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March 25, 2021

Ms. Nicole Smith, P.E.
NYSDEC Division of Materials Management, Region 7
615 Erie Boulevard West
Syracuse, New York 13204

Re: Solvay Wastebeds 9-15 Site, Towns of Camillus and Geddes, Onondaga County, NY
Site No. 73-40-76 (Consent Order Index # D-7-0001-02-03)
Closure Investigation Data Evaluation Report
Consent Order Deliverables

Dear Ms. Smith:

In accordance with the referenced Consent Order, Ramboll Americas Engineering Solutions, Inc. (Ramboll) has finalized the Closure Investigation and Data Evaluation Report on behalf of Honeywell to incorporate the Department's June 25, 2019 comments, in accordance with Honeywell's responses dated October 23, 2019, with the exception of the following updated comment responses:

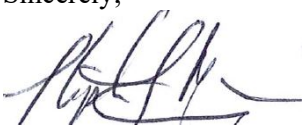
Comment 1: The executive summary states that the data evaluation was conducted to: a) understand the Site's current environmental setting and b) provide input to develop and implement the referenced plans. The report presents various trend analyses but does not present results of the data that have not trended. In particular, the report should include discussions of the locations of the most concentrated parameters and at a minimum shall include a table of groundwater standard exceedances and surface water standard exceedances, listing only those parameters that exceed standards and at which locations.
Response: Tables of constituents exceeding groundwater and surface water standards are included in the revised report as Appendix K, and summary statistics including the location of the maximum detected concentration are included as Tables 6-14. The full data set has been provided to NYSDEC in quarterly data table submittals.

Comment 4: Section 3.7.4, pg. 8 - Subsurface Leachate Manhole Location Variation - Significant differences across locations were identified for 15 of 20 parameters. Please describe the differences. Notably, the concentration plots of several parameters surrounding Wastebed #13 have lower and more consistent results. Are there any reasons for these differences?
Response: The following was added to Section 3.7.4:
"In general, lower and more consistent concentrations were observed in manhole locations surrounding WB 13. WB 13 was constructed differently than the other wastebeds, resulting in a thicker berm, and less seepage (OBG 2013, Dames & Moore 1975(a) and Dames & Moore 1976). "

This plan is a companion document to the previously submitted Site Closure Plan (December 31, 2020), Surrounding Affected Areas Restoration Plan (December 31, 2020), Operation and Maintenance Plan (February 19, 2021), Performance Verification Plan (March 25, 2021), and Shrub Willow Sustainable Remedy (SWSR) Pre-Design Investigation (PDI) Report (March 25, 2021).

Please contact Maureen Markert (315 420-7382) at Ramboll or me if you have any questions or comments.

Sincerely,



Stephen J. Miller, P.E.
Syracuse Remediation Program Manager

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Honeywell International Inc.

Document type
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Date
March 2021

WASTEBEDS 9-15 CLOSURE INVESTIGATION DATA EVALUATION

RAMBOLL Bright ideas. Sustainable change.

WASTEBEDS 9-15
CLOSURE INVESTIGATION DATA EVALUATION

Project name	**Closure Investigation Data Evaluation**
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Recipient	**Honeywell**
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Prepared by	**Michael Miller**
Checked by	**Maureen Markert, PE**
Approved by	**Christopher Calkins**
Description	**Evaluation of Site Closure Investigation monitoring data collected from 2012-2017.**

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LIST OF ACRONYMS

Acronym	Definition
6 NYCRR	Title 6, New York Codes, Rules and Regulations
ANOVA	Analysis of Variance
BOD	Biological Oxygen Demand
CI	Closure Investigation
CIR	Closure Investigation Report
CIWP	Closure Investigation Work Plan
EBP	Environmental Benefit Projects
ET	Evapotranspiration
METRO	Metropolitan Syracuse Wastewater Treatment Plant
NMC	Ninemile Creek
NYSDEC	New York State Department of Environmental Conservation
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PVC	Polyvinyl chloride
SAA	Surrounding Affected Area
SCA	Sediment Consolidation Area
SGV	Standards and Guidance Values
USEPA	United States Environmental Protection Agency

1. INTRODUCTION

1.1 Background

Honeywell International Inc. (Honeywell) and the New York State Department of Environmental Conservation (NYSDEC) have entered into an Administrative Consent Order (ACO; D-7-0001-02-03) for the Wastebeds (WB) 9-15 Site in Camillus and Geddes, New York. The ACO identifies activities required for the successful closure of WB 9-15. The closure of the Site encompasses an integrated program of environmental investigation, interim measures (IMs) to manage releases, a cover system, a leachate management system, and environmental benefit projects (EBPs).

Figure 1-1 Site Location

Field reconnaissance, field measurements, and sampling of surface leachate, groundwater, subsurface leachate, and surface water has been performed on a quarterly basis from 2012 through 2017, in accordance with the ACO and the September 2011 *Wastebeds 9-15 Site Closure*

Investigation Revised Work Plan (CIWP; O'Brien & Gere [OBG] 2011a), which was approved by the NYSDEC on October 18, 2011. Sample analyses were conducted in accordance with the 2011 CIWP, as modified by NYSDEC's letter dated January 14, 2015 approving a reduced list of monitoring parameters (NYSDEC 2015), and validated analytical data were submitted to NYSDEC quarterly. Initial comprehensive, site-wide closure investigation (CI) sampling was conducted over four quarters between the 1st quarter 2012 and 1st quarter 2013[1], and the results were documented in the August 2018 *Closure Investigation Report* (CIR; OBG 2018). This *Closure Investigation Data Evaluation Report* includes a compilation of data collected from 2nd quarter 2013 through 4th quarter 2017 (*i.e.*, 2013-2017 investigation period) and presents a statistical data evaluation for the complete data set from 2012 through 2017.

1.2 Report Objective

This *Closure Investigation Data Evaluation Report* presents a data review and statistical evaluation of quarterly data as a supplement to the *Site Closure Plan* (Ramboll 2020a) and *Off-Site Surrounding Affected Area (SAA) Restoration Plan* (Ramboll 2020b) for WB 9-15. The data evaluation was conducted to: a) understand the Site's current environmental setting and b) provide input to develop and implement the above-referenced plans.

2. SURFACE LEACHATE DATA EVALUATION

2.1 Objective

The objectives of the surface leachate (*i.e.*, seep) data evaluation included the following:

- Review seep reconnaissance and sampling/analysis activity over the monitoring period
- Summarize seep inspection observations, including seep locations, activity, flow directions and flow capture by seep mitigation or leachate collection systems, where applicable
- Review seep analytical data
- Identify seeps warranting further evaluation in the Site Closure Plan.

2.2 Surface Seep Quarterly Reconnaissance and Sampling/Analysis

A field reconnaissance is performed quarterly to observe formerly identified seep areas and identify areas of new seepage, if present. Potential seep locations are staked, marked with a handheld GPS unit, and photographed. During each quarterly reconnaissance, samples are collected from each seep with a flow sufficient to sample. Samples are typically analyzed one quarter per year for expanded parameters and three quarters per year for routine parameters as listed in 6 NYCRR §360-2.11 (d)(6), as modified by the CIWP (OBG 2011) and the January 2015 approved modification (Honeywell 2015 and NYSDEC 2015).

2.3 Surface Seep Inspection Observations

Observed seep locations are noted on **Figure 1** for WB 9-11, and on **Figure 2** for WB 12-15. Quarterly seep observations since 2013 are summarized on **Table 1**. **Table 1** and **Figures 1 and 2** indicate whether seep locations are inactive or active based on whether flow has been observed at each location. For active seeps, notes are included in the tables regarding capture of seeps by existing collection systems or where the seeps potentially migrate to, where applicable. Active seeps captured by collection systems are directed to the retention ponds and then pumped to the Metropolitan Syracuse Wastewater Treatment Facility (Metro) for treatment. Seep collection system locations are indicated on **Figures 1 and 2**. Management of active surface seeps is discussed in the Site Closure Plan.

2.4 Surface Seep Analytical Data

Surface seep samples are collected for analysis when sufficient flow is present for sample collection. **Table 2** summarizes the quarterly surface leachate sample locations and analytical parameters.

Seep locations do not have sufficient flow for sampling on a continuous basis each quarter; the number of seeps present varies between quarters. For example, the number of seep locations sampled during the 2017 quarters ranged from three locations (3rd quarter) to ten or more locations (remaining quarters). Surface seep activity is typically higher in the first two quarters

of the year. Between 2012 and 2017 most samples were collected during the first or second quarters, when flow sufficient for sampling was present.

Constituents observed in surface seep samples are generally consistent with constituents observed in subsurface leachate samples. As noted in **Table 1**, most active surface seeps are not migrating to surface water; with regard to the other active seeps, one location (CIWP-SP-10) remains for further evaluation to assess the management approach as part of the site closure program. Constituents detected at this location above Class C surface water standards in at least one sample include aluminum, cobalt and total dissolved solids (TDS). Aluminum exceeded the Class C Standards and Guidance value (SGV) of 0.1 mg/L (S) with a concentration of 0.4 mg/L and cobalt exceeded the Class C Standards and Guidance value of 0.005 mg/L (S) with a concentration of 0.0051 mg/L. TDS exceeded in both samples collected during the time period with concentrations of 5,100 mg/L and 6,400 mg/L compared to Class C standard of 500 mg/L. A summary of surface leachate parameters detected above Class C SGVs is provided in **Appendix K Tables K-1 through K-7** for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), inorganics, other compounds (additional water quality parameters), and dioxins/furans equivalence summary respectively.

3. GROUNDWATER, LEACHATE, AND SURFACE WATER DATA EVALUATION

3.1 Objective

The objectives of the groundwater, surface water, and leachate data evaluation included the following:

- Review groundwater field measurements, elevations and sampling/analysis
- Evaluate groundwater, leachate, and surface water data for time trends for each parameter at each location
- Evaluate detected concentrations and parameters in groundwater, leachate, and surface water for refinement of monitoring program.

3.2 Groundwater Field Measurements and Groundwater Elevations

Quarterly groundwater water level measurements within each monitoring well were recorded at 127 monitoring wells. The water levels measurements were collected before the start of the groundwater sampling. Water level measurements were referenced to the top of the PVC casing, unless specified otherwise. Groundwater specific gravity (density) measurements were collected via hydrometer from each location by lowering a bottom loading stainless steel bailer into the screen interval and removing a water sample for measurement. Seasonal fluctuations in measured elevations and ground water flow patterns have remained consistent with those discussed and presented in the Closure Investigation Report. **Figure 3** shows the quarterly groundwater gauging locations; **Table 3** presents a summary of quarterly water level measurements and calculated groundwater elevations, and **Appendix A** contains graphs of groundwater elevations over time.

3.3 Groundwater Quality Sampling and Analysis

Groundwater samples were collected quarterly from the wells listed in **Table 4**, in accordance with the sampling procedures in the 2011 CIWP. The sampling locations are presented on **Figure 4**. Groundwater sampling logs and field data are included in **Appendix B**.

In accordance with the 2011 CIWP, the groundwater samples collected from CI wells through 2014 were analyzed once per year for expanded parameters as listed in 6 NYCRR 360-2.11(d)(6), plus nitrate, with the exception that mercury was analyzed using USEPA Method 1631 and polychlorinated biphenyls (PCBs) were analyzed using USEPA Method 1668A (including Aroclor 1268), and for routine parameters as listed in Part 360-2.11(d)(6) in the remaining three quarters. Samples from the 17 monitoring wells that are associated with both the CI and the Sediment Consolidation Area (SCA) groundwater monitoring program were analyzed for the baseline parameters list each quarter.

In accordance with NYSDEC's letter dated January 14, 2015 approving a reduced list of monitoring parameters (NYSDEC 2015), the samples collected in 2015 through 2017 excluded hexavalent chromium by Method 7199, pesticides by Method 8141, herbicides by Method 8151, propionitrile and isobutyl alcohol by Method 8015, PCBs by Method 1668, and PCDD/PCDFs by Method 8290. Biological oxygen demand (BOD) sampling and analysis was also excluded in 2015 through 2017 except for the following locations: SB915-MW-42I, SB915-MW-88I, SB915-MW-92S, SB915-IMW-03S, SB915-MH-06, and SB915-MH-18.

A summary of the analyses performed at the locations sampled is included in **Table 4**. Analytical data summary tables for these samples were submitted to NYSDEC each quarter. Additional details on detections that exceed Class GA groundwater standards and guidance values is provided in **Section 3.7.6**.

3.4 Subsurface Leachate Quality Sampling and Analysis

Quarterly subsurface leachate samples were collected from the leachate collection system locations identified in **Table 4** in accordance with the sampling procedures in the 2011 CIWP (OBG 2011). The sampling locations are presented on **Figure 5**. The field data (*i.e.*, temperature, pH, turbidity, conductivity, and dissolved oxygen) are provided in **Appendix C.** Sample analyses are as described for groundwater samples in Section 3.3. A summary of the analyses performed at the locations sampled is included in **Table 4.** Analytical data summary tables for these samples were submitted to NYSDEC each quarter. Additional details on detections that exceed Class GA groundwater standards and guidance values for subsurface leachate is provided in **Section 3.7.7**.

3.5 Surface Water Quality Sampling and Analysis

Surface water samples were collected quarterly from on-site and off-site surface water features at the locations listed in **Table 4** in accordance with the sampling procedures in the 2011 CIWP. The sampling locations are presented on **Figure 6**. The field data (*i.e.*, temperature, pH, turbidity, conductivity, and dissolved oxygen) are provided in **Appendix D**. Sample analyses were as described for groundwater samples in Section 3.3. A summary of the analyses performed at the locations sampled is included in **Table 4**. Analytical data summary tables for these samples were submitted to NYSDEC each quarter. Additional details on detections that exceed Class C surface water standards and guidance values is provided in **Section 3.7.8**.

3.6 Data Evaluation Approach

Statistical evaluations of time trends and variations were performed for groundwater, subsurface leachate, and surface water analytical data from 2012 through 2017; statistical evaluation methods are described in **Sections 3.6.1 and 3.6.2**. The analytical data set for groundwater, surface water, and leachate from 2012 through 2017 was also reviewed with respect to frequency of individual parameter detections and standard exceedances across the Site.

3.6.1 Time Trends

Statistical time trend tests were performed on analytical data from the 2012 through 2017 using the Mann-Kendall (MK) tests. Prior to running these tests, data screening steps were performed to reduce the chances of statistical errors (false positive or false negative tests). Data screening steps are summarized in Appendix E. Data screening resulted in data being excluded for methods discontinued in 2015 and being excluded for data rejected during the data validation process.

For time trend analyses of parameter concentrations in groundwater, subsurface leachate, and surface water, MK tests were performed on data sets of each unique parameter and sample location combination that passed the screening tests outlined in Appendix E. The MK test is frequently used to detect linear time trends in data (e.g., Vousoughi et al. 2013). Rather than using raw values for concentration or time, this test uses ranked values. This test is favored for time trend analysis because:

- Use of ranks eliminates the influence of outliers
- Use of ranks limits the influence of censored data (e.g., non-detects), which are common in environmental data and the data used for this evaluation; and
- The test does not require normally distributed data to provide a reliable test of significance (Gilbert 1987, Helsel and Hirsch 2002).

In sum, using the MK approach has no assumptions regarding data distribution and reduces the likelihood of falsely indicating declining or increasing time trends using ranked data.

Statistical significance of the MK tests was set to an alpha value of 0.01 to account for the numerous tests being run. Statistical significance is often assessed at an alpha value of 0.05, which means that out of a theoretical set of 100 statistical tests, up to 5 may be significant due to random chance alone. Given that over 9,000 MK tests were run, approximately 450 significant results could have been generated by random chance. In order to avoid generating a large number of false positive tests, alpha values are often adjusted down by dividing 0.05 by the number of tests being run. However, in this case the resulting alpha value would have been unreasonably low, therefore an alpha value of 0.01 was used as a reasonable conservative value.

Another factor in assessing the significance of statistical tests was the pattern of detection limits over time. In cases where a parameter concentration was a non-detect, ½ the detection limit value was used. For parameters that had many non-detects, varying detection limits over time could generate significant statistical tests. To limit the prevalence of such false positives, significant statistical tests were only considered if at least 25% of the values were true detects.

The results of the time trend analyses are discussed in **Section 3.7**.

3.6.2 Analysis of Variance

Analysis of variance (ANOVA) was used to evaluate if concentrations differed among quarters for groundwater, subsurface leachate, and surface water analytical data from 2012 through 2017. ANOVA was also used to evaluate whether concentrations differed between subsurface leachate

manhole locations. Prior to running the ANOVAs, screening steps were performed to reduce the chances of statistical errors (false positive or false negative tests), which included removal of data for methods discontinued in 2015, removal of data rejected during the validation process, and limitation to 20 parameters that are monitored quarterly from the routine parameter list. In addition, detections from a minimum of three quarters for each parameter and location combination were needed to perform the statistical evaluation.

ANOVAs were performed for each unique parameter (n = 20) and sample location (n = 136) combination to test if mean concentrations by quarter were statistically different. Statistical significance of the ANOVA tests was set to an alpha value of 0.01 to account for the numerous tests being run.

The results of the ANOVAs are discussed in **Section 3.7**.

3.7 Data Evaluation Results

The results of time trend analyses are discussed in **Sections 3.7.1 through 3.7.3** for groundwater, subsurface leachate, and surface water, respectively, ANOVA is discussed in **Section 3.7.4**, and the parameter detection and exceedance frequencies are discussed in **Section 3.7.5**. Parameter detections with relation to NYS water quality standards and guidance values are discussed in **Sections 3.7.6 through 3.7.8**.

3.7.1 Groundwater Time Trends

Groundwater samples are collected quarterly from 95[2] monitoring wells on WB 9-15. Ninety-four percent of parameter and location combinations have no statistically significant trend; 6% of the parameter and location combinations were statistically significant. No overall trends of concern were noted in individual wells or in the different hydrogeologic units. Results of time trend analyses are presented in **Appendix F**, and include a tabular summary of significant trends, figures for each hydrogeologic unit depicting significant trends spatially, and graphs for parameter/location combinations that exhibit significant trends. Positive values indicate increasing trends over time, negative values indicate decreasing trends, and stronger trends have values closer to 1 or -1 than to 0.

3.7.2 Subsurface Leachate Time Trends

Subsurface leachate samples are collected quarterly from 20 leachate manholes. Ninety-seven percent of parameter and location combinations have no statistically significant trend; 3% of the parameter and location combinations were statistically significant. No overall trends of concern were noted at individual locations or across the locations. Results of time trend analyses are presented in **Appendix G** and include a tabular summary of significant trends, figures for each hydrogeologic unit depicting significant trends spatially, and graphs for parameter and location combinations that exhibit significant trends.

3.7.3 Surface Water Time Trends

Surface water samples are collected quarterly from 21 locations. Ninety-eight percent of parameter and location combinations have no statistically significant trend; 2% of the parameter and location combinations were statistically significant. No overall trends of concern were noted

[2] Five of the 100 wells identified for sampling are consistently dry and have not been sampled.

at individual locations or across the locations. Results of time trend analyses are presented in **Appendix H** and include a tabular summary of significant trends, figures for each hydrogeologic unit depicting significant trends spatially, and graphs for parameter and location combinations that exhibit significant trends.

3.7.4 Analysis of Variance

Quarterly variation

As discussed in Section 3.6.2, ANOVA was used to evaluate data variability between quarters. Ninety-five percent of parameter and location combinations have no statistically significant trend; 5% of the parameter and location combinations were statistically significant. The limited percentage of significant trends indicates that overall constituent concentrations do not significantly vary seasonally. ANOVA results are included in Appendix I.

Subsurface leachate manhole location variation

ANOVA was also used to evaluate subsurface leachate data variability between manhole locations. Significant differences across locations were identified for 15 of the 20 parameters evaluated. Although there are significant differences across locations, concentrations are generally consistent in the manholes located along individual wastebeds, ANOVA results are included in Appendix J.

In general, lower and more consistent concentrations were observed in manhole locations surrounding WB 13. WB 13 was constructed differently than the other wastebeds, resulting in a thicker berm, and less seepage (OBG 2013, Dames& Moore 1975(a) and Dames & Moore 1976).

3.7.5 Parameter Detection and Exceedance Frequency Evaluation

Table 5 presents a summary of the parameter detection and exceedance frequency evaluation, including an indication of statistically significant trends (increasing and decreasing) in groundwater, subsurface leachate, and surface water. Of the parameters regularly analyzed, 49.5% have never been detected, or have been detected in less than 5% of samples at concentrations below standards. Furthermore, these parameters have exhibited concentrations that do not represent a significant increasing trend. This information should result in refinement of the monitoring programs as part of the Site Closure Plan and SAA Restoration Plan.

3.7.6 Groundwater Analytic Summary

A summary of groundwater parameters detected above Class GA groundwater standards and guidance values (SGVs) are provided in **Appendix K Tables K-8 through K-13** for VOCs, SVOCs, PCBs, inorganics, other data (additional water quality parameters), and dioxins/furans equivalence summary respectively. Sample locations are presented on **Figure 4**.
Summary statistics for detected constituents compared to Class GA groundwater standards have been organized into five groups based on the hydrogeologic units presented in the CIR (OBG

2018), shallow groundwater – Solvay waste/shallow fill (**Table 6**), shallow native groundwater (**Table 7**), intermediate native groundwater (**Table 8**), deep native groundwater (**Table 9**), and bedrock groundwater (**Table 10**). **Tables 6 through 10** also present the location or locations of the highest detected concentration.

The nature and extent of parameters in the quarterly groundwater sampling results (2nd Quarter 2013 through 4th quarter 2017) are generally consistent with the results presented in the CIR (1st Quarter 2012 through 1st quarter 2013) (OBG 2018). Statistical variations in trends are discussed in prior sections. A discussion of groundwater geochemistry, and potential influences from wastebed leachate and native brines, is provided in the WB 9-15 CIR (OBG 2018).

3.7.7 Subsurface Leachate Analytic Summary

A summary of subsurface leachate parameters detected above Class GA Groundwater SGVs are provided on **Appendix K Tables K-14 through K-19** for VOCs, SVOCs, pesticides, inorganics, other data, and dioxins/furans equivalence summary respectively, and sample locations are presented on **Figure 5**. WB 12-15 and WB 9-11 were evaluated separately for discussion purposes.

Summary statistics for detected constituents compared to Class GA Groundwater SGVs are provided in **Table 11** for subsurface leachate parameters detected in in the leachate collection and conveyance system (LCCS) around WB 12-15 and **Table 12** for subsurface leachate parameters detected in collections systems around WB 9-11 during the reporting period. **Tables 11 and 12** also present the location or locations of the highest detected concentrations.
The nature and extent of parameters in the quarterly subsurface leachate sampling results are generally consistent with the CIR (OBG 2018). Statistical variations in trends are discussed in prior sections.

3.7.8 Surface Water Analytic Summary

A summary of surface water parameters detected above Class C Surface Water SGVs are provided on **Appendix K Tables K-20 through K-26** for VOCs, SVOCs, pesticides, PCBs, inorganics, other data, and dioxins/furans equivalence summary respectively. These results were compared against the applicable New York State Class C Ambient Water Quality Standards and Guidance Values (NYSDEC, 1998). For parameters that have more than one Class C standard, the most conservative standard was used for comparison purposes. It should be noted that the most conservative standards may not be directly applicable to each surface water sampling location (*e.g.*, Class C H(FC) for human consumption of fish in fresh water would not be directly applicable to the former gravel pit). Per the NYSDEC, Class C surface waters are suitable for fishing, shellfish, and wildlife propagation and survival, as well as primary and secondary contact recreation. Hardness-dependent metals Class C standards were calculated using a value of 2,212.6 mg/L, which was the average hardness for all surface water samples collected during the four quarters associated with the CIR.

Surface water samples collected were broken into two groups, site-related analytical results (Outfalls 011, 017, 018, and 019, the Gravel Pit, Iron Brook, Retention Pond 1, Retention Pond 2-1 and 2-2, Interbed 1, 2, and 3, and the Ponded Area North of WB 11) and Ninemile Creek (NMC) analytical results. Sample locations are presented on **Figure 6**.

Summary statistics are provided in **Table 13** for surface water parameters detected at site surface water locations sampled during the reporting period. Summary statistics are provided in **Table 14** for surface water parameters detected at Ninemile Creek locations sampled during the reporting period. **Tables 13 and 14** also present the location or locations of the highest detected concentrations.

The nature and extent of parameters in the quarterly surface water sampling results are generally consistent with the CIR (OBG 2018). Statistical variations in trends are discussed in prior sections.

4. CONCLUSIONS

- Statistical time trend tests of concentration data indicated there are no trends of concern at individual sample locations or in the different media and hydrogeologic units.
- The nature and extent of constituents including spatial and magnitude of standards and guidance values exceedances are generally consistent with the findings of the WBs 9-15 Closure Investigation (OBG 2018).
- ANOVA between quarters indicated that:
    - constituent concentrations do not significantly vary seasonally
    - concentrations varied between subsurface leachate sample locations, yet are generally consistent in the manholes located along individual wastebeds.
- Results of the statistical evaluation of quarterly of groundwater, subsurface leachate, and surface water data collected from 2012 through 2017 support refinements in the site monitoring program as part of the Site Closure Plan and SAA Restoration Plan.[3]
- Field observations provide sufficient information to evaluate active surface seep management in the Site Closure Plan.

[3] 49.5% of the parameters analyzed have either never been detected, or have been detected in less than 5% of the samples at concentrations below standards and at concentrations that do not represent a significant increasing trend.

5. REFERENCES

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TABLES

TABLE 1 ***Quarterly Surface Seep Inspection Observations for Wastebeds 9-15***

Wastebed	Location	2 Qtr 2013	3 Qtr 2013	4 Qtr 2013	1 Qtr 2014	2 Qtr 2014	3 Qtr 2014	4 Qtr 2014	1 Qtr 2015	2 Qtr 2015	3 Qtr 2015	4 Qtr 2015	1 Qtr 2016	2 Qtr 2016	3 Qtr 2016	4 Qtr 2016	1 Qtr 2017	2 Qtr 2017	3 Qtr 2017	4 Qtr 2017	Seep Activity	Active Seep Notes
9 & 10	CIWP-SP-47	NA	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	F[2]	F[2]	D	D	F[1]	F[2]	D	D	Active	
9 &10	CIWP-SP-16	M, NF	D	P, NF	P, NF	P, TF	D	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	F[1]	F[2]	TF	M, NF	Active	Seep flow captured by collection trench north of WB 9&10 and directed to Popes Grove Pump Station for eventual discharge to Interbed Area, retention ponds, and Metro.
9 &10	CIWP-SP-37	NA	NA	NA	F[2]	F[1]	F[1]	D	D	F[2]	F[1]	D	F[1]	F[1]	D	F[1]	F[1]	F[2]	F[1]	F[1]	Active	
9 &10	SEEP-48	F[2]	M, NF	D	P, TF	F[1]	D	D	S	F[4]	D	D	F[1]	D	D	D	D	D	D	D	Active	Seep flow towards Ninemile Creek; to be further evaluated in Site Closure Plan.
9 &10	CIWP-SP-17	D	D	D	D	N	D	D	S	N	D	D	D	D	D	D	D	D	D	D	Inactive	
9 &10	CIWP-SP-28	D	D	D	D	N	D	D	S	N	D	D	D	D	D	D	D	D	D	D	Inactive	
9 &10	IASEEP-01	N	N	N	N	N	D	D	S	N	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
9 &10	IASEEP-02	D	D	D	D	N	D	D	S	N	M, NF	D	M, NF	D	D	D	D	D	D	D	Inactive	
9 &10	SEEP-44	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
9 &10	SEEP-45	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
9 &10	SEEP-46	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
9 &10	SEEP-47	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
11	CIWP-SP-10	D	D	D	D	F[2]	D	D	S	P, NF	M, NF	D	F[1]	D	D	D	F[1]	D	D	D	Active	Seep flow toward access road-side swale. At times of high water, seep flow toward Ninemile Creek.; to be further evaluated in Site Closure Plan.
11	CIWP-SP-12	M, NF	D	D	D	TF	P, NF	D	S	P, NF	M, NF	D	F[2]	F[1]	D	D	D	D	TF	D	Active	
11	CIWP-SP-14	M, NF	D	D	D	TF	P, NF	D	S	P, NF	M, NF	D	F[2]	F[1]	D	D	F[1]	D	D	TF	Active	Seep flow captured by the Interbed for eventual discharge to the retention ponds and Metro.
11	CIWP-SP-38	NA	NA	NA	F[2]	F[1]	F[1]	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	F[1]	F[2]	F[1]	F[1]	Active	
11	IASEEP-03	F[2]	D	TF	F[1]	F[1]	P, NF	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	D	D	D	D	Active	
11	SEEP-49/3A	TF	TF	D	M, NF	D	M, NF	D	D	D	D	D	D	D	D	D	D	D	D	D	Active	Seep flow captured by Phase 5 collection trench located on the south end of WB 11 for eventual discharge to the retention ponds and Metro.
11	SEEP-49/3B	TF	F[2]	D	M, NF	F[1]	M, NF	D	D	D	D	D	F[1]	D	D	D	D	D	D	D	Active	
11	CIWP-RR-01	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	F[2]	F[1]	D	D	D	D	Active	Flow is not from berm seepage, but from groundwater upwelling into Ninemile Creekbed. Samples collected when NMC elevation is low enough to isolate the groundwater upwelling for sampling.
11	CIWP-SP-09	D	D	D	D	TF	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
11	CIWP-SP-11	D	D	D	D	P,NF	D	D	S	D	D	D	P, NF	D	D	D	F[2]	D	D	D	Inactive	
11	CIWP-SP-13	D	D	D	D	TF	D	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
11	CIWP-SP-15	D	D	D	D	M, NF	D	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
11	CIWP-SP-26	D	D	D	D	D	D	D	S	N	P,NF	D	D	D	D	D	D	D	D	D	Inactive	Seep only flows during extremely wet periods.
11	CIWP-SP-27	D	D	D	D	N	D	D	S	N	D	D	P,NF	D	D	D	D	F[2]	D	D	Inactive	
11	CIWP-SP-29	D	D	D	D	D	D	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
11	SEEP-04	D	D	D	D	F[4]	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	

TABLE 1 ***Quarterly Surface Seep Inspection Observations for Wastebeds 9-15***

Wastebed	Location	2 Qtr 2013	3 Qtr 2013	4 Qtr 2013	1 Qtr 2014	2 Qtr 2014	3 Qtr 2014	4 Qtr 2014	1 Qtr 2015	2 Qtr 2015	3 Qtr 2015	4 Qtr 2015	1 Qtr 2016	2 Qtr 2016	3 Qtr 2016	4 Qtr 2016	1 Qtr 2017	2 Qtr 2017	3 Qtr 2017	4 Qtr 2017	Seep Activity	Active Seep Notes
11	SP-01A	M, NF	M, NF	M, NF	M, NF	F[3]	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	Seep only Ffows during extremely wet periods.
11	SP-01B	M, NF	M, NF	M, NF	M, NF	F[3]	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
11	SP-01C	M, NF	M, NF	M, NF	M, NF	F[3]	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
11	SP-01D	M, NF	M, NF	M, NF	M, NF	F[3]	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
11	SP-01E	M, NF	M, NF	M, NF	P, TF [2]	F [1]	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
11	SP-02A	TF	M, NF	M, NF	M, NF	M, NF	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
11	SP-02B	TF	M, NF	M, NF	M, NF	M, NF	M, NF	D	D	C	D	D	D	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-04	TF	D	D	TF	D	D	D	S	F[3]	D	D	D	D	D	D	D	D	D	D	Active	Seep flow captured by Phase 6 collection trench for discharge to LCCS Pump Station, retention ponds, and Metro.
12	CIWP-SP-05	TF	D	D	TF	D	D	D	S	F[2]	F[1]	D	D	D	D	D	D	D	D	D	Active	
12	CIWP-SP-06	M, NF	D	D	D	P, NF	D	D	S	F[2]	D	D	P, NF	D	D	D	F[1]	D	D	F[1]	Active	Seep flow captured by the Phase 1 collection trench for eventual discharge to the retention ponds and Metro.
12	CIWP-SP-07	TF	D	D	P, NF	F[2]	P, NF	D	S	P, F	D	D	P, NF	F[2]	D	D	D	F[2]	D	F[1]	Active	
12	CIWP-SP-08	F[2]	D	F[1]	F[1]	F[1]	F[1]	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	F[1]	D	D	F[1]	Active	
12	CIWP-SP-23	D	D	M, NF	D	D	M, NF	D	S	F[2]	D	D	M, NF	D	D	D	D	D	D	D	Active	
12	CIWP-SP-35	NA	NA	D	D	P, NF	D	D	S	F[2]	D	D	F[1]	F[1]	D	D	TF	D	D	F[1]	Active	
12	CIWP-SP-41	NA	NA	NA	D	D	F[2]	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	D	F[2]	TF	D	Active	Seep flow to road-side swale north of Wastebed 12 and collected by the LCCS.
12	CIWP-SP-42	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	D	F[1]	M, NF	D	D	TF	D	D	F[1]	Active	Seep flow percolates into wastebed before flow is able to reach a collection system.
12	CIWP-SP-46	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	D	F[1]	D	D	D	F[1]	D	D	D	Active	
12	SEEP-20	D	D	D	D	D	F[1]	D	S	F[3]	D	D	F[3]	D	D	D	TF	D	D	D	Active	Seep flow captured by the Phase 1 collection trench for eventual discharge to the retention ponds and Metro.
12	SEEP-21	D	D	D	D	F[2]	P, NF	D	S	F[2]	F[1]	D	F[1]	F[1]	D	D	F[1]	D	D	F[1]	Active	
12	SEEP-22	D	D	D	D	F[3]	P, NF	D	S	P, NF	D	D	F[3]	D	D	D	TF	D	D	D	Active	
12	SEEP-52A	M, NF	M, NF	TF	M, NF	TF	D	D	S	TF	D	D	M, NF	M, NF	D	D	D	D	D	D	Active	Seep flow captured by Phase 6 collection trench for discharge to LCCS Pump Station, retention ponds, and Metro.
12	SEEP-52B	M, NF	M, NF	TF	S	TF	D	D	S	TF	D	D	M, NF	D	D	D	D	D	D	D	Active	
12	CIWP-SP-18	D	D	D	P, NF	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-19	D	D	TF	D	D	M, NF	D	S	D	D	D	P, NF	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-20	D	D	TF	P, NF	D	M, NF	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	

TABLE 1 ***Quarterly Surface Seep Inspection Observations for Wastebeds 9-15***

Wastebed	Location	2 Qtr 2013	3 Qtr 2013	4 Qtr 2013	1 Qtr 2014	2 Qtr 2014	3 Qtr 2014	4 Qtr 2014	1 Qtr 2015	2 Qtr 2015	3 Qtr 2015	4 Qtr 2015	1 Qtr 2016	2 Qtr 2016	3 Qtr 2016	4 Qtr 2016	1 Qtr 2017	2 Qtr 2017	3 Qtr 2017	4 Qtr 2017	Seep Activity	Active Seep Notes
12	CIWP-SP-21	D	D	TF	TF	M, TF	M, NF	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-22	D	D	D	TF	D	M, NF	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-24	D	D	M, NF	D	D	M, NF	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-32	D	D	M, NF	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-34	NA	NA	M, NF	D	D	D	D	S	P, NF	D	D	D	D	D	D	D	D	D	D	Inactive	
12	CIWP-SP-36	NA	NA	TF	D	D	D	D	S	P, NF	D	D	P, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-09B	D	D	D	D	D	D	D	D	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-10	D	D	D	D	D	D	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-11	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-12	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-13	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-14	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-15	D	D	D	P, NF	P, NF	D	D	S	M, P, NF	D	D	P, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-16A	D	D	D	P, NF	D	D	D	S	M, P, NF	D	D	P, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-16B	D	D	D	M, NF	D	D	D	S	M, P, NF	D	D	P, NF	D	D	D	D	D	D	D	Inactive	
12	SEEP-17	D	D	D	D	D	P, NF	D	S	M, P, NF	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-18	D	D	D	D	D	P, NF	D	S	M, P, NF	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-19	D	D	D	D	P, NF	P, NF	D	S	M, P, NF	D	D	D	D	D	D	D	D	D	D	Inactive	
12	SEEP-23	D	D	D	D	NA	P, NF	D	S	N	D	D	D	D	D	D	D	D	D	D	Inactive	
13	CIWP-SP-31	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
13	SEEP-09A	D	D	D	M, NF	D	D	D	S	D	D	D	M, NF	D	D	D	D	D	D	D	Inactive	
13	SEEP-24	D	D	D	D	N	N	D	S	N	D	D	D	D	D	D	D	D	D	D	Inactive	
14	CIWP-SP-30A	D	D	D	M, NF	F[2]	D	D	S	F[2]	D	D	P, NF	D	D	D	P, NF	P, NF	D	D	Active	Seep flow toward stormwater swale leading to Outfall 017 and the gravel pit; to be further evaluated in Site Closure Plan.
14	CIWP-SP-30B	D	D	D	P, TF	F[2]	D	D	S	F[2]	D	D	P, NF	D	D	D	P, NF	P, NF	D	D	Active	
14	CIWP-SP-45	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	D	F[1]	D	D	D	D	D	D	D	Active	
14	CIWP-SP-40	NA	NA	NA	NA	F[2]	D	D	D	F[2]	D	D	F[1]	D	D	D	F[1]	D	D	D	Active	Seep flows toward Wastebed 13.
14	CIWP-SP-43	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	D	F[1]	D	D	D	F[1]	D	D	D	Active	
14	CIWP-SP-44	NA	NA	NA	NA	NA	NA	NA	NA	F[2]	D	D	F[1]	D	D	D	F[1]	D	D	D	Active	
14	SEEP-30	D	D	D	TF[2]	F[1]	D	D	S	F[2]	F[1]	D	F[1]	TF	D	D	F[1]	F[2]	D	D	Active	Seep flow captured by Phase 2 collection trench for eventual discharge to the retention ponds and Metro.
14	SEEP-41	D	D	D	D	D	D	D	S	F[2]	D	D	D	D	D	D	D	D	D	D	Active	
14	CIWP-SP-01	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	CIWP-SP-02	D	D	D	D	M, NF	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-25	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	

TABLE 1 ***Quarterly Surface Seep Inspection Observations for Wastebeds 9-15***

Wastebed	Location	2 Qtr 2013	3 Qtr 2013	4 Qtr 2013	1 Qtr 2014	2 Qtr 2014	3 Qtr 2014	4 Qtr 2014	1 Qtr 2015	2 Qtr 2015	3 Qtr 2015	4 Qtr 2015	1 Qtr 2016	2 Qtr 2016	3 Qtr 2016	4 Qtr 2016	1 Qtr 2017	2 Qtr 2017	3 Qtr 2017	4 Qtr 2017	Seep Activity	Active Seep Notes
14	SEEP-26	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-27	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-28	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-29	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-31	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-32	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-33	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-34	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-35	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	TF	D	D	D	Inactive	
14	SEEP-36	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-37	D	D	D	P, NF	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-38	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-39	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-40	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-42	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
14	SEEP-43	D	D	D	D	N	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	
15	CIWP-SP-33	D	D	F[2]	F[1]	F[1]	D	D	S	F[2]	F[1]	D	F[1]	F[1]	D	F[1]	F[1]	F[2]	F[1]	F[1]	Active	Seep flows toward access road leading to Outfall 017 and the gravel pit; to be further evaluated in Site Closure Plan.
15	CIWP-SP-39	NA	NA	NA	NA	F[2]	D	D	S	F[2]	D	D	F[1]	D	D	D	F[1]	F[2]	D	F[1]	Active	
15	SEEP-50	D	D	D	F[2]	F[1]	D	D	S	F[2]	F[1]	D	F[3]	TF	D	D	D	D	D	D	Active	Seep flow captured by Phase 6 collection trench for eventual discharge to LCCS Pump Station, retention ponds, and Metro.
15	SEEP-51	D	D	D	M, NF	F[2]	D	D	S	F[2]	D	D	F[1]	TF	D	D	D	D	D	D	Active	
15	CIWP-SP-03	D	D	D	D	D	D	D	S	D	D	D	D	D	D	D	D	D	D	D	Inactive	

Notes:

[1] Samples collected for routine parameters.

[2] Samples collected for expanded parameters.

[3] No sample collected; Seep flow to another seep that was collected

[4] Flowing but not sampled

Legend

NF	No Flow
TF	Trace Flow
F	Flowing
D	Dry; No Flow
S	1-2 feet of Snowpack
P	Pooled/Ponded Water, Not Sampled
M	Moist Surface
C	Construction area, no observed flow
N	Could not locate seep
NA	No Data; Time period before observati
NO	Seep flow not observable, NMC water

Table 2 *Surface Seep Sample and Analysis Overview*

		2013			2014				2015				2016				2017				
WB	Location	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
9/10	CIWP-SP-16									ME	MR		MR	MR			MR	ME			6
9/10	CIWP-SP-37				E	R	R			ME	MR		MR	MR		MR	MR	ME	MR	MR	12
9/10	CIWP-SP-47										ME		ME	ME			MR	ME			5
9/10	SEEP-48	E				R							MR								3
11	CIWP-RR-01														ME	MR					2
11	CIWP-SP-10					E							MR				MR				3
11	CIWP-SP-11																ME				1
11	CIWP-SP-12												ME	MR							2
11	CIWP-SP-14												ME	MR			MR				3
11	CIWP-SP-38				E	R	R			ME	MR		MR	MR			MR	ME	MR	MR	11
11	CIWP-SP-27																	ME			1
11	IASEEP-03	E			R	R				ME	MR		MR	MR							7
11	SEEP-49/3B		E			R							MR								3
11	SP01A					1															1
11	SP-01B					1															1
11	SP-01C					1															1
11	SP-01D					1															1
11	SP-01E				E	R															2
12	CIWP-SP-04									1											1
12	CIWP-SP-05									ME	MR										2
12	CIWP-SP-42									ME			MR							MR	3
12	CIWP-SP-46									ME			MR				MR				3
12	CIWP-SP-06									ME							MR			MR	3
12	CIWP-SP-07					E								ME				ME		MR	4
12	CIWP-SP-08	E		R	R	R	R			ME	MR		MR	MR			MR			MR	11
12	CIWP-SP-23									ME											2
12	CIWP-SP-35									ME			MR	MR						MR	4
12	CIWP-SP-41						E			ME	MR		MR	MR				ME			6
12	SEEP-20						R			1			1								3
12	SEEP-21					E				ME	MR		MR	MR			MR			MR	7
12	SEEP-22					1							1								2
14	CIWP-SP-30A					E				ME											2
14	CIWP-SP-30B					E				ME											2
14	CIWP-SP-45									ME			MR								2
14	SEEP-30				E	R				ME	MR		MR				MR	ME			7
14	SEEP-41									ME											1
14	CIWP-SP-40					E				ME			MR				MR				4
14	CIWP-SP-43									ME			MR				MR				3
14	CIWP-SP-44									ME			MR				MR				3
15	CIWP-SP-33			E	R	R				ME	MR		MR	MR		MR	MR	ME	MR	MR	12
15	CIWP-SP-39					E				ME			MR				MR	ME		MR	6
15	SEEP-50				E	R				ME	MR										4
15	SEEP-51					E				ME			MR								3
	Count	3	1	2	8	23	5	0	0	27	12	0	26	13	1	3	17	10	3	10	#

Notes:
E – Sample collected for expanded parameters
R – Sample collected for routine parameters
ME – Sample collected for modified expanded parameters
MR – Sample collected for modified routine parameters
1 – Seep flowed to another seep that was sampled, no direct sample collected

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2012	GW Elevation April 2012	Specific Gravity April 2012	Equivalent Fresh Water Head April 2012	DTW July 2012	GW Elevation July 2012	Specific Gravity July 2012	Equivalent Fresh Water Head July 2012
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00	18.00	368.76	358.76	363.76	7.55	370.98	1.014	371.08	8.11	370.42	1.012	370.50
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00	16.00	370.80	360.80	365.80	4.53	373.95	1.023	374.14	5.02	373.46	1.024	373.65
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00	24.00	368.30	353.30	360.80	7.77	371.58	1.018	371.78	8.45	370.90	1.036	371.27
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00	16.00	369.99	359.99	364.99	8.71	370.86	1.004	370.88	9.46	370.11	1.008	370.15
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00	20.00	366.86	356.86	361.86	4.51	374.30	1.010	374.42	5.11	373.70	1.012	373.84
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00	14.00	372.88	362.88	367.88	4.06	374.83	1.012	374.91	4.82	374.07	1.012	374.14
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17	16.17	394.22	384.22	389.22	12.11	390.46	1.001	390.47	Dry	NA	NA	NA
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35	34.35	360.07	350.07	355.07	6.55	379.87	1.008	380.07	7.95	378.47	1.006	378.61
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95	21.95	365.91	355.91	360.91	5.61	373.41	1.016	373.61	7.46	371.56	1.018	371.75
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00	32.00	372.71	362.71	367.71	23.73	373.01	1.014	373.09	24.45	372.29	1.004	372.31
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00	32.00	373.12	363.12	368.12	24.21	372.94	1.004	372.96	24.90	372.25	1.012	372.31
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00	30.00	373.38	363.38	368.38	23.23	372.58	1.016	372.65	23.84	371.97	1.004	371.98
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00	78.00	372.45	362.45	367.45	68.20	374.84	1.006	374.89	69.24	373.80	1.006	373.84
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00	72.00	338.90	328.90	333.90	27.56	375.28	1.012	375.78	28.64	374.20	1.004	374.36
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00	24.00	386.60	376.60	381.60	7.93	395.05	1.064	395.91	8.49	394.49	1.062	395.29
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40	63.40	414.90	399.90	407.40	52.42	412.24	1.001	412.25	58.04	406.62	1.002	406.63
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00	14.00	459.40	449.40	454.40	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00	44.00	345.70	335.70	340.70	8.67	373.25	1.002	373.32	9.45	372.47	1.004	372.60
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00	18.00	371.60	361.60	366.60	5.76	375.93	1.008	376.00	6.68	375.01	1.006	375.06
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00	130.00	257.00	247.00	252.00	19.20	359.89	1.130	373.92	19.45	359.64	1.128	373.42
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00	106.00	281.00	271.00	276.00	9.09	369.68	1.002	369.87	9.45	369.32	1.006	369.88
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00	56.00	330.70	320.70	325.70	7.52	370.97	1.003	371.11	7.88	370.61	1.006	370.88
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00	20.00	367.00	357.00	362.00	5.25	373.64	1.028	373.97	5.00	373.89	1.028	374.22
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00	93.00	315.20	305.20	310.20	19.12	381.39	1.002	381.53	21.55	378.96	1.002	379.10
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00	62.00	345.50	335.50	340.50	29.12	371.30	1.006	371.48	29.45	370.97	1.002	371.03
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00	25.00	382.90	372.90	377.90	23.71	376.53	1.002	376.53	25.02	375.22	1.010	375.23
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00	53.00	341.10	331.10	336.10	16.53	369.33	1.012	369.73	16.69	369.17	1.024	369.96
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00	14.00	380.10	370.10	375.10	3.08	382.95	1.020	383.11	3.73	382.30	1.016	382.42
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00	18.00	369.30	359.30	364.30	3.76	375.24	1.005	375.29	4.72	374.28	1.010	374.38
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00	141.00	244.70	234.70	239.70	12.63	364.72	1.061	372.35	12.06	365.29	1.108	378.85
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00	97.00	288.60	278.60	283.60	6.19	371.23	1.002	371.41	6.43	370.99	1.028	373.44
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00	64.00	321.30	311.30	316.30	8.00	369.54	1.022	370.71	8.23	369.31	1.012	369.95
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00	23.00	362.60	352.60	357.60	8.32	369.30	1.032	369.67	8.55	369.07	1.032	369.44
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00	60.00	333.90	323.90	328.90	15.98	369.93	1.041	371.61	16.47	369.44	1.038	370.98
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00	20.00	373.80	363.80	368.80	12.54	373.23	1.004	373.25	14.07	371.70	1.008	371.73
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00	28.00	357.20	347.20	352.20	10.80	366.27	1.006	366.35	11.32	365.75	1.018	365.99
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00	37.00	432.30	422.30	427.30	Dry	NA	NA	NA	35.54	426.24	1.008	426.26
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00	89.00	299.08	289.08	294.08	8.45	371.90	1.008	372.52	9.08	371.27	1.012	372.20
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00	18.00	367.20	357.20	362.20	5.39	371.47	1.016	371.62	6.90	369.96	1.008	370.02
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00	24.00	365.80	355.80	360.80	8.14	373.37	1.008	373.47	8.71	372.80	1.004	372.85
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00	57.00	333.50	323.50	328.50	2.61	379.74	1.002	379.84	3.62	378.73	1.002	378.83
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00	14.00	376.50	366.50	371.50	4.45	378.14	1.040	378.41	6.32	376.27	1.028	376.41
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00	118.00	346.26	336.26	341.26	80.80	374.02	1.006	374.22	81.70	373.12	1.006	373.31
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00	62.00	401.41	391.41	396.41	32.82	423.37	1.004	423.48	39.44	416.75	1.030	417.36
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00	18.00	445.56	435.56	440.56	13.53	442.27	1.002	442.28	19.37	436.43	NA[1]	NA
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00	45.00	401.24	391.24	396.24	41.82	397.82	1.006	397.84	45.27	394.37	1.008	394.38
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00	132.00	313.59	303.59	308.59	68.18	369.10	1.040	371.52	68.70	368.58	1.040	370.98
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00	69.00	376.63	366.63	371.63	45.53	392.32	1.051	393.37	47.37	390.48	1.052	391.46
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00	40.00	405.70	395.70	400.70	37.26	400.13	1.024	400.18	40.76	396.63	1.026	396.64
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00	45.00	401.77	391.77	396.77	38.15	401.29	1.004	401.30	41.84	397.60	1.002	397.60
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00	35.00	411.29	401.29	406.29	34.92	403.60	1.002	403.60	Dry	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00	35.00	413.65	403.65	408.65	34.02	406.44	1.005	406.45	Dry	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00	120.00	325.92	315.92	320.92	67.79	370.17	1.004	370.37	67.88	370.08	1.002	370.18
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50	71.50	374.93	364.93	369.93	43.82	393.90	1.072	395.62	47.06	390.66	1.068	392.07
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00	35.00	411.25	401.25	406.25	29.62	408.42	1.008	408.44	Dry	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00	20.00	368.80	358.80	363.80	12.54	368.28	1.014	368.35	12.29	368.53	1.010	368.58
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00	20.00	369.37	359.37	364.37	12.06	369.20	1.018	369.28	12.05	369.21	1.010	369.26
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00	63.00	330.90	320.90	325.90	18.79	367.11	1.046	369.01	18.81	367.09	1.050	369.15
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00	25.00	369.50	359.50	364.50	17.91	367.92	1.008	367.95	17.80	368.03	1.010	368.07
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50	64.50	325.49	315.49	320.49	14.29	367.81	1.018	368.66	14.32	367.78	1.032	369.29
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00	25.00	364.73	354.73	359.73	14.02	367.68	1.003	367.71	13.85	367.85	1.004	367.88
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50	77.50	310.50	300.50	305.50	13.04	366.69	1.064	370.61	13.03	366.70	1.070	370.98

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2012	GW Elevation April 2012	Specific Gravity April 2012	Equivalent Fresh Water Head April 2012	DTW July 2012	GW Elevation July 2012	Specific Gravity July 2012	Equivalent Fresh Water Head July 2012
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00 -	54.00	333.90 -	323.90	328.90	12.46	367.17	1.034	368.47	12.45	367.18	1.052	369.17
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00 -	26.00	361.90 -	351.90	356.90	11.75	367.77	1.018	367.97	11.63	367.89	1.006	367.96
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00 -	129.00	281.91 -	271.91	276.91	29.85	373.44	1.032	376.53	30.89	372.40	1.030	375.27
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00 -	74.00	338.10 -	328.10	333.10	28.85	375.06	1.006	375.31	29.91	374.00	1.004	374.17
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00 -	35.00	376.21 -	366.21	371.21	28.88	374.70	1.002	374.71	29.97	373.61	1.002	373.62
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00 -	110.00	300.93 -	290.93	295.93	28.89	373.58	1.020	375.13	29.15	373.32	1.028	375.48
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00 -	69.00	341.48 -	331.48	336.48	28.45	374.28	1.006	374.51	29.35	373.38	1.012	373.82
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00 -	52.00	358.69 -	348.69	353.69	28.89	374.54	1.004	374.62	29.75	373.68	1.004	373.76
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00 -	35.00	375.79 -	365.79	370.79	29.12	374.48	1.002	374.49	30.00	373.60	1.000	373.60
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00 -	128.00	281.24 -	271.24	276.24	28.30	372.81	1.010	373.78	28.79	372.32	1.024	374.63
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00 -	73.00	336.05 -	326.05	331.05	28.00	373.63	1.006	373.88	28.83	372.80	1.006	373.05
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00 -	53.00	356.15 -	346.15	351.15	27.88	373.76	1.004	373.85	28.70	372.94	1.002	372.98
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00 -	32.00	377.10 -	367.10	372.10	27.85	373.72	1.002	373.73	28.64	372.93	1.000	372.93
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00 -	20.00	389.07 -	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50 -	129.50	276.47 -	266.47	271.47	27.31	370.95	1.026	373.54	27.98	370.28	1.027	372.95
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00 -	52.00	353.74 -	343.74	348.74	28.84	370.01	1.004	370.10	26.58	372.27	1.010	372.51
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00 -	32.00	373.50 -	363.50	368.50	24.45	373.02	1.002	373.02	25.16	372.31	1.004	372.32
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00 -	207.00	250.30 -	240.30	245.30	85.35	364.89	1.086	375.18	85.72	364.52	1.088	375.01
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00 -	135.00	322.25 -	312.25	317.25	76.37	373.27	1.004	373.50	77.15	372.49	1.006	372.82
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00 -	125.00	332.17 -	322.17	327.17	76.62	373.37	1.004	373.56	77.40	372.59	1.004	372.78
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00 -	41.00	426.30 -	406.30	416.30	23.14	426.73	1.024	426.98	26.39	423.48	1.020	423.65
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00 -	88.00	369.68 -	359.68	364.68	76.98	373.49	1.015	373.62	77.74	372.73	1.032	372.99
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00 -	194.00	263.79 -	253.79	258.79	77.78	371.84	1.032	375.46	78.53	371.09	1.032	374.68
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00 -	102.00	355.38 -	345.38	350.38	75.86	373.99	1.002	374.04	76.75	373.10	1.004	373.19
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00 -	79.00	378.53 -	368.53	373.53	75.63	373.96	1.021	374.01	76.52	373.07	1.020	373.11
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00 -	48.00	419.43 -	399.43	409.43	28.07	421.66	1.028	422.00	30.96	418.77	1.016	418.92
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00 -	152.00	249.63 -	239.63	244.63	29.34	364.45	1.074	373.31	28.43	365.36	1.076	374.53
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00 -	62.00	339.71 -	329.71	334.71	22.63	371.13	1.004	371.28	22.97	370.79	1.004	370.94
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00 -	49.00	352.85 -	342.85	347.85	23.45	371.12	1.008	371.30	23.82	370.75	1.002	370.79
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00 -	32.00	369.76 -	359.76	364.76	23.07	371.08	1.040	371.33	23.43	370.72	1.004	370.74
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00 -	30.00	381.02 -	371.02	376.02	22.66	380.84	1.000	380.84	22.69	380.81	1.002	380.82
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00 -	36.00	376.20 -	366.20	371.20	28.80	375.19	1.008	375.23	29.86	374.13	1.000	374.13
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00 -	36.00	376.13 -	366.13	371.13	29.57	374.66	1.019	374.74	30.51	373.72	1.002	373.72
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00 -	35.00	374.81 -	364.81	369.81	27.85	374.21	1.030	374.35	28.67	373.39	1.000	373.39
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00 -	34.00	373.87 -	363.87	368.87	25.95	373.99	1.002	374.00	26.81	373.13	1.002	373.13
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00 -	32.00	374.63 -	364.63	369.63	26.14	372.92	1.054	373.15	26.88	372.18	1.002	372.19
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36 -	89.36	297.21 -	287.21	292.21	9.35	369.04	1.042	372.26	9.35	369.04	1.058	373.49
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80 -	22.80	359.00 -	354.00	356.50	9.79	369.13	1.004	369.18	9.80	369.12	1.006	369.19
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00 -	63.00	392.18 -	382.18	387.18	NA	NA	NA	NA	34.95	412.27	1.028	412.98
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00 -	40.00	415.20 -	405.20	410.20	NA	NA	NA	NA	27.41	419.64	1.032	419.95
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00 -	78.00	377.06 -	367.06	372.06	33.03	414.24	1.048	416.27	35.05	412.22	1.052	414.31
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00 -	18.00	437.06 -	427.06	432.06	NA	NA	NA	NA	12.31	434.59	1.014	434.64
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80 -	74.80	333.63 -	328.63	331.13	24.71	378.41	1.000	378.41	26.20	376.92	1.000	376.92
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00 -	39.00	369.40 -	364.40	366.90	24.76	378.24	1.002	378.26	26.15	376.85	1.000	376.85
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00 -	104.00	307.92 -	297.92	302.92	29.63	372.70	1.034	375.07	30.66	371.67	1.048	374.97
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00 -	43.00	367.53 -	357.53	362.53	27.38	375.35	1.002	375.38	28.49	374.24	1.004	374.29
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00 -	76.00	334.92 -	324.92	329.92	28.30	374.14	1.008	374.49	29.22	373.22	1.010	373.65
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20 -	43.20	367.80 -	357.80	362.80	29.18	374.45	1.006	374.52	30.14	373.49	1.002	373.51
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00 -	99.00	306.89 -	296.89	301.89	24.79	372.67	1.010	373.38	25.48	371.98	1.010	372.68
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80 -	38.80	367.03 -	357.03	362.03	25.36	372.99	1.002	373.01	26.07	372.28	1.004	372.32
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00 -	120.00	275.32 -	265.32	270.32	21.44	366.17	1.076	373.45	21.45	366.16	1.074	373.25
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00 -	62.00	328.56 -	323.56	326.06	19.37	368.36	1.013	368.91	19.38	368.35	1.014	368.94
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50 -	156.10	238.59 -	228.99	233.79	25.80	361.59	1.115	376.29	26.30	361.09	1.122	376.62
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80 -	11.80	378.61 -	373.61	376.11	11.02	376.88	1.010	376.89	12.28	375.62	1.012	375.63
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80 -	79.80	312.50 -	302.50	307.50	11.94	371.44	1.000	371.44	12.63	370.75	1.002	370.88
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00 -	77.00	304.71 -	299.71	302.21	9.87	368.91	1.032	371.04	10.69	368.09	1.040	370.72
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00 -	113.00	273.33 -	263.33	268.33	15.07	363.01	1.105	372.95	15.28	362.80	1.102	372.44
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00 -	53.00	328.61 -	323.61	326.11	8.11	371.22	1.020	372.13	9.78	369.55	1.014	370.16
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00 -	74.00	311.10 -	301.10	306.10	5.69	371.56	1.008	372.08	6.48	370.77	1.010	371.42
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00 -	20.00	364.64 -	354.64	359.64	10.42	367.33	NA[2]	NA	12.05	365.70	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00 -	74.00	311.30 -	301.30	306.30	6.49	371.12	1.008	371.64	7.08	370.53	1.044	373.36
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00 -	15.00	371.30 -	361.30	366.30	7.76	370.86	1.011	370.91	8.39	370.23	1.018	370.31
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00 -	25.00	432.97 -	422.97	427.97	Dry	NA	NA	NA	25.32	424.36	NA[1]	NA
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00 -	130.00	274.82 -	244.82	259.82	8.94	366.91	1.078	375.27	9.68	366.17	1.082	374.89
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00 -	60.00	324.84 -	314.84	319.84	6.02	369.95	1.034	371.66	6.64	369.33	1.038	371.21

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2012	GW Elevation October 2012	Specific Gravity October 2012	Equivalent Fresh Water Head October 2012	DTW January 2013	GW Elevation January 2013	Specific Gravity January 2013	Equivalent Fresh Water Head January 2013
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	7.68	370.85	1.014	370.95	8.58	369.95	1.012	370.03
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	5.49	372.99	1.030	373.21	6.05	372.43	1.022	372.58
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	8.72	370.63	1.040	371.03	9.02	370.33	1.034	370.66
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	9.98	369.59	1.010	369.63	9.67	369.90	1.002	369.91
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	5.00	373.81	1.010	373.93	6.04	372.77	1.012	372.90
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	4.88	374.01	1.012	374.08	4.89	374.00	1.020	374.12
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	9.96	392.61	1.000	392.61	10.69	391.88	0.998	391.88
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	8.72	377.70	1.010	377.92	7.44	378.98	1.002	379.03
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	9.18	369.84	1.020	370.02	5.90	373.12	1.022	373.39
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	24.98	371.76	1.006	371.79	23.93	372.81	1.010	372.86
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	25.45	371.70	1.004	371.72	24.39	372.76	1.004	372.78
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	24.37	371.44	1.002	371.44	23.39	372.42	1.002	372.42
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	69.90	373.14	1.000	373.14	65.19	377.85	1.002	377.87
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	29.26	373.58	1.002	373.66	27.91	374.93	1.000	374.93
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	12.21	390.77	1.064	391.36	10.56	392.42	1.062	393.09
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	62.12	402.54	1.002	402.54	50.36	414.30	1.002	414.31
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	15.38	449.77	NA[1]	NA	Dry	NA	NA	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	9.97	371.95	1.002	372.01	9.10	372.82	1.000	372.82
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	3.46	378.23	1.002	378.25	4.81	376.88	1.000	376.88
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	19.71	359.38	1.130	373.34	19.25	359.84	1.130	373.86
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	9.99	368.78	1.010	369.71	9.60	369.17	1.008	369.92
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	8.34	370.15	1.004	370.33	7.80	370.69	1.006	370.96
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.46	375.43	1.030	375.83	3.60	375.29	1.032	375.72
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	23.23	377.28	1.004	377.55	21.16	379.35	1.004	379.63
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	29.98	370.44	1.011	370.77	29.31	371.11	1.002	371.17
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	26.83	373.41	NA[1]	NA	26.02	374.22	1.010	374.23
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	17.13	368.73	1.026	369.58	16.89	368.97	1.020	369.63
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	4.46	381.57	1.034	381.79	3.22	382.81	1.018	382.95
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	4.47	374.53	1.010	374.63	4.38	374.62	1.000	374.62
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	12.32	365.03	1.064	373.05	12.27	365.08	1.102	377.87
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	7.28	370.14	1.012	371.18	7.02	370.40	1.014	371.62
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	8.74	368.80	1.010	369.33	8.39	369.15	1.034	370.95
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.95	368.67	1.034	369.05	8.57	369.05	1.028	369.37
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	16.78	369.13	1.010	369.53	16.37	369.54	1.032	370.84
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	15.48	370.29	1.010	370.32	14.82	370.95	1.006	370.97
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	11.29	365.78	1.010	365.92	10.55	366.52	1.006	366.61
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	35.09	426.69	1.006	426.70	34.67	427.11	1.004	427.12
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	9.22	371.13	1.010	371.90	8.71	371.64	1.006	372.11
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	4.44	372.42	1.012	372.54	5.18	371.68	1.012	371.79
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	8.08	373.43	1.022	373.71	8.07	373.44	1.010	373.57
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	4.48	377.87	1.002	377.97	3.22	379.13	1.000	379.13
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	3.46	379.13	1.000	379.13	4.31	378.28	1.006	378.32
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	82.33	372.49	1.008	372.74	81.01	373.81	1.004	373.94
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	43.20	412.99	1.044	413.72	13.07	443.12	1.002	443.21
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	Dry	NA	NA	NA	7.83	447.97	1.000	447.97
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	47.91	391.73	NA[1]	NA	Dry	NA	NA	NA
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	68.85	368.43	1.042	370.94	68.46	368.82	1.040	371.23
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	51.61	386.24	1.060	387.11	49.99	387.86	1.054	388.73
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	41.38	396.01	NA[1]	NA	40.03	397.36	1.022	397.38
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	69.38	368.58	1.002	368.68	67.94	370.02	1.000	370.02
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	51.09	386.63	1.070	387.80	49.68	388.04	1.068	389.27
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	35.01	403.03	NA[1]	NA	Dry	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.73	368.09	1.014	368.16	12.51	368.31	1.012	368.37
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	12.56	368.70	1.006	368.72	12.22	369.04	1.006	369.07
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	19.04	366.86	1.044	368.66	18.82	367.08	1.038	368.64
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	18.07	367.76	1.010	367.80	17.93	367.90	1.014	367.96
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	14.72	367.38	1.030	368.78	14.51	367.59	1.048	369.85
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	14.14	367.56	1.006	367.61	13.99	367.71	1.002	367.73
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	13.46	366.27	1.060	369.92	13.24	366.49	1.056	369.91

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2012	GW Elevation October 2012	Specific Gravity October 2012	Equivalent Fresh Water Head October 2012	DTW January 2013	GW Elevation January 2013	Specific Gravity January 2013	Equivalent Fresh Water Head January 2013
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	12.72	366.91	1.040	368.43	12.48	367.15	1.044	368.83
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.85	367.67	1.011	367.79	11.69	367.83	1.060	368.49
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	31.55	371.74	1.026	374.21	30.16	373.13	1.024	375.44
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	30.53	373.38	1.002	373.46	29.14	374.77	1.002	374.86
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	30.59	372.99	1.002	373.00	29.15	374.43	1.004	374.45
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	29.69	372.78	1.020	374.31	28.51	373.96	1.020	375.52
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	29.95	372.78	1.020	373.51	28.77	373.96	1.008	374.26
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	30.34	373.09	1.004	373.16	29.14	374.29	1.004	374.37
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	30.57	373.03	1.002	373.04	29.37	374.23	1.002	374.24
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	29.34	371.77	1.010	372.73	28.56	372.55	1.020	374.48
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	29.36	372.27	1.004	372.43	28.23	373.40	1.002	373.48
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	29.24	372.40	1.004	372.48	28.10	373.54	1.002	373.58
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	29.22	372.35	1.004	372.36	28.06	373.51	1.002	373.52
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	28.48	369.78	1.030	372.73	27.51	370.75	1.034	374.13
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	27.09	371.76	1.006	371.90	26.03	372.82	1.006	372.97
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	25.68	371.79	1.004	371.80	24.63	372.84	1.004	372.85
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	86.45	363.79	1.086	373.98	85.61	364.63	1.090	375.37
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	77.73	371.91	1.004	372.13	76.53	373.11	1.002	373.22
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	77.96	372.03	1.000	372.03	76.78	373.21	1.002	373.31
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	38.10	411.77	1.020	411.82	25.31	424.56	1.022	424.76
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	78.25	372.22	1.020	372.37	77.08	373.39	1.012	373.50
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	79.09	370.53	1.030	373.88	78.03	371.59	1.032	375.20
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	77.35	372.50	1.002	372.54	76.08	373.77	1.004	373.86
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	77.05	372.54	1.016	372.57	75.85	373.74	1.022	373.79
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	38.43	411.30	1.018	411.40	23.83	425.90	1.016	426.16
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	28.83	364.96	1.074	373.86	28.29	365.50	1.076	374.68
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	23.48	370.28	1.004	370.43	22.79	370.97	1.004	371.12
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	24.34	370.23	1.050	371.34	23.61	370.96	1.002	371.00
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	23.95	370.20	1.000	370.20	23.21	370.94	1.002	370.95
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	22.90	380.60	1.000	380.60	22.22	381.28	1.004	381.30
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	30.50	373.49	1.002	373.50	29.09	374.90	1.020	374.99
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	30.12	374.11	1.002	374.11	29.83	374.40	1.006	374.42
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	29.28	372.78	1.000	372.78	28.08	373.98	1.012	374.04
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	27.38	372.56	1.002	372.56	26.19	373.75	1.002	373.75
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	27.44	371.62	1.002	371.63	26.33	372.73	1.002	372.74
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	9.74	368.65	1.010	369.41	9.42	368.97	1.030	371.27
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	10.19	368.73	1.008	368.82	9.89	369.03	1.004	369.08
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	41.51	405.71	1.040	406.45	33.19	414.03	1.018	414.52
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	33.74	413.31	1.042	413.48	24.62	422.43	1.026	422.75
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	42.36	404.91	1.054	406.69	33.76	413.51	1.050	415.59
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	19.76	427.14	NA[1]	NA	8.38	438.52	1.004	438.55
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	26.60	376.52	1.004	376.70	25.12	378.00	1.000	378.00
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	27.38	375.62	1.006	375.67	25.82	377.18	1.000	377.18
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	31.29	371.04	1.040	373.76	29.98	372.35	1.040	375.13
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	29.08	373.65	1.004	373.69	27.72	375.01	1.000	375.01
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	29.43	373.01	1.010	373.44	28.47	373.97	1.050	376.17
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	30.31	373.32	1.006	373.39	29.40	374.23	1.000	374.23
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	26.00	371.46	1.010	372.16	24.97	372.49	1.010	373.20
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	26.60	371.75	1.006	371.80	25.59	372.76	1.000	372.76
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	21.93	365.68	1.080	373.31	22.57	365.04	1.074	372.05
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	19.80	367.93	1.020	368.76	19.53	368.20	1.014	368.79
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	26.28	361.11	1.120	376.39	27.34	360.05	1.128	376.22
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	14.30	373.60	NA[1]	NA	12.92	374.98	1.012	374.99
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	12.92	370.46	1.010	371.09	12.60	370.78	1.010	371.41
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.88	367.90	1.044	370.79	10.48	368.30	1.040	370.94
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	15.38	362.70	1.106	372.70	14.07	364.01	1.100	373.58
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	10.00	369.33	1.010	369.77	9.57	369.76	1.012	370.29
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	6.59	370.66	1.010	371.31	6.20	371.05	1.040	373.65
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	13.07	364.68	1.020	364.78	11.35	366.40	1.000	366.40
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.25	370.36	1.020	371.64	6.90	370.71	1.010	371.35
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	10.84	367.78	1.022	367.85	11.25	367.37	1.014	367.41
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	25.51	424.17	1.010	424.18	17.20	432.48	1.002	432.49
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	9.80	366.05	1.080	374.55	9.32	366.53	1.080	375.07
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	6.69	369.28	1.030	370.77	6.16	369.81	1.032	371.41

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

RAMBOLL

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW May 2013	GW Elevation May 2013	Specific Gravity May 2013	Equivalent Fresh Water Head May 2013	DTW July 2013	GW Elevation July 2013	Specific Gravity July 2013	Equivalent Fresh Water Head July 2013
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	7.91	370.62	1.022	370.77	7.93	370.60	1.016	370.71
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	5.00	373.48	1.028	373.70	5.23	373.25	1.030	373.48
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	7.88	371.47	1.034	371.84	8.12	371.23	1.034	371.59
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	8.61	370.96	1.008	371.00	8.96	370.61	1.008	370.65
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	5.12	373.69	1.010	373.81	5.02	373.79	1.012	373.93
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	4.43	374.46	1.012	374.54	4.38	374.51	1.020	374.64
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	10.52	392.05	1.000	392.05	11.83	390.74	1.002	390.75
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	6.81	379.61	1.010	379.85	7.14	379.28	1.008	379.47
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	5.56	373.46	1.016	373.66	5.75	373.27	1.020	373.52
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	22.89	373.85	1.006	373.89	23.80	372.94	1.006	372.97
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	23.34	373.81	1.004	373.83	24.29	372.86	1.006	372.89
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	22.39	373.42	1.006	373.45	23.21	372.60	1.002	372.60
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	67.10	375.94	1.012	376.04	68.43	374.61	1.025	374.79
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	26.46	376.38	1.000	376.38	27.82	375.02	1.010	375.43
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	7.76	395.22	1.062	396.06	8.65	394.33	1.068	395.20
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	46.56	418.10	1.004	418.14	53.23	411.43	1.000	411.43
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	15.11	450.04	1.008	450.04	15.39	449.76	NA[1]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	8.04	373.88	1.010	374.21	8.66	373.26	1.010	373.59
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	5.91	375.78	1.000	375.78	3.40	378.29	1.002	378.31
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	18.61	360.48	1.128	374.37	18.96	360.13	1.130	374.19
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	8.98	369.79	1.014	371.10	9.48	369.29	1.020	371.16
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	7.06	371.43	1.008	371.80	7.51	370.98	1.004	371.16
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.46	375.43	1.030	375.83	3.42	375.47	1.036	375.95
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	20.38	380.13	1.004	380.41	22.74	377.77	1.002	377.91
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	28.60	371.82	1.002	371.88	29.07	371.35	1.010	371.66
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	Dry	NA	NA	NA	24.53	375.71	1.002	375.71
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	16.36	369.50	1.014	369.97	16.46	369.40	1.022	370.13
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	3.03	383.00	1.012	383.09	2.15	383.88	1.018	384.04
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	3.37	375.63	1.008	375.72	4.72	374.28	1.024	374.52
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	12.44	364.91	1.090	376.18	12.33	365.02	1.092	376.55
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	6.83	370.59	1.016	371.98	7.09	370.33	1.014	371.54
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	7.95	369.59	1.010	370.12	8.10	369.44	1.014	370.18
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.03	369.59	1.034	370.00	8.15	369.47	1.034	369.87
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	15.91	370.00	1.014	370.58	16.10	369.81	1.050	371.86
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	12.51	373.26	1.008	373.30	13.08	372.69	1.004	372.71
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	10.10	366.97	1.010	367.12	10.34	366.73	1.012	366.90
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	34.65	427.13	1.002	427.13	34.36	427.42	1.006	427.44
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	8.11	372.24	1.008	372.87	8.21	372.14	1.010	372.92
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	5.18	371.68	1.010	371.77	4.35	372.51	1.006	372.57
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	7.58	373.93	1.022	374.22	7.51	374.00	1.008	374.11
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	2.15	380.20	1.002	380.30	2.49	379.86	1.002	379.96
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	4.04	378.55	1.002	378.56	2.47	380.12	1.000	380.12
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	79.72	375.10	1.004	375.24	80.94	373.88	1.006	374.08
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	17.09	439.10	1.000	439.10	35.21	420.98	1.014	421.32
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	9.81	445.99	1.000	445.99	14.64	441.16	1.000	441.16
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	39.55	400.09	1.008	400.12	43.29	396.35	1.006	396.36
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	67.88	369.40	1.042	371.95	68.09	369.19	1.042	371.73
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	45.39	392.46	1.054	393.58	46.48	391.37	1.060	392.55
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	35.80	401.59	1.024	401.66	38.08	399.31	1.024	399.35
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	37.00	402.44	1.004	402.46	40.20	399.24	1.004	399.25
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	33.62	404.90	1.006	404.91	35.84	402.68	1.018	402.69
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	32.83	407.63	1.006	407.64	35.25	405.21	NA[1]	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	67.35	370.61	1.004	370.81	67.59	370.37	1.022	371.46
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	42.57	395.15	1.072	396.96	45.19	392.53	1.080	394.34
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	25.73	412.31	1.006	412.34	Dry	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.21	368.61	1.010	368.66	12.09	368.73	1.010	368.78
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	11.73	369.53	1.004	369.55	11.79	369.47	1.008	369.51
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	18.41	367.49	1.044	369.32	18.48	367.42	1.090	371.16
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	17.63	368.20	1.012	368.25	17.64	368.19	1.012	368.24
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	14.04	368.06	1.022	369.10	14.15	367.95	1.092	372.31
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	13.68	368.02	1.004	368.06	13.71	367.99	1.008	368.06
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	12.74	366.99	1.054	370.31	12.78	366.95	1.058	370.51

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW May 2013	GW Elevation May 2013	Specific Gravity May 2013	Equivalent Fresh Water Head May 2013	DTW July 2013	GW Elevation July 2013	Specific Gravity July 2013	Equivalent Fresh Water Head July 2013
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	- 54.00	333.90	- 323.90	328.90	12.02	367.61	1.036	369.00	12.14	367.49	1.048	369.34
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	- 26.00	361.90	- 351.90	356.90	11.34	368.18	1.016	368.36	11.49	368.03	1.008	368.12
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	- 129.00	281.91	- 271.91	276.91	28.89	374.40	1.054	379.67	30.19	373.10	1.030	375.99
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	- 74.00	338.10	- 328.10	333.10	27.77	376.14	1.002	376.23	29.17	374.74	1.004	374.91
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	- 35.00	376.21	- 366.21	371.21	27.73	375.85	1.002	375.86	29.14	374.44	1.002	374.45
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	- 110.00	300.93	- 290.93	295.93	27.20	375.27	1.020	376.85	28.49	373.98	1.052	378.03
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	- 69.00	341.48	- 331.48	336.48	27.57	375.16	1.022	376.01	28.68	374.05	1.018	374.73
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	- 52.00	358.69	- 348.69	353.69	27.96	375.47	1.004	375.55	29.03	374.40	1.008	374.56
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	- 35.00	375.79	- 365.79	370.79	28.19	375.41	1.012	375.47	29.29	374.31	1.002	374.32
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	- 128.00	281.24	- 271.24	276.24	27.60	373.51	1.020	375.46	28.59	372.52	1.040	376.38
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	- 73.00	336.05	- 326.05	331.05	27.13	374.50	1.026	375.62	28.21	373.42	1.022	374.35
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	- 53.00	356.15	- 346.15	351.15	26.97	374.67	1.018	375.09	28.02	373.62	1.018	374.02
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	- 32.00	377.10	- 367.10	372.10	26.92	374.65	1.000	374.65	27.97	373.60	1.000	373.60
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	- 20.00	389.07	- 379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	- 129.50	276.47	- 266.47	271.47	26.53	371.73	1.024	374.14	27.35	370.91	1.026	373.50
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	- 52.00	353.74	- 343.74	348.74	24.98	373.87	1.004	373.97	25.92	372.93	1.006	373.08
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	- 32.00	373.50	- 363.50	368.50	23.58	373.89	1.004	373.91	24.53	372.94	1.000	372.94
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	- 207.00	250.30	- 240.30	245.30	84.65	365.59	1.086	375.94	85.31	364.93	1.088	375.46
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	- 135.00	322.25	- 312.25	317.25	75.39	374.25	1.002	374.37	76.44	373.20	1.004	373.43
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	- 125.00	332.17	- 322.17	327.17	75.63	374.36	1.002	374.46	76.64	373.35	1.012	373.91
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	- 41.00	426.30	- 406.30	416.30	22.69	427.18	1.020	427.40	24.13	425.74	1.020	425.93
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	- 88.00	369.68	- 359.68	364.68	75.96	374.51	1.012	374.63	77.02	373.45	1.026	373.68
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	- 194.00	263.79	- 253.79	258.79	76.83	372.79	1.032	376.44	78.15	371.47	1.030	374.85
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	- 102.00	355.38	- 345.38	350.38	74.82	375.03	1.004	375.13	76.02	373.83	1.020	374.30
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	- 79.00	378.53	- 368.53	373.53	74.67	374.92	1.024	374.99	75.71	373.88	1.022	373.93
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	- 48.00	419.43	- 399.43	409.43	23.19	426.54	1.018	426.84	27.88	421.85	1.036	422.29
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	- 152.00	249.63	- 239.63	244.63	27.50	366.29	1.074	375.29	27.88	365.91	1.074	374.88
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	- 62.00	339.71	- 329.71	334.71	21.94	371.82	1.020	372.57	22.48	371.28	1.068	373.77
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	- 49.00	352.85	- 342.85	347.85	22.78	371.79	1.006	371.93	23.32	371.25	1.100	373.59
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	- 32.00	369.76	- 359.76	364.76	22.40	371.75	1.008	371.80	22.93	371.22	1.004	371.24
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	- 30.00	381.02	- 371.02	376.02	21.26	382.24	1.004	382.27	20.95	382.55	1.002	382.57
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	- 36.00	376.20	- 366.20	371.20	27.69	376.30	1.002	376.31	29.05	374.94	1.000	374.94
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	- 36.00	376.13	- 366.13	371.13	28.65	375.58	1.004	375.59	29.83	374.40	1.020	374.48
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	- 35.00	374.81	- 364.81	369.81	26.00	376.06	1.000	376.06	27.93	374.13	1.048	374.36
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	- 34.00	373.87	- 363.87	368.87	25.03	374.91	1.000	374.91	26.09	373.85	1.002	373.85
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	- 32.00	374.63	- 364.63	369.63	25.22	373.84	1.014	373.91	26.23	372.83	1.002	372.84
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	- 89.36	297.21	- 287.21	292.21	8.90	369.49	1.006	369.95	9.10	369.29	1.060	373.91
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	- 22.80	359.00	- 354.00	356.50	9.36	369.56	1.008	369.66	9.55	369.37	1.002	369.39
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	- 63.00	392.18	- 382.18	387.18	30.90	416.32	1.020	416.91	32.12	415.10	1.030	415.94
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	- 40.00	415.20	- 405.20	410.20	23.08	423.97	1.030	424.39	24.51	422.54	1.040	423.04
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	- 78.00	377.06	- 367.06	372.06	31.04	416.23	1.044	418.18	32.28	414.99	1.056	417.40
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	- 18.00	437.06	- 427.06	432.06	5.85	441.05	1.010	441.14	8.05	438.85	1.008	438.91
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	- 74.80	333.63	- 328.63	331.13	23.67	379.45	1.002	379.55	25.10	378.02	1.002	378.11
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	- 39.00	369.40	- 364.40	366.90	24.11	378.89	1.002	378.91	25.44	377.56	1.000	377.56
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	- 104.00	307.92	- 297.92	302.92	28.73	373.60	1.042	376.57	29.98	372.35	1.048	375.68
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	- 43.00	367.53	- 357.53	362.53	26.27	376.46	1.002	376.49	27.70	375.03	1.002	375.06
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	- 76.00	334.92	- 324.92	329.92	27.66	374.78	1.008	375.14	28.50	373.94	1.008	374.29
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	- 43.20	367.80	- 357.80	362.80	28.59	375.04	1.002	375.07	29.42	374.21	1.000	374.21
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	- 99.00	306.89	- 296.89	301.89	23.96	373.50	1.006	373.93	24.84	372.62	1.008	373.19
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	- 38.80	367.03	- 357.03	362.03	24.47	373.88	1.002	373.90	25.39	372.96	1.004	373.00
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	- 120.00	275.32	- 265.32	270.32	21.00	366.61	1.072	373.54	25.01	362.60	1.070	369.06
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	- 62.00	328.56	- 323.56	326.06	19.05	368.68	1.014	369.27	19.08	368.65	1.018	369.41
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	- 156.10	238.59	- 228.99	233.79	25.36	362.03	1.116	376.91	25.62	361.77	1.094	373.80
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	- 11.80	378.61	- 373.61	376.11	10.37	377.53	1.002	377.53	10.99	376.91	1.010	376.92
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	- 79.80	312.50	- 302.50	307.50	12.30	371.08	1.056	374.64	12.46	370.92	1.022	372.32
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	- 77.00	304.71	- 299.71	302.21	9.88	368.90	1.040	371.56	10.52	368.26	1.044	371.16
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	- 113.00	273.33	- 263.33	268.33	14.45	363.63	1.102	373.35	14.54	363.54	1.104	373.44
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	- 53.00	328.61	- 323.61	326.11	8.92	370.41	1.014	371.03	9.19	370.14	1.016	370.85
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	- 74.00	311.10	- 301.10	306.10	5.74	371.51	1.010	372.16	5.87	371.38	1.034	373.60
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	- 20.00	364.64	- 354.64	359.64	9.35	368.40	NA[2]	NA	9.28	368.47	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	- 74.00	311.30	- 301.30	306.30	7.02	370.59	1.010	371.23	7.31	370.30	1.042	372.99
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	- 15.00	371.30	- 361.30	366.30	8.18	370.44	1.020	370.53	8.35	370.27	1.030	370.40
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	- 25.00	432.97	- 422.97	427.97	17.48	432.20	1.004	432.22	Dry	NA	NA	NA
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	- 130.00	274.82	- 244.82	259.82	8.95	366.90	1.079	375.36	9.03	366.82	1.104	377.95
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	- 60.00	324.84	- 314.84	319.84	5.74	370.23	1.030	371.75	5.85	370.12	1.032	371.73

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2013	GW Elevation October 2013	Specific Gravity October 2013	Equivalent Fresh Water Head October 2013	DTW January 2014	GW Elevation January 2014	Specific Gravity January 2014	Equivalent Fresh Water Head January 2014
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	8.26	370.27	1.020	370.40	7.61	370.92	1.012	371.01
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	6.02	372.46	1.024	372.62	4.91	373.57	1.022	373.74
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	8.45	370.90	1.032	371.23	7.79	371.56	1.036	371.95
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	9.55	370.02	NA[2]	NA	8.74	370.83	NA[2]	NA
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	5.70	373.11	1.010	373.22	4.73	374.08	1.010	374.20
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	5.08	373.81	1.010	373.87	4.25	374.64	1.014	374.73
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	10.27	392.30	1.002	392.31	10.87	391.70	1.002	391.71
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	7.97	378.45	1.006	378.59	6.99	379.43	1.010	379.67
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	5.61	373.41	1.020	373.66	5.63	373.39	1.018	373.61
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	23.85	372.89	1.006	372.92	23.26	373.48	1.006	373.52
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	24.28	372.87	1.004	372.89	23.72	373.43	1.004	373.45
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	23.26	372.55	1.004	372.56	22.75	373.06	1.002	373.06
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	68.48	374.56	1.006	374.60	67.81	375.23	1.010	375.31
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	27.95	374.89	1.010	375.30	27.18	375.66	1.000	375.66
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	10.27	392.71	1.064	393.42	8.51	394.47	1.064	395.29
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	58.55	406.11	1.002	406.12	49.05	415.61	1.000	415.61
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	Dry	NA	NA	NA	15.10	450.05	NA[1]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	9.03	372.89	1.002	372.95	8.30	373.62	1.014	374.08
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	4.34	377.35	1.002	377.37	5.15	376.54	1.002	376.56
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	19.39	359.70	1.126	373.27	18.74	360.35	1.130	374.44
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	9.72	369.05	1.038	372.59	9.45	369.32	1.024	371.56
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	7.54	370.95	1.010	371.40	7.31	371.18	1.008	371.54
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.55	375.34	1.030	375.74	3.40	375.49	1.030	375.89
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	22.49	378.02	1.006	378.43	20.85	379.66	1.004	379.94
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	29.01	371.41	1.002	371.47	28.74	371.68	1.002	371.74
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	25.50	374.74	1.004	374.74	24.11	376.13	1.000	376.13
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	16.50	369.36	1.030	370.36	16.42	369.44	1.022	370.17
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	3.43	382.60	1.016	382.72	3.02	383.01	1.014	383.12
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	5.05	373.95	1.002	373.97	3.81	375.19	1.002	375.21
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	12.53	364.82	1.080	374.83	12.21	365.14	1.096	377.18
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	7.25	370.17	1.020	371.90	7.36	370.06	1.024	372.14
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	8.18	369.36	1.040	371.48	8.10	369.44	1.016	370.29
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.25	369.37	1.034	369.77	8.00	369.62	1.030	369.98
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	16.12	369.79	1.048	371.75	16.03	369.88	1.042	371.60
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	13.64	372.13	1.010	372.17	11.95	373.82	1.006	373.85
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	9.71	367.36	1.012	367.54	10.23	366.84	1.020	367.13
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	34.45	427.33	1.008	427.35	34.01	427.77	1.002	427.78
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	8.48	371.87	1.012	372.80	8.30	372.05	1.010	372.83
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	4.79	372.07	1.006	372.13	5.20	371.66	1.002	371.68
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	7.90	373.61	1.008	373.71	7.89	373.62	1.008	373.72
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	3.82	378.53	1.008	378.93	2.54	379.81	1.004	380.02
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	4.10	378.49	1.002	378.50	4.16	378.43	1.004	378.46
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	80.90	373.92	1.006	374.12	80.38	374.44	1.006	374.64
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	41.55	414.64	1.024	415.08	30.78	425.41	1.004	425.53
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	Dry	NA	NA	NA	10.65	445.15	1.002	445.16
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	47.80	391.84	NA[1]	NA	42.31	397.33	1.004	397.34
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	68.20	369.08	1.042	371.62	68.04	369.24	1.040	371.66
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	49.76	388.09	1.058	389.04	46.67	391.18	1.054	392.23
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	41.35	396.04	NA[1]	NA	37.10	400.29	1.022	400.34
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	46.72	392.72	NA[1]	NA	38.70	400.74	1.002	400.74
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	Dry	NA	NA	NA	33.83	404.69	1.002	404.69
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	Dry	NA	NA	NA	30.95	409.51	1.004	409.52
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	67.54	370.42	1.006	370.72	67.36	370.60	1.002	370.70
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	49.85	387.87	1.070	389.12	44.63	393.09	1.098	395.36
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	Dry	NA	NA	NA	26.52	411.52	1.006	411.55
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.03	368.79	1.012	368.85	12.05	368.77	1.010	368.82
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	11.79	369.47	1.008	369.51	11.62	369.64	1.006	369.67
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	18.47	367.43	1.044	369.26	18.32	367.58	1.054	369.83
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	17.50	368.33	1.008	368.37	17.52	368.31	1.010	368.35
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	14.16	367.94	1.030	369.36	14.09	368.01	1.034	369.62
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	13.57	368.13	1.002	368.15	13.63	368.07	1.004	368.11
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	12.82	366.91	1.060	370.59	12.70	367.03	1.056	370.48

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2013	GW Elevation October 2013	Specific Gravity October 2013	Equivalent Fresh Water Head October 2013	DTW January 2014	GW Elevation January 2014	Specific Gravity January 2014	Equivalent Fresh Water Head January 2014
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	12.07	367.56	1.042	369.18	11.98	367.65	1.046	369.43
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.29	368.23	1.006	368.30	11.29	368.23	1.008	368.32
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	30.41	372.88	1.036	376.34	29.84	373.45	1.034	376.73
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	29.22	374.69	1.002	374.78	28.45	375.46	1.002	375.55
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	29.22	374.36	1.004	374.38	28.38	375.20	1.002	375.21
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	28.55	373.92	1.024	375.79	27.95	374.52	1.022	376.24
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	28.68	374.05	1.010	374.42	28.00	374.73	1.018	375.42
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	29.50	373.93	1.006	374.05	28.38	375.05	1.006	375.17
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	29.31	374.29	1.002	374.30	28.64	374.96	1.002	374.97
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	28.75	372.36	1.024	374.67	28.23	372.88	1.024	375.20
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	28.19	373.44	1.006	373.69	27.50	374.13	1.008	374.47
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	28.02	373.62	1.004	373.71	27.35	374.29	1.006	374.43
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	28.00	373.57	1.002	373.58	27.30	374.27	1.002	374.28
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	27.37	370.89	1.028	373.67	26.89	371.37	1.028	374.17
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	25.94	372.91	1.006	373.06	25.38	373.47	1.004	373.57
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	24.54	372.93	1.004	372.94	23.97	373.50	1.004	373.52
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	85.55	364.69	1.090	375.44	84.97	365.27	1.090	376.07
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	76.46	373.18	1.008	373.63	75.86	373.78	1.004	374.01
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	76.71	373.28	1.006	373.56	76.10	373.89	1.004	374.08
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	29.22	420.65	1.020	420.79	23.35	426.52	1.024	426.76
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	77.02	373.45	1.018	373.61	76.45	374.02	1.014	374.15
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	78.01	371.61	1.032	375.22	77.55	372.07	1.038	376.37
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	76.05	373.80	1.004	373.89	75.84	374.01	1.002	374.06
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	75.84	373.75	1.022	373.80	75.10	374.49	1.020	374.55
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	32.74	416.99	1.016	417.13	24.75	424.98	1.020	425.29
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	28.10	365.69	1.076	374.89	27.55	366.24	1.072	374.99
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	22.50	371.26	1.004	371.41	22.19	371.57	1.010	371.94
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	23.32	371.25	1.012	371.53	22.99	371.58	1.010	371.81
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	22.94	371.21	1.006	371.25	22.61	371.54	1.010	371.60
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	24.73	378.77	1.002	378.78	22.33	381.17	1.002	381.18
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	29.15	374.84	1.004	374.86	28.36	375.63	1.002	375.64
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	29.82	374.41	1.002	374.41	29.08	375.15	1.002	375.16
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	28.10	373.96	1.002	373.97	27.33	374.73	1.000	374.73
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	26.09	373.85	1.002	373.85	25.45	374.49	1.000	374.49
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	26.25	372.81	1.002	372.82	25.65	373.41	1.002	373.42
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	9.00	369.39	1.016	370.62	8.94	369.45	1.012	370.37
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	9.47	369.45	1.006	369.52	9.39	369.53	1.008	369.63
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	36.05	411.17	1.030	411.89	32.62	414.60	1.036	415.59
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	28.23	418.82	1.034	419.12	24.60	422.45	1.034	422.87
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	36.43	410.84	1.052	412.86	32.93	414.34	1.054	416.63
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	14.53	432.37	1.004	432.38	7.18	439.72	1.004	439.75
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	25.21	377.91	1.006	378.19	24.45	378.67	1.000	378.67
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	25.27	377.73	1.002	377.75	24.56	378.44	1.000	378.44
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	30.12	372.21	1.050	375.67	26.75	375.58	1.046	378.92
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	27.75	374.98	1.002	375.00	26.95	375.78	1.002	375.81
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	28.45	373.99	1.010	374.43	28.00	374.44	1.012	374.98
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	29.34	374.29	1.000	374.29	28.88	374.75	1.000	374.75
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	24.90	372.56	1.008	373.13	24.35	373.11	1.008	373.68
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	25.48	372.87	1.004	372.91	24.89	373.46	1.002	373.48
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	21.20	366.41	1.058	371.98	21.08	366.53	1.058	372.11
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	19.11	368.62	1.014	369.21	19.00	368.73	1.022	369.66
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	25.88	361.51	1.118	376.58	25.89	361.50	1.100	374.28
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	13.02	374.88	1.018	374.89	11.29	376.61	1.012	376.63
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	13.81	369.57	1.044	372.30	13.80	369.58	1.044	372.31
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.15	368.63	1.044	371.55	10.05	368.73	1.042	371.52
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	14.50	363.58	1.104	373.49	14.73	363.35	1.100	372.85
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	9.20	370.13	1.014	370.75	9.01	370.32	1.012	370.85
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	5.95	371.30	1.024	372.86	5.97	371.28	1.020	372.58
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	9.97	367.78	NA[2]	NA	10.98	366.77	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.30	370.31	1.022	371.72	7.34	370.27	1.032	372.32
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	10.37	368.25	1.030	368.35	10.25	368.37	1.030	368.48
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	24.56	425.12	NA[1]	NA	20.71	428.97	1.004	428.98
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.94	366.91	1.080	375.48	8.93	366.92	1.080	375.49
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	5.67	370.30	1.032	371.92	5.69	370.28	1.034	372.00

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2014	GW Elevation April 2014	Specific Gravity April 2014	Equivalent Fresh Water Head April 2014	DTW July 2014	GW Elevation July 2014	Specific Gravity July 2014	Equivalent Fresh Water Head July 2014
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	6.85	371.68	1.016	371.81	8.58	369.95	1.012	370.03
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	3.61	374.87	1.022	375.07	5.75	372.73	1.014	372.83
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	6.48	372.87	1.032	373.26	8.59	370.76	1.036	371.12
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	7.70	371.87	1.002	371.88	9.66	369.91	1.000	369.91
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	3.57	375.24	1.010	375.37	5.67	373.14	1.008	373.23
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	3.25	375.64	1.008	375.70	5.07	373.82	1.012	373.89
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	10.87	391.70	1.002	391.71	15.12	387.45	1.000	387.45
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	6.99	379.43	1.010	379.67	7.37	379.05	1.006	379.19
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	5.63	373.39	1.018	373.61	6.67	372.35	1.018	372.55
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	21.98	374.76	1.006	374.80	24.30	372.44	1.004	372.46
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	22.37	374.78	1.006	374.82	24.78	372.37	1.004	372.39
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	21.51	374.30	1.002	374.31	23.75	372.06	1.002	372.06
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	65.87	377.17	1.010	377.27	69.05	373.99	1.006	374.03
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	25.16	377.68	1.010	378.12	28.48	374.36	1.002	374.44
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	6.22	396.76	1.066	397.76	8.40	394.58	1.064	395.41
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	39.53	425.13	1.002	425.17	55.15	409.51	1.002	409.52
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	14.34	450.81	1.002	450.81	15.38	449.77	NA[1]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	8.30	373.62	1.014	374.08	9.05	372.87	1.010	373.19
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	5.15	376.54	1.002	376.56	5.85	375.84	1.000	375.84
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	18.74	360.35	1.130	374.44	19.35	359.74	1.130	373.75
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	9.45	369.32	1.024	371.56	10.20	368.57	1.030	371.35
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	7.31	371.18	1.008	371.54	7.98	370.51	1.006	370.78
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.40	375.49	1.030	375.89	4.80	374.09	1.028	374.43
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	19.05	381.46	1.002	381.60	22.62	377.89	1.002	378.03
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	27.62	372.80	1.000	372.80	29.50	370.92	1.000	370.92
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	18.84	381.40	1.000	381.40	24.79	375.45	1.000	375.45
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	15.65	370.21	1.024	371.03	16.90	368.96	1.020	369.62
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	2.95	383.08	1.012	383.18	3.48	382.55	1.014	382.65
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	2.92	376.08	1.002	376.10	5.40	373.60	1.002	373.62
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	11.90	365.45	1.102	378.28	12.82	364.53	1.090	375.76
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	6.86	370.56	1.022	372.47	8.19	369.23	1.022	371.11
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	7.48	370.06	1.028	371.57	8.75	368.79	1.038	370.78
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	7.39	370.23	1.034	370.66	8.69	368.93	1.034	369.32
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	15.13	370.78	1.022	371.70	16.74	369.17	1.030	370.38
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	12.34	373.43	1.004	373.45	14.46	371.31	1.004	371.33
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	10.23	366.84	1.020	367.13	10.80	366.27	1.014	366.47
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	34.01	427.77	1.002	427.78	33.25	428.53	1.004	428.54
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	8.30	372.05	1.010	372.83	8.80	371.55	1.010	372.32
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	5.20	371.66	1.002	371.68	5.89	370.97	1.002	370.99
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	7.89	373.62	1.008	373.72	8.52	372.99	1.006	373.06
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	2.54	379.81	1.004	380.02	2.97	379.38	1.004	379.58
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	4.16	378.43	1.004	378.46	5.82	376.77	1.016	376.85
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	78.32	376.50	1.008	376.78	81.51	373.31	1.010	373.63
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	24.07	432.12	1.004	432.26	37.09	419.10	1.016	419.46
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	6.62	449.18	1.004	449.21	18.93	436.87	1.004	436.87
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	37.88	401.76	1.004	401.78	44.97	394.67	1.006	394.68
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	68.04	369.24	1.040	371.66	68.72	368.56	1.044	371.19
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	46.67	391.18	1.054	392.23	46.94	390.91	1.052	391.91
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	37.10	400.29	1.022	400.34	40.12	397.27	1.018	397.28
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	38.96	400.48	1.002	400.48	41.90	397.54	1.002	397.54
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	32.60	405.92	1.002	405.92	Dry	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	29.55	410.91	1.002	410.92	Dry	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	67.50	370.46	1.002	370.56	67.97	369.99	1.002	370.09
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	41.54	396.18	1.070	398.02	47.03	390.69	1.072	392.18
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	24.98	413.06	1.006	413.10	Dry	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	11.52	369.30	1.010	369.36	12.58	368.24	1.010	368.29
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	10.87	370.39	1.006	370.42	12.28	368.98	1.006	369.00
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	17.70	368.20	1.050	370.32	18.87	367.03	1.060	369.50
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	16.92	368.91	1.012	368.97	18.02	367.81	1.010	367.85
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	13.40	368.70	1.052	371.20	14.58	367.52	1.032	369.02
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	13.04	368.66	1.006	368.72	14.06	367.64	1.004	367.67
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	12.01	367.72	1.060	371.45	13.15	366.58	1.058	370.12

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2014	GW Elevation April 2014	Specific Gravity April 2014	Equivalent Fresh Water Head April 2014	DTW July 2014	GW Elevation July 2014	Specific Gravity July 2014	Equivalent Fresh Water Head July 2014
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	11.30	368.33	1.048	370.22	12.46	367.17	1.044	368.85
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	10.67	368.85	1.010	368.97	11.78	367.74	1.004	367.78
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	27.94	375.35	1.044	379.68	31.07	372.22	1.036	375.65
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	26.51	377.40	1.002	377.49	29.69	374.22	1.010	374.63
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	26.45	377.13	1.002	377.14	29.70	373.88	1.002	373.89
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	26.26	376.21	1.026	378.29	29.10	373.37	1.022	375.07
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	26.55	376.18	1.012	376.66	29.16	373.57	1.010	373.94
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	26.92	376.51	1.008	376.69	29.56	373.87	1.006	373.99
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	27.16	376.44	1.002	376.45	29.78	373.82	1.000	373.82
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	26.98	374.13	1.028	376.87	29.42	371.69	1.024	373.98
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	26.14	375.49	1.006	375.75	29.65	371.98	1.008	372.30
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	25.97	375.67	1.004	375.77	28.47	373.17	1.006	373.30
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	25.88	375.69	1.002	375.70	28.45	373.12	1.000	373.12
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	25.67	372.59	1.030	375.62	27.85	370.41	1.026	372.98
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	23.97	374.88	1.004	374.99	26.41	372.44	1.004	372.54
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	22.60	374.87	1.002	374.88	25.02	372.45	1.002	372.45
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	83.87	366.37	1.090	377.27	85.95	364.29	1.086	374.53
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	74.31	375.33	1.004	375.57	76.97	372.67	1.004	372.89
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	74.58	375.41	1.004	375.61	77.21	372.78	1.014	373.42
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	21.67	428.20	1.030	428.56	23.99	425.88	1.022	426.09
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	74.89	375.58	1.014	375.73	77.56	372.91	1.020	373.08
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	75.83	373.79	1.034	377.70	78.36	371.26	1.034	375.08
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	73.76	376.09	1.002	376.14	76.58	373.27	1.006	373.41
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	73.49	376.10	1.024	376.19	76.13	373.46	1.018	373.50
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	19.97	429.76	1.014	430.04	29.06	420.67	1.018	420.87
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	26.74	367.05	1.076	376.35	28.27	365.52	1.076	374.70
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	22.60	371.16	1.008	371.45	23.01	370.75	1.032	371.91
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	21.97	372.60	1.022	373.14	23.81	370.76	1.002	370.80
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	21.60	372.55	1.014	372.66	23.45	370.70	1.002	370.71
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	19.88	383.62	1.004	383.65	21.44	382.06	1.002	382.07
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	26.38	377.61	1.002	377.62	29.65	374.34	1.003	374.35
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	27.41	376.82	1.002	376.83	30.08	374.15	1.000	374.15
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	25.90	376.16	1.002	376.17	28.48	373.58	1.000	373.58
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	24.02	375.92	1.002	375.93	26.57	373.37	1.000	373.37
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	24.23	374.83	1.002	374.84	26.69	372.37	1.002	372.38
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	8.18	370.21	1.028	372.39	9.52	368.87	1.020	370.40
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	8.60	370.32	1.004	370.37	9.97	368.95	1.002	368.97
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	30.78	416.44	1.026	417.20	32.51	414.71	1.026	415.43
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	22.98	424.07	1.026	424.43	24.92	422.13	1.030	422.49
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	31.00	416.27	1.056	418.75	32.58	414.69	1.052	416.91
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	4.35	442.55	1.004	442.59	7.61	439.29	1.002	439.31
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	23.32	379.80	1.000	379.80	25.92	377.20	1.000	377.20
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	22.25	380.75	1.000	380.75	25.60	377.40	1.000	377.40
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	27.58	374.75	1.048	378.20	30.67	371.66	1.048	374.96
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	24.99	377.74	1.003	377.79	28.25	374.48	1.000	374.48
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	26.72	375.72	1.026	376.91	29.03	373.41	1.010	373.85
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	27.60	376.03	1.002	376.06	29.92	373.71	1.000	373.71
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	22.98	374.48	1.010	375.21	25.36	372.10	1.010	372.80
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	23.50	374.85	1.004	374.90	25.93	372.42	1.004	372.46
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	14.30	373.31	1.000	373.31	15.87	371.74	1.004	372.14
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	18.25	369.48	1.012	370.00	19.51	368.22	1.014	368.81
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	22.09	365.30	1.026	368.72	23.68	363.71	1.112	378.27
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	9.26	378.64	1.002	378.64	11.66	376.24	1.012	376.25
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	13.80	369.58	1.044	372.31	14.52	368.86	1.036	371.07
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.05	368.73	1.042	371.52	10.59	368.19	1.042	370.96
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	14.73	363.35	1.100	372.85	14.89	363.19	1.100	372.68
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	7.97	371.36	1.012	371.91	9.60	369.73	1.014	370.34
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	5.97	371.28	1.020	372.58	6.51	370.74	1.022	372.16
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	10.98	366.77	NA[2]	NA	9.88	367.87	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.34	370.27	1.032	372.32	8.49	369.12	1.038	371.51
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	10.25	368.37	1.030	368.48	8.92	369.70	1.020	369.78
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	9.85	439.83	1.002	439.85	25.40	424.28	1.010	424.29
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.93	366.92	1.080	375.49	9.45	366.40	1.080	374.93
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	5.69	370.28	1.034	372.00	6.25	369.72	1.036	371.52

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2014	GW Elevation October 2014	Specific Gravity October 2014	Equivalent Fresh Water Head October 2014	DTW February 2015	GW Elevation February 2015	Specific Gravity February 2015	Equivalent Fresh Water Head February 2015
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	7.96	370.57	1.014	370.67	8.88	369.65	1.014	369.74
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	5.85	372.63	1.024	372.80	6.80	371.68	1.024	371.82
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	8.33	371.02	1.030	371.33	9.37	369.98	1.032	370.28
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	9.81	369.76	NA[2]	NA	10.31	369.26	NA[2]	NA
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	5.46	373.35	1.012	373.49	6.60	372.21	1.010	372.31
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	5.36	373.53	1.016	373.62	5.86	373.03	1.010	373.08
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	10.36	392.21	1.002	392.22	13.33	389.24	1.000	389.24
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	8.24	378.18	1.008	378.36	7.90	378.52	1.004	378.61
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	6.74	372.28	1.020	372.51	6.47	372.55	1.018	372.76
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	24.28	372.46	1.008	372.50	24.14	372.60	1.004	372.62
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	24.74	372.41	1.004	372.43	24.58	372.57	1.004	372.59
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	23.64	372.17	1.002	372.17	23.55	372.26	1.002	372.26
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	69.04	374.00	1.006	374.04	68.75	374.29	1.004	374.32
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	28.45	374.39	1.006	374.63	28.18	374.66	1.000	374.66
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	10.90	392.08	1.064	392.75	10.00	392.98	1.070	393.78
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	59.91	404.75	1.002	404.75	55.58	409.08	1.000	409.08
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	15.46	449.69	NA[1]	NA	15.53	449.62	NA[1]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	9.40	372.52	1.002	372.58	9.25	372.67	1.006	372.86
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	3.68	378.01	1.000	378.01	6.14	375.55	1.000	375.55
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	19.23	359.86	1.128	373.67	19.30	359.79	1.126	373.37
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	10.14	368.63	1.030	371.41	10.32	368.45	1.034	371.59
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	7.85	370.64	1.006	370.91	8.05	370.44	1.006	370.71
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.42	375.47	1.030	375.87	3.99	374.90	1.028	375.26
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	23.25	377.26	1.002	377.39	22.50	378.01	1.002	378.15
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	29.36	371.06	1.002	371.12	29.50	370.92	1.000	370.92
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	26.01	374.23	1.004	374.23	26.15	374.09	1.010	374.10
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	16.70	369.16	1.020	369.82	16.91	368.95	1.014	369.41
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	4.25	381.78	1.022	381.93	3.36	382.67	1.020	382.82
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	4.96	374.04	1.010	374.14	4.95	374.05	1.002	374.07
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	12.96	364.39	1.094	376.11	13.20	364.15	1.100	376.60
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	8.13	369.29	1.022	371.18	8.58	368.84	1.026	371.06
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	8.62	368.92	1.020	369.97	8.92	368.62	1.016	369.46
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.50	369.12	1.032	369.49	8.70	368.92	1.034	369.30
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	16.71	369.20	1.030	370.41	16.84	369.07	1.022	369.95
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	15.10	370.67	1.010	370.70	14.92	370.85	1.006	370.87
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	11.55	365.52	1.020	365.79	11.36	365.71	1.014	365.90
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	33.80	427.98	1.004	427.99	Dry	NA	NA	NA
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	8.83	371.52	1.012	372.45	9.02	371.33	1.010	372.10
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	4.46	372.40	1.006	372.46	5.52	371.34	1.002	371.36
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	8.49	373.02	1.010	373.14	8.53	372.98	1.016	373.17
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	4.00	378.35	1.004	378.55	3.53	378.82	1.006	379.12
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	3.75	378.84	1.004	378.87	4.85	377.74	1.008	377.79
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	81.52	373.30	1.006	373.49	81.35	373.47	1.004	373.60
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	42.11	414.08	1.030	414.61	39.64	416.55	1.040	417.36
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	Dry	NA	NA	NA	17.01	438.79	1.002	438.79
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	68.68	368.60	1.040	371.00	68.83	368.45	1.040	370.84
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	50.77	387.08	1.056	387.94	50.68	387.17	1.052	387.97
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	35.26	405.20	NA[1]	NA	Dry	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	67.80	370.16	1.004	370.36	68.04	369.92	1.002	370.02
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	51.00	386.72	1.094	388.30	50.90	386.82	1.072	388.04
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	34.95	403.09	NA[1]	NA	Dry	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.14	368.68	1.012	368.74	12.58	368.24	1.020	368.33
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	11.95	369.31	1.010	369.36	12.23	369.03	1.006	369.05
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	18.65	367.25	1.044	369.07	18.93	366.97	1.044	368.78
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	17.71	368.12	1.010	368.16	18.00	367.83	1.010	367.87
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	14.43	367.67	1.032	369.18	14.70	367.40	1.044	369.46
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	13.78	367.92	1.004	367.95	14.10	367.60	1.004	367.63
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	13.04	366.69	1.054	369.99	13.26	366.47	1.056	369.88

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2014	GW Elevation October 2014	Specific Gravity October 2014	Equivalent Fresh Water Head October 2014	DTW February 2015	GW Elevation February 2015	Specific Gravity February 2015	Equivalent Fresh Water Head February 2015
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	12.25	367.38	1.050	369.30	12.48	367.15	1.048	368.99
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.50	368.02	1.010	368.13	11.76	367.76	1.008	367.85
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	31.08	372.21	1.034	375.45	30.95	372.34	1.032	375.40
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	29.72	374.19	1.006	374.44	29.44	374.47	1.004	374.64
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	29.75	373.83	1.010	373.87	29.45	374.13	1.000	374.13
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	29.12	373.35	1.024	375.20	28.93	373.54	1.022	375.24
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	29.20	373.53	1.010	373.90	29.00	373.73	1.010	374.10
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	29.55	373.88	1.010	374.08	29.31	374.12	1.016	374.44
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	29.80	373.80	1.002	373.81	29.56	374.04	1.000	374.04
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	29.47	371.64	1.028	374.32	29.36	371.75	1.026	374.24
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	28.66	372.97	1.006	373.22	28.45	373.18	1.012	373.68
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	28.50	373.14	1.002	373.18	28.31	373.33	1.010	373.55
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	28.48	373.09	1.002	373.10	28.22	373.35	1.000	373.35
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	27.80	370.46	1.026	373.03	27.68	370.58	1.026	373.16
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	26.40	372.45	1.006	372.60	26.25	372.60	1.004	372.70
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	25.00	372.47	1.002	372.47	24.81	372.66	1.002	372.66
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	85.78	364.46	1.084	374.47	85.35	364.89	1.084	374.94
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	76.96	372.68	1.004	372.90	76.84	372.80	1.000	372.80
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	77.20	372.79	1.004	372.98	77.05	372.94	1.004	373.13
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	32.85	417.02	1.018	417.12	26.10	423.77	1.024	423.98
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	77.52	372.95	1.018	373.10	77.40	373.07	1.014	373.19
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	78.38	371.24	1.032	374.84	78.05	371.57	1.032	375.18
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	76.58	373.27	1.002	373.31	76.40	373.45	1.000	373.45
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	76.28	373.31	1.020	373.35	76.15	373.44	1.022	373.49
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	36.38	413.35	1.014	413.44	29.48	420.25	1.014	420.40
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	28.35	365.44	1.072	374.14	28.05	365.74	1.072	374.46
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	23.79	369.97	1.004	370.11	22.97	370.79	1.010	371.15
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	23.70	370.87	1.010	371.10	23.72	370.85	1.002	370.89
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	23.30	370.85	1.002	370.86	23.36	370.79	1.002	370.80
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	24.66	378.84	1.004	378.86	22.41	381.09	1.004	381.11
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	29.65	374.34	1.004	374.36	29.47	374.52	1.000	374.52
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	30.28	373.95	1.002	373.95	30.02	374.21	1.000	374.21
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	28.51	373.55	1.004	373.57	28.20	373.86	1.000	373.86
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	26.61	373.33	1.002	373.33	26.38	373.56	1.000	373.56
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	26.73	372.33	1.002	372.34	26.56	372.50	1.008	372.54
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	9.29	369.10	1.012	370.02	9.52	368.87	1.010	369.63
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	9.70	369.22	1.004	369.27	9.98	368.94	1.004	368.98
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	38.12	409.10	1.026	409.67	34.13	413.09	1.024	413.71
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	30.98	416.07	1.036	416.28	26.11	420.94	1.034	421.31
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	38.08	409.19	1.050	411.05	34.18	413.09	1.050	415.15
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	17.30	429.60	1.004	429.61	11.12	435.78	1.004	435.80
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	25.94	377.18	1.002	377.27	25.68	377.44	1.000	377.44
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	26.01	376.99	1.002	377.01	25.69	377.31	1.004	377.35
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	30.65	371.68	1.046	374.84	30.46	371.87	1.046	375.04
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	28.28	374.45	1.002	374.47	27.99	374.74	1.000	374.74
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	28.87	373.57	1.002	373.66	28.77	373.67	1.010	374.11
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	29.79	373.84	1.004	373.89	29.68	373.95	1.002	373.98
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	25.32	372.14	1.008	372.70	25.22	372.24	1.006	372.66
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	25.91	372.44	1.004	372.48	25.78	372.57	1.002	372.59
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	16.24	371.37	1.008	372.18	16.81	370.80	1.008	371.60
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	20.30	367.43	1.018	368.17	19.82	367.91	1.016	368.58
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	24.95	362.44	1.044	368.10	24.81	362.58	1.070	371.60
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	14.52	373.38	NA[1]	NA	14.53	373.37	NA[1]	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	14.45	368.93	1.030	370.77	14.94	368.44	1.026	370.02
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.50	368.28	1.010	368.94	10.64	368.14	1.042	370.90
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	14.68	363.40	1.098	372.72	14.80	363.28	1.100	372.78
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	9.50	369.83	1.014	370.45	9.68	369.65	1.012	370.18
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	6.48	370.77	1.016	371.80	6.73	370.52	1.014	371.42
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	13.03	364.72	NA[2]	NA	12.91	364.84	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	8.44	369.17	1.038	371.56	8.55	369.06	1.040	371.57
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	10.34	368.28	1.024	368.36	10.46	368.16	1.026	368.25
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	23.52	426.16	1.010	426.18	25.24	424.44	1.010	424.45
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	9.40	366.45	1.080	374.98	9.52	366.33	1.080	374.85
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	6.22	369.75	1.032	371.35	6.26	369.71	1.030	371.21

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2015	GW Elevation April 2015	Specific Gravity April 2015	Equivalent Fresh Water Head April 2015	DTW July 2015	GW Elevation July 2015	Specific Gravity July 2015	Equivalent Fresh Water Head July 2015
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00	18.00	368.76	358.76	363.76	6.92	371.61	1.016	371.74	7.01	371.52	1.016	371.65
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00	16.00	370.80	360.80	365.80	3.87	374.61	1.022	374.81	3.81	374.67	1.024	374.88
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00	24.00	368.30	353.30	360.80	6.68	372.67	1.018	372.89	6.79	372.56	1.028	372.89
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00	16.00	369.99	359.99	364.99	8.00	371.57	1.000	371.57	8.25	371.32	NA[2]	NA
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00	20.00	366.86	356.86	361.86	3.69	375.12	1.012	375.28	3.91	374.90	1.010	375.03
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00	14.00	372.88	362.88	367.88	3.32	375.57	1.012	375.66	3.60	375.29	1.010	375.36
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17	16.17	394.22	384.22	389.22	9.16	393.41	1.000	393.41	9.75	392.82	1.003	392.84
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35	34.35	360.07	350.07	355.07	6.95	379.47	1.004	379.57	6.78	379.64	1.004	379.74
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95	21.95	365.91	355.91	360.91	Dry	NA	NA[3]	NA	4.50	374.52	1.018	374.76
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00	32.00	372.71	362.71	367.71	22.09	374.65	1.004	374.68	22.87	373.87	1.006	373.91
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00	32.00	373.12	363.12	368.12	22.52	374.63	1.004	374.66	23.31	373.84	1.008	373.89
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00	30.00	373.38	363.38	368.38	21.65	374.16	1.002	374.17	22.32	373.49	1.004	373.51
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00	78.00	372.45	362.45	367.45	66.66	376.38	1.008	376.45	67.23	375.81	1.010	375.89
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00	72.00	338.90	328.90	333.90	25.43	377.41	1.006	377.67	26.59	376.25	1.004	376.42
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00	24.00	386.60	376.60	381.60	7.51	395.47	1.066	396.39	6.45	396.53	1.064	397.49
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40	63.40	414.90	399.90	407.40	42.22	422.44	1.004	422.50	48.00	416.66	1.000	416.66
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00	14.00	459.40	449.40	454.40	14.80	450.35	NA[1]	NA	14.88	450.27	1.004	450.27
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00	44.00	345.70	335.70	340.70	7.69	374.23	1.002	374.30	7.85	374.07	1.002	374.14
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00	18.00	371.60	361.60	366.60	4.59	377.10	1.000	377.10	4.60	377.09	1.002	377.11
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00	130.00	257.00	247.00	252.00	18.06	361.03	1.126	374.77	18.50	360.59	1.124	374.06
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00	106.00	281.00	271.00	276.00	8.99	369.78	1.034	372.97	9.70	369.07	1.038	372.61
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00	56.00	330.70	320.70	325.70	6.50	371.99	1.004	372.18	7.03	371.46	1.006	371.73
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00	20.00	367.00	357.00	362.00	3.48	375.41	1.038	375.92	3.62	375.27	1.032	375.69
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00	93.00	315.20	305.20	310.20	20.38	380.13	1.002	380.27	20.58	379.93	1.006	380.35
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00	62.00	345.50	335.50	340.50	27.82	372.60	1.002	372.66	28.48	371.94	1.002	372.00
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00	25.00	382.90	372.90	377.90	23.88	376.36	1.000	376.36	22.90	377.34	1.002	377.34
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00	53.00	341.10	331.10	336.10	15.73	370.13	1.014	370.61	16.20	369.66	1.020	370.33
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00	14.00	380.10	370.10	375.10	2.96	383.07	1.012	383.17	3.00	383.03	1.020	383.19
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00	18.00	369.30	359.30	364.30	3.12	375.88	1.002	375.90	3.32	375.68	1.004	375.73
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00	141.00	244.70	234.70	239.70	12.55	364.80	1.096	376.81	11.80	365.55	1.106	378.89
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00	97.00	288.60	278.60	283.60	7.36	370.06	1.024	372.14	8.04	369.38	1.031	372.04
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00	64.00	321.30	311.30	316.30	7.72	369.82	1.018	370.78	8.17	369.37	1.022	370.54
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00	23.00	362.60	352.60	357.60	7.52	370.10	1.032	370.50	7.90	369.72	1.038	370.18
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00	60.00	333.90	323.90	328.90	15.64	370.27	1.024	371.26	15.86	370.05	1.044	371.86
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00	20.00	373.80	363.80	368.80	12.62	373.15	1.002	373.16	12.63	373.14	1.006	373.17
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00	28.00	357.20	347.20	352.20	9.59	367.48	1.014	367.69	9.70	367.37	1.014	367.58
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00	37.00	432.30	422.30	427.30	32.80	428.98	1.004	428.99	33.20	428.58	1.008	428.61
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00	89.00	299.08	289.08	294.08	7.80	372.55	1.010	373.33	8.02	372.33	1.011	373.19
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00	18.00	367.20	357.20	362.20	4.64	372.22	1.014	372.36	4.75	372.11	1.002	372.13
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00	24.00	365.80	355.80	360.80	7.42	374.09	1.008	374.20	7.03	374.48	1.008	374.59
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00	57.00	333.50	323.50	328.50	2.34	380.01	1.002	380.11	2.13	380.22	1.004	380.43
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00	14.00	376.50	366.50	371.50	5.52	377.07	1.004	377.09	3.90	378.69	1.006	378.73
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00	118.00	346.26	336.26	341.26	78.81	376.01	1.010	376.36	79.80	375.02	1.006	375.22
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00	62.00	401.41	391.41	396.41	10.38	445.81	1.000	445.81	33.39	422.80	NA[2]	NA
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00	18.00	445.56	435.56	440.56	6.30	449.50	NA[2]	NA	11.71	444.09	1.002	444.10
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00	45.00	401.24	391.24	396.24	47.94	391.70	NA[1]	NA	40.79	398.85	1.008	398.88
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00	132.00	313.59	303.59	308.59	67.58	369.70	1.040	372.14	67.88	369.40	1.042	371.95
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00	69.00	376.63	366.63	371.63	47.94	389.91	1.056	390.93	45.77	392.08	1.072	393.55
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00	40.00	405.70	395.70	400.70	36.63	400.76	1.018	400.80	35.91	401.48	1.020	401.53
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00	45.00	401.77	391.77	396.77	46.93	392.51	NA[1]	NA	38.25	401.19	1.004	401.20
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00	35.00	411.29	401.29	406.29	31.63	406.89	1.000	406.89	34.17	404.35	1.004	404.35
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00	35.00	413.65	403.65	408.65	31.35	409.11	1.001	409.11	32.30	408.16	1.002	408.16
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00	120.00	325.92	315.92	320.92	66.68	371.28	1.000	371.28	67.16	370.80	1.004	371.00
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50	71.50	374.93	364.93	369.93	48.52	389.20	1.070	390.55	43.57	394.15	1.066	395.75
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00	35.00	411.25	401.25	406.25	25.94	412.10	1.002	412.11	26.22	411.82	1.008	411.86
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00	20.00	368.80	358.80	363.80	11.46	369.36	1.010	369.42	11.94	368.88	1.010	368.93
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00	20.00	369.37	359.37	364.37	10.94	370.32	1.006	370.35	11.47	369.79	1.008	369.83
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00	63.00	330.90	320.90	325.90	17.82	368.08	1.042	369.85	18.22	367.68	1.064	370.35
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00	25.00	369.50	359.50	364.50	16.91	368.92	1.011	368.97	17.35	368.48	1.012	368.53
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50	64.50	325.49	315.49	320.49	13.66	368.44	1.030	369.88	13.96	368.14	1.026	369.38
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00	25.00	364.73	354.73	359.73	13.11	368.59	1.002	368.61	13.42	368.28	1.002	368.30
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50	77.50	310.50	300.50	305.50	12.25	367.48	1.056	370.95	12.50	367.23	1.058	370.81

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2015	GW Elevation April 2015	Specific Gravity April 2015	Equivalent Fresh Water Head April 2015	DTW July 2015	GW Elevation July 2015	Specific Gravity July 2015	Equivalent Fresh Water Head July 2015
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	11.44	368.19	1.050	370.15	11.77	367.86	1.044	369.57
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	10.67	368.85	1.004	368.90	11.10	368.42	1.018	368.63
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	28.39	374.90	1.034	378.23	29.58	373.71	1.032	376.81
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	26.75	377.16	1.002	377.25	27.89	376.02	1.010	376.45
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	26.68	376.90	1.002	376.91	27.87	375.71	1.002	375.72
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	26.65	375.82	1.026	377.89	27.67	374.80	1.026	376.85
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	26.72	376.01	1.014	376.56	27.60	375.13	1.012	375.59
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	27.02	376.41	1.004	376.50	27.95	375.48	1.020	375.91
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	27.30	376.30	1.000	376.30	28.20	375.40	1.000	375.40
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	27.40	373.71	1.026	376.25	28.21	372.90	1.026	375.42
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	26.30	375.33	1.010	375.77	27.13	374.50	1.010	374.93
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	26.09	375.55	1.002	375.60	26.96	374.68	1.006	374.82
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	26.05	375.52	1.000	375.52	26.93	374.64	1.002	374.65
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	25.85	372.41	1.026	375.04	26.50	371.76	1.026	374.37
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	24.14	374.71	1.004	374.82	24.95	373.90	1.008	374.11
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	22.73	374.74	1.002	374.75	23.55	373.92	1.002	373.93
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	83.89	366.35	1.086	376.76	84.30	365.94	1.080	375.59
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	74.53	375.11	1.004	375.34	75.43	374.21	1.006	374.55
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	74.76	375.23	1.002	375.33	75.67	374.32	1.004	374.51
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	22.45	427.42	1.018	427.62	22.91	426.96	1.036	427.34
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	75.08	375.39	1.014	375.54	76.00	374.47	1.014	374.61
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	75.88	373.74	1.032	377.42	76.85	372.77	1.030	376.19
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	73.89	375.96	1.004	376.06	74.93	374.92	1.002	374.97
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	73.63	375.96	1.020	376.03	74.63	374.96	1.022	375.03
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	19.66	430.07	1.022	430.52	25.61	424.12	1.014	424.32
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	27.21	366.58	1.076	375.85	27.46	366.33	1.074	375.33
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	21.29	372.47	1.014	373.00	21.86	371.90	1.022	372.72
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	22.11	372.46	1.002	372.50	23.65	370.92	1.006	371.05
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	21.70	372.45	1.002	372.46	22.30	371.85	1.004	371.88
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	20.40	383.10	1.004	383.13	20.69	382.81	1.004	382.84
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	26.63	377.36	1.006	377.40	27.81	376.18	1.002	376.19
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	27.60	376.63	1.000	376.63	28.60	375.63	1.006	375.65
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	26.01	376.05	1.004	376.08	26.91	375.15	1.002	375.16
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	24.25	375.69	1.010	375.75	25.03	374.91	1.002	374.92
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	24.40	374.66	1.000	374.66	25.20	373.86	1.002	373.87
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	8.31	370.08	1.012	371.01	8.72	369.67	1.012	370.59
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	8.72	370.20	1.002	370.22	9.15	369.77	1.004	369.82
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	29.88	417.34	1.026	418.13	30.09	417.13	1.018	417.67
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	21.34	425.71	1.022	426.05	22.41	424.64	1.028	425.05
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	30.74	416.53	1.048	418.67	30.31	416.96	1.046	419.03
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	5.64	441.26	1.002	441.28	6.45	440.45	1.006	440.50
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	22.78	380.34	1.000	380.34	23.90	379.22	1.004	379.41
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	23.00	380.00	1.000	380.00	23.70	379.30	1.004	379.35
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	27.88	374.45	1.046	377.74	28.97	373.36	1.050	376.88
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	25.22	377.51	1.000	377.51	26.42	376.31	1.004	376.37
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	26.83	375.61	1.008	375.98	27.55	374.89	1.010	375.34
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	27.74	375.89	1.000	375.89	28.49	375.14	1.000	375.14
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	23.15	374.31	1.006	374.75	23.94	373.52	1.010	374.24
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	23.66	374.69	1.002	374.71	24.45	373.90	1.004	373.94
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	15.21	372.40	1.008	373.21	15.92	371.69	1.008	372.50
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	18.70	369.03	1.006	369.28	19.00	368.73	1.016	369.41
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	24.02	363.37	1.100	376.33	24.62	362.77	1.058	370.25
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	11.00	376.90	1.006	376.91	14.40	373.50	NA[1]	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	13.78	369.60	1.026	371.21	14.01	369.37	1.036	371.60
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	9.22	369.56	1.042	372.38	9.75	369.03	1.044	371.97
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	13.76	364.32	1.100	373.92	14.13	363.95	1.096	373.13
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	8.24	371.09	1.010	371.54	8.70	370.63	1.010	371.08
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	5.46	371.79	1.012	372.58	5.79	371.46	1.020	372.77
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	9.43	368.32	NA[2]	NA	8.72	369.03	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.31	370.30	1.036	372.60	7.59	370.02	1.040	372.57
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	7.50	371.12	1.030	371.27	9.16	369.46	1.034	369.60
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	9.51	440.17	1.000	440.17	17.16	432.52	1.004	432.54
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.27	367.58	1.080	376.20	8.48	367.37	1.080	375.98
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	4.98	370.99	1.028	372.43	5.17	370.80	1.034	372.54

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2015	GW Elevation October 2015	Specific Gravity October 2015	Equivalent Fresh Water Head October 2015	DTW February 2016	GW Elevation February 2016	Specific Gravity February 2016	Equivalent Fresh Water Head February 2016
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	7.25	371.28	1.016	371.40	7.60	370.93	1.018	371.06
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	4.60	373.88	1.022	374.06	4.63	373.85	1.030	374.09
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	7.60	371.75	1.028	372.06	7.47	371.88	1.024	372.15
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	9.25	370.32	1.004	370.34	8.73	370.84	1.006	370.87
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	4.15	374.66	1.010	374.79	4.70	374.11	1.010	374.23
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	3.98	374.91	1.012	374.99	4.18	374.71	1.010	374.78
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	10.97	391.60	1.004	391.62	8.70	393.87	1.002	393.88
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	7.91	378.51	1.008	378.70	7.09	379.33	1.006	379.47
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	4.62	374.40	1.018	374.64	4.50	374.52	1.020	374.79
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	24.55	372.19	1.014	372.26	23.68	373.06	1.008	373.10
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	25.00	372.15	1.012	372.21	24.15	373.00	1.004	373.02
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	23.91	371.90	1.006	371.92	23.09	372.72	1.018	372.80
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	65.90	377.14	1.010	377.24	68.42	374.62	1.008	374.68
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	28.90	373.94	1.004	374.10	27.83	375.01	1.002	375.09
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	10.20	392.78	1.070	393.56	9.41	393.57	1.064	394.34
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	57.40	407.26	1.002	407.27	50.61	414.05	1.002	414.06
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	15.35	449.80	NA[1]	NA	13.70	451.45	1.002	451.45
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	9.50	372.42	1.010	372.74	8.44	373.48	1.002	373.55
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	4.52	377.17	1.004	377.21	3.13	378.56	1.000	378.56
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	19.44	359.65	1.130	373.64	18.78	360.31	1.124	373.74
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	10.79	367.98	1.036	371.29	10.09	368.68	1.038	372.20
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	8.14	370.35	1.012	370.89	7.31	371.18	1.008	371.54
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.68	375.21	1.034	375.66	3.38	375.51	1.032	375.94
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	23.12	377.39	1.002	377.52	21.64	378.87	1.004	379.14
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	29.61	370.81	1.000	370.81	28.82	371.60	1.002	371.66
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	25.64	374.60	1.014	374.61	24.46	375.78	1.002	375.78
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	15.92	369.94	1.018	370.55	16.38	369.48	1.014	369.95
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	3.35	382.68	1.020	382.83	3.00	383.03	1.012	383.13
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	3.55	375.45	1.010	375.56	3.49	375.51	1.004	375.55
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	13.52	363.83	1.106	376.99	13.12	364.23	1.106	377.43
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	8.75	368.67	1.030	371.22	8.23	369.19	1.030	371.76
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	8.90	368.64	1.030	370.21	8.16	369.38	1.020	370.44
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.64	368.98	1.034	369.37	7.89	369.73	1.034	370.14
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	16.80	369.11	1.026	370.16	15.84	370.07	1.028	371.22
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	14.62	371.15	1.004	371.16	12.28	373.49	1.004	373.51
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	11.02	366.05	1.014	366.24	10.17	366.90	1.010	367.05
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	33.20	428.58	1.004	428.59	33.48	428.30	1.004	428.31
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	9.05	371.30	1.012	372.23	8.25	372.10	1.010	372.88
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	4.59	372.27	1.008	372.35	4.05	372.81	1.004	372.85
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	8.41	373.10	1.022	373.37	8.70	372.81	1.024	373.10
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	3.65	378.70	1.004	378.90	2.80	379.55	1.002	379.65
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	6.40	376.19	1.008	376.23	5.21	377.38	1.020	377.50
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	80.90	373.92	1.006	374.12	80.90	373.92	1.006	374.12
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	41.32	414.87	NA[2]	NA	Dry	NA	NA[2]	NA
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	Dry	NA	NA	NA	10.55	445.25	1.000	445.25
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	68.80	368.48	1.044	371.11	67.96	369.32	1.042	371.87
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	48.75	389.10	1.054	390.04	48.38	389.47	1.072	390.75
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	Dry	NA	NA	NA	40.20	397.19	1.016	397.20
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	45.60	393.84	1.004	393.84	44.57	394.87	1.002	394.87
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	Dry	NA	NA	NA	34.22	404.30	1.002	404.30
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	35.16	405.30	NA[1]	NA	33.31	407.15	1.004	407.16
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	68.02	369.94	1.002	370.04	67.40	370.56	1.002	370.66
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	49.10	388.62	1.072	389.96	47.80	389.92	1.076	391.44
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	34.82	403.22	NA[1]	NA	29.87	408.17	1.002	408.17
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.51	368.31	1.010	368.36	11.96	368.86	1.012	368.92
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	12.25	369.01	1.006	369.03	11.61	369.65	1.010	369.70
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	18.95	366.95	1.048	368.92	18.35	367.55	1.046	369.47
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	18.05	367.78	1.008	367.81	17.39	368.44	1.010	368.48
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	14.71	367.39	1.028	368.70	14.20	367.90	1.030	369.32
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	14.00	367.70	1.004	367.73	13.48	368.22	1.002	368.24
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	13.95	365.78	1.060	369.40	12.65	367.08	1.058	370.65

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2015	GW Elevation October 2015	Specific Gravity October 2015	Equivalent Fresh Water Head October 2015	DTW February 2016	GW Elevation February 2016	Specific Gravity February 2016	Equivalent Fresh Water Head February 2016
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	12.48	367.15	1.038	368.60	11.90	367.73	1.044	369.44
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.71	367.81	1.008	367.90	11.10	368.42	1.008	368.51
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	31.74	371.55	1.038	375.15	30.83	372.46	1.034	375.71
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	30.10	373.81	1.008	374.14	29.10	374.81	1.002	374.90
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	30.18	373.40	1.002	373.41	29.04	374.54	1.002	374.55
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	29.70	372.77	1.028	374.92	28.72	373.75	1.024	375.61
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	29.58	373.15	1.042	374.69	28.55	374.18	1.010	374.56
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	29.90	373.53	1.020	373.92	28.90	374.53	1.058	375.73
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	30.18	373.42	1.002	373.43	29.14	374.46	1.000	374.46
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	29.92	371.19	1.030	374.04	29.06	372.05	1.028	374.74
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	29.00	372.63	1.014	373.21	28.02	373.61	1.004	373.78
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	28.80	372.84	1.008	373.01	27.85	373.79	1.002	373.83
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	28.75	372.82	1.012	372.86	27.83	373.74	1.004	373.76
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	28.02	370.24	1.028	373.01	27.23	371.03	1.028	373.82
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	26.69	372.16	1.020	372.63	25.80	373.05	1.006	373.20
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	25.28	372.19	1.020	372.27	24.40	373.07	1.002	373.07
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	85.57	364.67	1.080	374.22	84.67	365.57	1.076	374.71
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	77.25	372.39	1.002	372.50	76.40	373.24	1.004	373.47
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	77.50	372.49	1.006	372.77	76.63	373.36	1.002	373.46
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	31.53	418.34	1.022	418.47	24.34	425.53	1.020	425.72
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	77.82	372.65	1.012	372.75	76.96	373.51	1.010	373.60
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	78.60	371.02	1.030	374.38	77.69	371.93	1.026	374.87
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	76.95	372.90	1.010	373.12	75.99	373.86	1.002	373.90
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	76.65	372.94	1.022	372.98	75.70	373.89	1.020	373.94
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	30.90	418.83	1.012	418.94	26.00	423.73	1.012	423.90
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	28.56	365.23	1.074	374.15	28.08	365.71	1.072	374.42
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	23.11	370.65	1.010	371.01	22.31	371.45	1.008	371.75
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	23.95	370.62	1.012	370.89	23.17	371.40	1.004	371.49
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	23.55	370.60	1.022	370.73	22.76	371.39	1.004	371.41
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	21.95	381.55	1.004	381.57	21.99	381.51	1.002	381.52
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	30.10	373.89	1.008	373.92	29.03	374.96	1.000	374.96
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	30.68	373.55	1.010	373.58	29.67	374.56	1.000	374.56
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	28.86	373.20	1.004	373.22	27.81	374.25	1.004	374.27
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	26.93	373.01	1.006	373.03	25.95	373.99	1.006	374.02
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	27.00	372.06	1.002	372.07	26.11	372.95	1.002	372.96
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	9.52	368.87	1.010	369.63	8.88	369.51	1.012	370.43
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	9.95	368.97	1.004	369.01	9.30	369.62	1.006	369.69
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	37.89	409.33	1.036	410.13	33.20	414.02	1.022	414.61
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	30.34	416.71	1.036	416.95	25.04	422.01	1.032	422.39
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	37.86	409.41	1.050	411.28	33.47	413.80	1.048	415.81
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	17.01	429.89	1.004	429.90	7.97	438.93	1.002	438.95
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	26.28	376.84	1.000	376.84	24.91	378.21	1.000	378.21
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	26.29	376.71	1.004	376.75	25.93	377.07	1.000	377.07
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	31.15	371.18	1.046	374.32	30.92	371.41	1.044	374.42
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	28.75	373.98	1.002	374.00	27.60	375.13	1.000	375.13
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	29.08	373.36	1.012	373.88	27.98	374.46	1.006	374.73
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	29.98	373.65	1.002	373.68	28.94	374.69	1.002	374.72
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	25.60	371.86	1.014	372.84	24.74	372.72	1.008	373.29
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	26.20	372.15	1.004	372.19	25.32	373.03	1.004	373.07
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	17.15	370.46	1.010	371.46	16.74	370.87	1.012	372.07
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	19.81	367.92	1.014	368.50	19.14	368.59	1.012	369.10
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	25.30	362.09	1.060	369.79	24.89	362.50	1.062	370.48
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	Dry	NA	NA	NA	Dry	NA	NA	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	14.92	368.46	1.046	371.26	14.25	369.13	1.038	371.47
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.64	368.14	1.042	370.90	9.91	368.87	1.040	371.53
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	14.95	363.13	1.100	372.61	14.28	363.80	1.098	373.16
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	9.60	369.73	1.014	370.34	8.83	370.50	1.010	370.95
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	6.65	370.60	1.020	371.89	5.86	371.39	1.016	372.43
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	12.23	365.52	NA[2]	NA	10.68	367.07	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	8.50	369.11	1.040	371.62	7.63	369.98	1.040	372.53
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	10.21	368.41	1.030	368.52	9.62	369.00	1.030	369.12
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	22.55	427.13	1.008	427.15	20.82	428.86	1.016	428.91
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.83	367.02	1.078	375.38	8.63	367.22	1.078	375.60
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	6.10	369.87	1.030	371.37	5.31	370.66	1.030	372.19

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2016	GW Elevation April 2016	Specific Gravity April 2016	Equivalent Fresh Water Head April 2016	DTW July 2016	GW Elevation July 2016	Specific Gravity July 2016	Equivalent Fresh Water Head July 2016
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00	18.00	368.76	358.76	363.76	6.89	371.64	1.014	371.75	7.40	371.13	1.014	371.24
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00	16.00	370.80	360.80	365.80	3.55	374.93	1.020	375.11	5.58	372.90	1.026	373.09
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00	24.00	368.30	353.30	360.80	6.85	372.50	1.028	372.83	8.05	371.30	1.030	371.62
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00	16.00	369.99	359.99	364.99	8.30	371.27	1.004	371.29	9.60	369.97	1.004	369.99
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00	20.00	366.86	356.86	361.86	3.50	375.31	1.008	375.42	4.47	374.34	1.010	374.46
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00	14.00	372.88	362.88	367.88	3.23	375.66	1.014	375.77	4.33	374.56	1.020	374.69
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17	16.17	394.22	384.22	389.22	10.20	392.37	1.002	392.38	DRY	NA	NA	NA
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35	34.35	360.07	350.07	355.07	6.40	380.02	1.010	380.27	7.49	378.93	1.008	379.12
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95	21.95	365.91	355.91	360.91	3.93	375.09	1.016	375.31	11.90	367.12	1.024	367.27
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00	32.00	372.71	362.71	367.71	23.10	373.64	1.012	373.71	24.86	371.88	1.004	371.90
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00	32.00	373.12	363.12	368.12	23.52	373.63	1.004	373.65	25.32	371.83	1.006	371.86
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00	30.00	373.38	363.38	368.38	22.60	373.21	1.002	373.21	24.24	371.57	1.004	371.58
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00	78.00	372.45	362.45	367.45	67.49	375.55	1.010	375.63	69.70	373.34	1.006	373.38
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00	72.00	338.90	328.90	333.90	26.78	376.06	1.000	376.06	29.11	373.73	1.000	373.73
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00	24.00	386.60	376.60	381.60	6.35	396.63	1.062	397.56	8.60	394.38	1.064	395.20
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40	63.40	414.90	399.90	407.40	46.00	418.66	1.000	418.66	57.64	407.02	1.002	407.03
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00	14.00	459.40	449.40	454.40	15.10	450.05	1.004	450.05	15.38	449.77	NA[2]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00	44.00	345.70	335.70	340.70	8.00	373.92	1.006	374.12	9.69	372.23	1.002	372.29
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00	18.00	371.60	361.60	366.60	4.74	376.95	1.002	376.97	6.80	374.89	1.002	374.91
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00	130.00	257.00	247.00	252.00	19.01	360.08	1.124	373.48	19.63	359.46	1.126	373.00
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00	106.00	281.00	271.00	276.00	10.10	368.67	1.040	372.38	11.23	367.54	1.040	371.20
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00	56.00	330.70	320.70	325.70	7.11	371.38	1.008	371.75	8.30	370.19	1.006	370.46
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00	20.00	367.00	357.00	362.00	3.60	375.29	1.034	375.74	5.54	373.35	1.032	373.71
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00	93.00	315.20	305.20	310.20	20.95	379.56	1.004	379.84	23.87	376.64	1.002	376.77
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00	62.00	345.50	335.50	340.50	28.58	371.84	1.002	371.90	29.85	370.57	1.002	370.63
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00	25.00	382.90	372.90	377.90	22.10	378.14	1.000	378.14	25.62	374.62	1.008	374.63
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00	53.00	341.10	331.10	336.10	16.53	369.33	1.006	369.53	17.14	368.72	1.026	369.57
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00	14.00	380.10	370.10	375.10	2.90	383.13	1.016	383.26	3.93	382.10	1.014	382.20
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00	18.00	369.30	359.30	364.30	2.91	376.09	1.002	376.11	3.95	375.05	1.004	375.09
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00	141.00	244.70	234.70	239.70	12.31	365.04	1.104	378.08	13.77	363.58	1.106	376.71
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00	97.00	288.60	278.60	283.60	8.41	369.01	1.030	371.57	9.31	368.11	1.034	370.98
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00	64.00	321.30	311.30	316.30	8.25	369.29	1.024	370.56	9.16	368.38	1.024	369.63
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00	23.00	362.60	352.60	357.60	8.00	369.62	1.038	370.08	8.85	368.77	1.036	369.17
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00	60.00	333.90	323.90	328.90	16.20	369.71	1.032	371.02	17.24	368.67	1.022	369.54
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00	20.00	373.80	363.80	368.80	12.22	373.55	1.004	373.57	15.02	370.75	1.004	370.76
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00	28.00	357.20	347.20	352.20	10.08	366.99	1.010	367.14	11.39	365.68	1.034	366.14
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00	37.00	432.30	422.30	427.30	33.01	428.77	1.004	428.78	33.20	428.58	1.006	428.60
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00	89.00	299.08	289.08	294.08	8.30	372.05	1.012	372.99	9.33	371.02	1.012	371.94
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00	18.00	367.20	357.20	362.20	5.05	371.81	1.008	371.89	7.73	369.13	1.008	369.19
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00	24.00	365.80	355.80	360.80	7.40	374.11	1.020	374.38	8.74	372.77	1.006	372.84
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00	57.00	333.50	323.50	328.50	1.70	380.65	1.004	380.86	3.15	379.20	1.004	379.40
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00	14.00	376.50	366.50	371.50	4.95	377.64	1.020	377.76	6.61	375.98	1.022	376.08
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00	118.00	346.26	336.26	341.26	80.10	374.72	1.004	374.85	82.15	372.67	1.006	372.86
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00	62.00	401.41	391.41	396.41	27.89	428.30	NA[2]	NA	39.04	417.15	1.020	417.56
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00	18.00	445.56	435.56	440.56	10.08	445.72	1.002	445.73	DRY	NA	NA	NA
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00	45.00	401.24	391.24	396.24	40.02	399.62	1.004	399.63	DRY	NA	NA	NA
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00	132.00	313.59	303.59	308.59	68.13	369.15	1.042	371.69	69.10	368.18	1.044	370.80
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00	69.00	376.63	366.63	371.63	44.93	392.92	1.064	394.28	47.95	389.90	1.060	390.99
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00	40.00	405.70	395.70	400.70	Dry	NA	NA	NA	41.57	395.82	NA[2]	NA
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00	45.00	401.77	391.77	396.77	37.15	402.29	1.002	402.30	43.79	395.65	1.002	395.65
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00	35.00	411.29	401.29	406.29	33.45	405.07	1.004	405.07	DRY	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00	35.00	413.65	403.65	408.65	30.39	410.07	1.006	410.09	DRY	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00	120.00	325.92	315.92	320.92	67.25	370.71	1.002	370.81	68.28	369.68	1.002	369.78
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50	71.50	374.93	364.93	369.93	42.78	394.94	1.064	396.54	48.37	389.35	1.064	390.59
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00	35.00	411.25	401.25	406.25	Dry	NA	NA	NA	DRY	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00	20.00	368.80	358.80	363.80	12.10	368.72	1.010	368.77	12.75	368.07	1.012	368.13
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00	20.00	369.37	359.37	364.37	11.65	369.61	1.006	369.64	12.44	368.82	1.006	368.84
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00	63.00	330.90	320.90	325.90	18.45	367.45	1.046	369.36	19.06	366.84	1.048	368.81
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00	25.00	369.50	359.50	364.50	17.56	368.27	1.004	368.29	18.15	367.68	1.008	367.71
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50	64.50	325.49	315.49	320.49	14.20	367.90	1.034	369.51	14.92	367.18	1.024	368.30
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00	25.00	364.73	354.73	359.73	13.65	368.05	1.014	368.17	14.15	367.55	1.014	367.66
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50	77.50	310.50	300.50	305.50	12.68	367.05	1.056	370.50	13.35	366.38	1.056	369.79

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NA1 - Not enough water for Specific Gravity
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RAMBOLL

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW April 2016	GW Elevation April 2016	Specific Gravity April 2016	Equivalent Fresh Water Head April 2016	DTW July 2016	GW Elevation July 2016	Specific Gravity July 2016	Equivalent Fresh Water Head July 2016
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	11.93	367.70	1.040	369.25	12.63	367.00	1.046	368.75
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.22	368.30	1.010	368.41	11.84	367.68	1.010	367.79
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	29.96	373.33	1.034	376.61	32.01	371.28	1.036	374.68
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	28.08	375.83	1.002	375.92	30.37	373.54	1.002	373.62
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	28.06	375.52	1.000	375.52	30.39	373.19	1.002	373.20
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	28.92	373.55	1.024	375.41	29.93	372.54	1.026	374.53
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	27.83	374.90	1.011	375.32	29.82	372.91	1.010	373.27
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	28.18	375.25	1.010	375.46	30.14	373.29	1.010	373.48
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	28.40	375.20	1.000	375.20	30.40	373.20	1.004	373.22
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	27.67	373.44	1.030	376.36	30.36	370.75	1.030	373.59
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	27.35	374.28	1.008	374.62	29.25	372.38	1.008	372.71
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	27.15	374.49	1.004	374.58	29.09	372.55	1.008	372.72
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	27.00	374.57	1.000	374.57	29.09	372.48	1.000	372.48
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	Dry	NA	NA	NA	DRY	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	26.75	371.51	1.026	374.11	28.37	369.89	1.026	372.45
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	25.20	373.65	1.006	373.80	26.99	371.86	1.010	372.10
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	23.75	373.72	1.002	373.73	25.57	371.90	1.004	371.91
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	84.75	365.49	1.078	374.87	85.54	364.70	1.076	373.78
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	75.64	374.00	1.004	374.23	77.59	372.05	1.004	372.27
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	75.91	374.08	1.002	374.18	77.80	372.19	1.002	372.28
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	22.09	427.78	1.020	428.01	27.52	422.35	1.016	422.48
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	76.26	374.21	1.022	374.42	78.13	372.34	1.008	372.40
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	76.96	372.66	1.030	376.07	78.74	370.88	1.030	374.24
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	75.13	374.72	1.004	374.82	77.12	372.73	1.004	372.82
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	74.98	374.61	1.036	374.72	76.80	372.79	1.030	372.85
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	22.65	427.08	1.010	427.25	29.98	419.75	1.012	419.87
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	25.55	368.24	1.072	377.14	28.86	364.93	1.076	374.07
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	23.05	370.71	1.010	371.07	23.39	370.37	1.010	370.73
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	22.95	371.62	1.012	371.90	24.24	370.33	1.006	370.46
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	22.50	371.65	1.004	371.67	23.86	370.29	1.006	370.32
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	20.32	383.18	1.004	383.21	23.53	379.97	1.004	379.99
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	28.00	375.99	1.010	376.04	30.49	373.50	1.006	373.52
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	28.81	375.42	1.004	375.43	30.94	373.29	1.004	373.30
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	27.09	374.97	1.010	375.02	29.10	372.96	1.001	372.97
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	25.20	374.74	1.072	375.16	27.20	372.74	1.010	372.78
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	25.43	373.63	1.012	373.69	27.31	371.75	1.014	371.80
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	8.90	369.49	1.010	370.26	9.73	368.66	1.012	369.57
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	9.37	369.55	1.000	369.55	10.17	368.75	1.002	368.77
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	31.10	416.12	1.012	416.47	34.78	412.44	1.028	413.15
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	23.30	423.75	1.030	424.16	27.48	419.57	1.032	419.87
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	31.30	415.97	1.048	418.08	34.70	412.57	1.046	414.44
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	5.34	441.56	1.004	441.60	13.92	432.98	1.004	432.99
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	24.03	379.09	1.000	379.09	26.56	376.56	1.002	376.65
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	23.95	379.05	1.002	379.07	26.30	376.70	1.004	376.74
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	29.95	372.38	1.046	375.58	31.34	370.99	1.046	374.12
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	26.65	376.08	1.002	376.11	29.02	373.71	1.004	373.75
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	27.63	374.81	1.010	375.26	29.70	372.74	1.020	373.60
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	28.55	375.08	1.000	375.08	30.59	373.04	1.028	373.33
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	24.20	373.26	1.010	373.97	25.92	371.54	1.010	372.24
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	24.75	373.60	1.004	373.64	26.52	371.83	1.004	371.86
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	16.85	370.76	1.012	371.96	17.84	369.77	1.012	370.96
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	19.13	368.60	1.012	369.11	19.96	367.77	1.014	368.35
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	24.90	362.49	1.074	372.02	25.60	361.79	1.072	371.01
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	Dry	NA	NA	NA	14.36	373.54	NA[2]	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	14.40	368.98	1.042	371.56	15.48	367.90	1.042	370.44
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	9.85	368.93	1.042	371.73	10.93	367.85	1.042	370.60
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	14.25	363.83	1.098	373.19	15.15	362.93	1.100	372.39
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	8.75	370.58	1.012	371.12	9.94	369.39	1.010	369.83
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	6.01	371.24	1.018	372.41	7.07	370.18	1.018	371.33
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	8.74	369.01	1.002	369.03	12.66	365.09	NA[2]	NA
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.75	369.86	1.040	372.40	8.75	368.86	1.038	371.24
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	8.27	370.35	1.010	370.40	8.85	369.77	1.028	369.89
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	18.85	430.83	1.002	430.84	25.28	424.40	1.008	424.41
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.72	367.13	1.078	375.50	9.90	365.95	1.080	374.44
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	5.43	370.54	1.028	371.96	6.49	369.48	1.030	370.97

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2016	GW Elevation October 2016	Specific Gravity October 2016	Equivalent Fresh Water Head October 2016	DTW February 2017	GW Elevation February 2017	Specific Gravity February 2017	Equivalent Fresh Water Head February 2017
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00 -	18.00	368.76 -	358.76	363.76	7.93	370.60	1.014	370.70	7.17	371.36	1.014	371.47
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00 -	16.00	370.80 -	360.80	365.80	6.68	371.80	1.020	371.92	4.23	374.25	1.020	374.42
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00 -	24.00	368.30 -	353.30	360.80	8.89	370.46	1.026	370.71	7.12	372.23	1.026	372.53
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00 -	16.00	369.99 -	359.99	364.99	10.13	369.44	1.003	369.45	8.28	371.29	1.008	371.34
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00 -	20.00	366.86 -	356.86	361.86	5.53	373.28	1.011	373.41	3.55	375.26	1.010	375.39
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00 -	14.00	372.88 -	362.88	367.88	5.29	373.60	1.018	373.70	3.37	375.52	1.006	375.56
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17 -	16.17	394.22 -	384.22	389.22	13.46	389.11	1.000	389.11	10.55	392.02	1.000	392.02
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35 -	34.35	360.07 -	350.07	355.07	7.89	378.53	1.004	378.62	6.35	380.07	1.010	380.32
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95 -	21.95	365.91 -	355.91	360.91	9.45	369.57	1.018	369.72	8.46	370.56	1.020	370.75
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00 -	32.00	372.71 -	362.71	367.71	24.94	371.80	1.004	371.82	22.90	373.84	1.008	373.89
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00 -	32.00	373.12 -	363.12	368.12	25.41	371.74	1.004	371.76	23.35	373.80	1.006	373.84
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00 -	30.00	373.38 -	363.38	368.38	24.32	371.49	1.002	371.49	22.40	373.41	1.002	373.42
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00 -	78.00	372.45 -	362.45	367.45	67.43	375.61	1.000	375.61	67.11	375.93	1.004	375.96
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00 -	72.00	338.90 -	328.90	333.90	29.26	373.58	1.002	373.66	26.58	376.26	1.002	376.34
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00 -	24.00	386.60 -	376.60	381.60	10.24	392.74	1.064	393.45	7.07	395.91	1.064	396.83
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40 -	63.40	414.90 -	399.90	407.40	56.73	407.93	1.000	407.93	43.59	421.07	1.002	421.10
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00 -	14.00	459.40 -	449.40	454.40	15.40	449.75	NA[2]	NA	15.03	450.12	NA[2]	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00 -	44.00	345.70 -	335.70	340.70	9.90	372.02	1.002	372.08	7.98	373.94	1.000	373.94
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00 -	18.00	371.60 -	361.60	366.60	4.55	377.14	1.002	377.16	4.81	376.88	1.000	376.88
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00 -	130.00	257.00 -	247.00	252.00	19.61	359.48	1.128	373.24	18.40	360.69	1.124	374.17
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00 -	106.00	281.00 -	271.00	276.00	11.65	367.12	1.042	370.95	10.38	368.39	1.042	372.27
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00 -	56.00	330.70 -	320.70	325.70	8.38	370.11	1.006	370.38	7.02	371.47	1.006	371.74
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00 -	20.00	367.00 -	357.00	362.00	3.52	375.37	1.036	375.85	3.51	375.38	1.032	375.81
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00 -	93.00	315.20 -	305.20	310.20	24.55	375.96	1.002	376.09	21.40	379.11	1.002	379.25
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00 -	62.00	345.50 -	335.50	340.50	29.94	370.48	1.000	370.48	28.24	372.18	1.000	372.18
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00 -	25.00	382.90 -	372.90	377.90	26.80	373.44	NA[2]	NA	24.10	376.14	1.002	376.14
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00 -	53.00	341.10 -	331.10	336.10	17.23	368.63	1.014	369.09	15.89	369.97	1.016	370.51
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00 -	14.00	380.10 -	370.10	375.10	4.52	381.51	1.022	381.65	2.87	383.16	1.018	383.31
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00 -	18.00	369.30 -	359.30	364.30	4.49	374.51	1.004	374.55	3.16	375.84	1.006	375.91
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00 -	141.00	244.70 -	234.70	239.70	13.90	363.45	1.110	377.06	12.99	364.36	1.108	377.82
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00 -	97.00	288.60 -	278.60	283.60	9.40	368.02	1.032	370.72	8.22	369.20	1.030	371.77
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00 -	64.00	321.30 -	311.30	316.30	9.28	368.26	1.028	369.71	7.97	369.57	1.022	370.74
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00 -	23.00	362.60 -	352.60	357.60	8.97	368.65	1.032	369.00	7.68	369.94	1.036	370.38
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00 -	60.00	333.90 -	323.90	328.90	17.29	368.62	1.034	369.97	15.98	369.93	1.026	371.00
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00 -	20.00	373.80 -	363.80	368.80	15.48	370.29	1.010	370.32	12.21	373.56	1.004	373.58
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00 -	28.00	357.20 -	347.20	352.20	11.70	365.37	1.018	365.61	10.14	366.93	1.008	367.05
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00 -	37.00	432.30 -	422.30	427.30	33.42	428.36	1.002	428.37	33.05	428.73	1.004	428.74
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00 -	89.00	299.08 -	289.08	294.08	9.31	371.04	1.014	372.12	8.25	372.10	1.012	373.04
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00 -	18.00	367.20 -	357.20	362.20	4.76	372.10	1.002	372.12	5.31	371.55	1.006	371.61
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00 -	24.00	365.80 -	355.80	360.80	8.32	373.19	1.004	373.24	7.81	373.70	1.012	373.85
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00 -	57.00	333.50 -	323.50	328.50	3.58	378.77	1.002	378.87	1.73	380.62	1.004	380.83
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00 -	14.00	376.50 -	366.50	371.50	5.75	376.84	1.016	376.93	5.62	376.97	1.022	377.09
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00 -	118.00	346.26 -	336.26	341.26	82.22	372.60	1.008	372.85	79.90	374.92	1.006	375.12
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00 -	62.00	401.41 -	391.41	396.41	41.91	414.28	1.026	414.74	27.24	428.95	1.010	429.28
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00 -	18.00	445.56 -	435.56	440.56	DRY	NA	NA	NA	8.40	447.40	1.002	447.41
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00 -	45.00	401.24 -	391.24	396.24	DRY	NA	NA	NA	40.82	398.82	1.004	398.83
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00 -	132.00	313.59 -	303.59	308.59	69.25	368.03	1.044	370.64	68.12	369.16	1.042	371.70
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00 -	69.00	376.63 -	366.63	371.63	51.20	386.65	1.074	387.76	46.45	391.40	1.050	392.38
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00 -	40.00	405.70 -	395.70	400.70	DRY	NA	NA	NA	36.92	400.47	1.016	400.51
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00 -	45.00	401.77 -	391.77	396.77	46.96	392.48	NA[2]	NA	40.13	399.31	1.002	399.31
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00 -	35.00	411.29 -	401.29	406.29	DRY	NA	NA	NA	33.06	405.46	1.004	405.46
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00 -	35.00	413.65 -	403.65	408.65	DRY	NA	NA	NA	32.34	408.12	1.002	408.12
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00 -	120.00	325.92 -	315.92	320.92	68.34	369.62	1.002	369.72	66.81	371.15	1.000	371.15
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50 -	71.50	374.93 -	364.93	369.93	51.21	386.51	1.064	387.57	44.92	392.80	1.064	394.26
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00 -	35.00	411.25 -	401.25	406.25	DRY	NA	NA	NA	25.50	412.54	1.004	412.56
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00 -	20.00	368.80 -	358.80	363.80	12.70	368.12	1.010	368.17	11.42	369.40	1.012	369.47
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00 -	20.00	369.37 -	359.37	364.37	12.50	368.76	1.006	368.78	11.07	370.19	1.004	370.21
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00 -	63.00	330.90 -	320.90	325.90	19.07	366.83	1.046	368.71	17.72	368.18	1.042	369.96
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00 -	25.00	369.50 -	359.50	364.50	18.03	367.80	1.006	367.82	16.93	368.90	1.012	368.96
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50 -	64.50	325.49 -	315.49	320.49	15.09	367.01	1.032	368.50	14.25	367.85	1.036	369.55
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00 -	25.00	364.73 -	354.73	359.73	14.19	367.51	1.004	367.54	13.60	368.10	1.018	368.25
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50 -	77.50	310.50 -	300.50	305.50	13.48	366.25	1.056	369.65	12.67	367.06	1.058	370.63

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2016	GW Elevation October 2016	Specific Gravity October 2016	Equivalent Fresh Water Head October 2016	DTW February 2017	GW Elevation February 2017	Specific Gravity February 2017	Equivalent Fresh Water Head February 2017
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	12.70	366.93	1.042	368.53	11.89	367.74	1.040	369.29
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	11.83	367.69	1.006	367.75	11.20	368.32	1.008	368.41
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	32.17	371.12	1.034	374.33	29.67	373.62	1.036	377.10
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	30.52	373.39	1.006	373.63	27.90	376.01	1.004	376.18
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	30.54	373.04	1.000	373.04	27.88	375.70	1.002	375.71
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	29.98	372.49	1.024	374.32	27.68	374.79	1.024	376.68
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	29.91	372.82	1.010	373.18	27.64	375.09	1.010	375.48
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	30.27	373.16	1.002	373.19	27.95	375.48	1.004	375.56
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	30.53	373.07	1.000	373.07	28.22	375.38	1.004	375.40
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	30.44	370.67	1.032	373.70	28.31	372.80	1.028	375.51
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	29.39	372.24	1.006	372.48	27.13	374.50	1.004	374.67
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	29.20	372.44	1.002	372.48	26.94	374.70	1.002	374.75
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	29.18	372.39	1.002	372.40	26.91	374.66	1.000	374.66
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	DRY	NA	NA	NA	DRY	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	28.43	369.83	1.028	372.59	26.54	371.72	1.026	374.33
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	27.10	371.75	1.010	371.98	25.00	373.85	1.008	374.05
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	27.10	370.37	1.002	370.37	23.60	373.87	1.004	373.89
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	85.47	364.77	1.076	373.85	83.52	366.72	1.074	375.71
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	77.70	371.94	1.006	372.27	75.43	374.21	1.002	374.33
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	77.92	372.07	1.002	372.16	75.65	374.34	1.002	374.44
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	35.72	414.15	1.020	414.23	22.15	427.72	1.018	427.92
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	78.24	372.23	1.010	372.31	76.00	374.47	1.008	374.55
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	78.85	370.77	1.030	374.13	76.72	372.90	1.028	376.09
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	77.32	372.53	1.004	372.62	74.92	374.93	1.002	374.98
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	77.01	372.58	1.022	372.62	74.82	374.77	1.046	374.91
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	35.10	414.63	1.018	414.76	20.04	429.69	1.012	429.93
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	28.83	364.96	1.076	374.10	27.42	366.37	1.074	375.38
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	23.43	370.33	1.006	370.55	21.92	371.84	1.020	372.59
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	24.29	370.28	1.006	370.41	22.78	371.79	1.010	372.02
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	23.88	370.27	1.004	370.29	22.40	371.75	1.002	371.76
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	22.55	380.95	1.002	380.96	21.70	381.80	1.002	381.81
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	30.50	373.49	1.002	373.50	27.76	376.23	1.002	376.24
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	31.06	373.17	1.000	373.17	28.60	375.63	1.002	375.64
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	29.22	372.84	1.003	372.85	26.91	375.15	1.002	375.16
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	27.33	372.61	1.002	372.61	25.02	374.92	1.002	374.93
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	27.40	371.66	1.002	371.67	25.22	373.84	1.004	373.86
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	9.79	368.60	1.016	369.82	8.83	369.56	1.014	370.64
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	10.25	368.67	1.002	368.69	9.27	369.65	1.002	369.67
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	41.75	405.47	1.034	406.09	29.13	418.09	1.016	418.59
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	33.94	413.11	1.041	413.28	21.44	425.61	1.026	426.01
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	42.13	405.14	1.050	406.80	29.08	418.19	1.044	420.22
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	19.62	427.28	NA[2]	NA	6.17	440.73	1.004	440.77
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	26.75	376.37	1.004	376.55	23.96	379.16	1.002	379.26
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	27.05	375.95	1.002	375.97	23.87	379.13	1.004	379.18
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	31.50	370.83	1.044	373.82	29.03	373.30	1.048	376.68
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	29.13	373.60	1.004	373.64	26.40	376.33	1.002	376.36
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	29.49	372.95	1.008	373.30	27.57	374.87	1.006	375.14
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	30.44	373.19	1.002	373.21	28.54	375.09	1.002	375.12
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	26.01	371.45	1.008	372.01	24.00	373.46	1.008	374.03
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	26.61	371.74	1.002	371.75	24.50	373.85	1.002	373.87
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	18.22	369.39	1.014	370.77	19.08	368.53	1.026	371.08
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	20.00	367.73	1.012	368.23	18.67	369.06	1.014	369.66
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	25.73	361.66	1.080	371.89	24.74	362.65	1.080	372.96
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	DRY	NA	NA	NA	DRY	NA	NA	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	15.48	367.90	1.052	371.04	14.45	368.93	1.042	371.51
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	10.99	367.79	1.042	370.54	9.60	369.18	1.040	371.85
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	15.27	362.81	1.102	372.45	14.02	364.06	1.100	373.63
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	9.94	369.39	1.012	369.91	8.43	370.90	1.010	371.35
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	7.12	370.13	1.022	371.54	6.00	371.25	1.020	372.55
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	13.00	364.75	1.003	364.76	9.66	368.09	1.002	368.10
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	9.82	367.79	1.038	370.13	7.67	369.94	1.036	372.23
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	9.21	369.41	1.028	369.52	7.39	371.23	1.014	371.30
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	24.42	425.26	1.004	425.27	15.20	434.48	1.004	434.51
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	9.79	366.06	1.082	374.77	8.63	367.22	1.080	375.82
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	6.53	369.44	1.028	370.83	5.36	370.61	1.030	372.14

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

RAMBOLL

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	-	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	-	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW May 2017	GW Elevation May 2017	Specific Gravity May 2017	Equivalent Fresh Water Head May 2017	DTW July 2017	GW Elevation July 2017	Specific Gravity July 2017	Equivalent Fresh Water Head July 2017
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00	-	18.00	368.76	-	358.76	363.76	7.15	371.38	1.016	371.50	8.37	370.16	1.016	370.27
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00	-	16.00	370.80	-	360.80	365.80	3.90	374.58	1.020	374.76	5.22	373.26	1.018	373.40
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00	-	24.00	368.30	-	353.30	360.80	6.65	372.70	1.028	373.04	7.51	371.84	1.021	372.07
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00	-	16.00	369.99	-	359.99	364.99	8.43	371.14	1.002	371.15	8.42	371.15	1.002	371.16
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00	-	20.00	366.86	-	356.86	361.86	3.69	375.12	1.008	375.23	4.88	373.93	1.006	374.00
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00	-	14.00	372.88	-	362.88	367.88	3.95	374.94	1.010	375.01	4.20	374.69	1.008	374.74
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17	-	16.17	394.22	-	384.22	389.22	9.14	393.43	1.004	393.45	9.86	392.71	1.004	392.73
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35	-	34.35	360.07	-	350.07	355.07	5.73	380.69	1.010	380.94	6.58	379.84	1.008	380.04
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95	-	21.95	365.91	-	355.91	360.91	7.98	371.04	1.016	371.20	8.22	370.80	1.024	371.04
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00	-	32.00	372.71	-	362.71	367.71	21.74	375.00	1.008	375.06	22.62	374.12	1.014	374.21
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00	-	32.00	373.12	-	363.12	368.12	22.16	374.99	1.006	375.03	23.07	374.08	1.004	374.11
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00	-	30.00	373.38	-	363.38	368.38	21.30	374.51	1.002	374.52	22.05	373.76	1.010	373.81
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00	-	78.00	372.45	-	362.45	367.45	65.53	377.51	1.012	377.63	66.97	376.07	1.012	376.17
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00	-	72.00	338.90	-	328.90	333.90	24.85	377.99	1.002	378.08	26.39	376.45	1.002	376.54
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00	-	24.00	386.60	-	376.60	381.60	4.90	398.08	1.070	399.23	5.77	397.21	1.064	398.21
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40	-	63.40	414.90	-	399.90	407.40	35.96	428.70	1.002	428.74	46.93	417.73	1.002	417.75
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00	-	14.00	459.40	-	449.40	454.40	14.67	450.48	NA[1]	NA	DRY	NA	NA	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00	-	44.00	345.70	-	335.70	340.70	6.98	374.94	1.003	375.04	7.52	374.40	1.002	374.47
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00	-	18.00	371.60	-	361.60	366.60	3.69	378.00	1.004	378.05	4.34	377.35	1.002	377.37
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00	-	130.00	257.00	-	247.00	252.00	17.70	361.39	1.124	374.95	18.25	360.84	1.126	374.55
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00	-	106.00	281.00	-	271.00	276.00	9.40	369.37	1.044	373.48	9.62	369.15	1.040	372.88
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00	-	56.00	330.70	-	320.70	325.70	6.20	372.29	1.006	372.57	6.49	372.00	1.006	372.28
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00	-	20.00	367.00	-	357.00	362.00	3.48	375.41	1.032	375.84	3.48	375.41	1.034	375.87
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00	-	93.00	315.20	-	305.20	310.20	20.10	380.41	1.004	380.69	21.23	379.28	1.002	379.42
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00	-	62.00	345.50	-	335.50	340.50	27.90	372.52	1.000	372.52	28.12	372.30	1.002	372.36
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00	-	25.00	382.90	-	372.90	377.90	19.50	380.74	1.004	380.76	22.44	377.80	1.000	377.80
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00	-	53.00	341.10	-	331.10	336.10	15.90	369.96	1.018	370.57	15.73	370.13	1.014	370.61
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00	-	14.00	380.10	-	370.10	375.10	2.90	383.13	1.020	383.29	2.94	383.09	1.014	383.20
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00	-	18.00	369.30	-	359.30	364.30	3.10	375.90	1.004	375.95	3.68	375.32	1.006	375.39
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00	-	141.00	244.70	-	234.70	239.70	11.43	365.92	1.100	378.54	12.90	364.45	1.108	377.92
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00	-	97.00	288.60	-	278.60	283.60	8.19	369.23	1.038	372.48	8.15	369.27	1.040	372.70
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00	-	64.00	321.30	-	311.30	316.30	7.95	369.59	1.024	370.87	7.92	369.62	1.028	371.11
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00	-	23.00	362.60	-	352.60	357.60	7.65	369.97	1.038	370.44	7.53	370.09	1.038	370.56
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00	-	60.00	333.90	-	323.90	328.90	15.70	370.21	1.022	371.12	15.85	370.06	1.038	371.62
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00	-	20.00	373.80	-	363.80	368.80	12.15	373.62	1.004	373.64	12.90	372.87	1.006	372.90
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00	-	28.00	357.20	-	347.20	352.20	9.40	367.67	1.020	367.98	9.56	367.51	1.006	367.60
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00	-	37.00	432.30	-	422.30	427.30	32.81	428.97	1.008	429.00	33.18	428.60	1.002	428.61
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00	-	89.00	299.08	-	289.08	294.08	7.54	372.81	1.012	373.75	7.83	372.52	1.024	374.40
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00	-	18.00	367.20	-	357.20	362.20	4.15	372.71	1.004	372.75	4.69	372.17	1.002	372.19
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00	-	24.00	365.80	-	355.80	360.80	6.60	374.91	1.008	375.02	7.74	373.77	1.004	373.82
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00	-	57.00	333.50	-	323.50	328.50	0.76	381.59	1.006	381.91	2.10	380.25	1.014	380.97
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00	-	14.00	376.50	-	366.50	371.50	4.78	377.81	1.018	377.92	5.09	377.50	1.036	377.72
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00	-	118.00	346.26	-	336.26	341.26	78.24	376.58	1.008	376.86	79.58	375.24	1.004	375.38
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00	-	62.00	401.41	-	391.41	396.41	8.73	447.46	1.002	447.56	31.80	424.39	1.012	424.73
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00	-	18.00	445.56	-	435.56	440.56	6.52	449.28	1.002	449.30	13.14	442.66	1.000	442.66
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00	-	45.00	401.24	-	391.24	396.24	38.10	401.54	1.004	401.56	43.09	396.55	1.006	396.56
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00	-	132.00	313.59	-	303.59	308.59	67.66	369.62	1.044	372.30	67.79	369.49	1.044	372.17
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00	-	69.00	376.63	-	366.63	371.63	42.75	395.10	1.050	396.27	46.31	391.54	1.046	392.45
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00	-	40.00	405.70	-	395.70	400.70	34.78	402.61	1.020	402.68	38.64	398.75	1.014	398.77
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00	-	45.00	401.77	-	391.77	396.77	35.65	403.79	1.004	403.81	40.02	399.42	1.004	399.43
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00	-	35.00	411.29	-	401.29	406.29	33.20	405.32	1.002	405.32	35.90	402.62	NA[1]	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00	-	35.00	413.65	-	403.65	408.65	29.50	410.96	1.002	410.97	33.14	407.32	1.002	407.32
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00	-	120.00	325.92	-	315.92	320.92	66.70	371.26	1.002	371.36	66.74	371.22	1.002	371.32
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50	-	71.50	374.93	-	364.93	369.93	38.40	399.32	1.062	401.14	44.99	392.73	1.066	394.23
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00	-	35.00	411.25	-	401.25	406.25	24.60	413.44	1.004	413.46	31.53	406.51	1.003	406.51
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00	-	20.00	368.80	-	358.80	363.80	11.90	368.92	1.010	368.97	11.52	369.30	1.008	369.34
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00	-	20.00	369.37	-	359.37	364.37	11.90	369.36	1.004	369.38	11.03	370.23	1.005	370.26
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00	-	63.00	330.90	-	320.90	325.90	17.95	367.95	1.046	369.88	17.75	368.15	1.042	369.92
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00	-	25.00	369.50	-	359.50	364.50	17.30	368.53	1.010	368.58	16.95	368.88	1.008	368.92
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50	-	64.50	325.49	-	315.49	320.49	13.73	368.37	1.034	370.00	13.63	368.47	1.058	371.25
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00	-	25.00	364.73	-	354.73	359.73	13.23	368.47	1.006	368.52	12.94	368.76	1.008	368.83
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50	-	77.50	310.50	-	300.50	305.50	12.13	367.60	1.058	371.20	12.05	367.68	1.056	371.16

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RAMBOLL

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elev (ft)	Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW May 2017	GW Elevation May 2017	Specific Gravity May 2017	Equivalent Fresh Water Head May 2017	DTW July 2017	GW Elevation July 2017	Specific Gravity July 2017	Equivalent Fresh Water Head July 2017
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	54.00	333.90	323.90	328.90	11.40	368.23	1.046	370.04	11.32	368.31	1.046	370.12
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	26.00	361.90	351.90	356.90	10.80	368.72	1.010	368.84	10.61	368.91	1.010	369.03
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	129.00	281.91	271.91	276.91	27.95	375.34	1.034	378.69	29.49	373.80	1.038	377.48
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	74.00	338.10	328.10	333.10	26.23	377.68	1.004	377.86	27.66	376.25	1.002	376.34
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	35.00	376.21	366.21	371.21	26.14	377.44	1.000	377.44	27.68	375.90	1.002	375.91
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	110.00	300.93	290.93	295.93	26.23	376.24	1.024	378.16	27.43	375.04	1.024	376.93
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	69.00	341.48	331.48	336.48	26.35	376.38	1.010	376.78	27.37	375.36	1.010	375.75
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	52.00	358.69	348.69	353.69	26.71	376.72	1.010	376.95	27.68	375.75	1.028	376.36
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	35.00	375.79	365.79	370.79	27.00	376.60	1.000	376.60	27.93	375.67	1.018	375.76
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	128.00	281.24	271.24	276.24	27.07	374.04	1.028	376.78	27.94	373.17	1.030	376.08
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	73.00	336.05	326.05	331.05	25.90	375.73	1.010	376.17	26.90	374.73	1.014	375.34
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	53.00	356.15	346.15	351.15	25.65	375.99	1.002	376.04	26.69	374.95	1.000	374.95
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	32.00	377.10	367.10	372.10	25.64	375.93	1.002	375.94	26.70	374.87	1.000	374.87
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	20.00	389.07	379.07	384.07	DRY	NA	NA	NA	DRY	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	129.50	276.47	266.47	271.47	25.45	372.81	1.028	375.65	26.27	371.99	1.026	374.60
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	52.00	353.74	343.74	348.74	23.74	375.11	1.006	375.27	24.71	374.14	1.016	374.55
SB915-MW-90S	Wastebeds 9-15 SCA	S	907671.1	1121509.0	395.50	397.47	22.00	32.00	373.50	363.50	368.50	22.38	375.09	1.004	375.11	23.62	373.85	1.018	373.94
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	207.00	250.30	240.30	245.30	82.46	367.78	1.074	376.85	83.39	366.85	1.074	375.85
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	135.00	322.25	312.25	317.25	74.23	375.41	1.004	375.65	75.18	374.46	1.004	374.69
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	125.00	332.17	322.17	327.17	74.50	375.49	1.004	375.69	75.40	374.59	1.002	374.69
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	41.00	426.30	406.30	416.30	20.10	429.77	1.018	430.01	22.13	427.74	1.018	427.94
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	88.00	369.68	359.68	364.68	74.77	375.70	1.016	375.88	75.72	374.75	1.010	374.85
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	194.00	263.79	253.79	258.79	75.35	374.27	1.030	377.73	76.30	373.32	1.026	376.30
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	102.00	355.38	345.38	350.38	73.47	376.38	1.000	376.38	74.65	375.20	1.004	375.30
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	79.00	378.53	368.53	373.53	73.40	376.19	1.048	376.37	74.60	374.99	1.040	375.12
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	48.00	419.43	399.43	409.43	16.94	432.79	1.010	433.02	23.05	426.68	1.010	426.85
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	152.00	249.63	239.63	244.63	26.53	367.26	1.074	376.33	27.26	366.53	1.078	376.04
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	62.00	339.71	329.71	334.71	20.93	372.83	1.006	373.06	21.41	372.35	1.006	372.58
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	49.00	352.85	342.85	347.85	21.79	372.78	1.004	372.87	22.24	372.33	1.006	372.47
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	32.00	369.76	359.76	364.76	21.38	372.77	1.004	372.80	21.85	372.30	1.004	372.33
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	30.00	381.02	371.02	376.02	19.78	383.72	1.002	383.74	20.15	383.35	1.004	383.38
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	36.00	376.20	366.20	371.20	26.08	377.91	1.002	377.92	27.60	376.39	1.002	376.40
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	36.00	376.13	366.13	371.13	27.20	377.03	1.000	377.03	28.34	375.89	1.002	375.90
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	35.00	374.81	364.81	369.81	25.72	376.34	1.002	376.36	26.69	375.37	1.000	375.37
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	34.00	373.87	363.87	368.87	23.82	376.12	1.004	376.14	24.79	375.15	1.016	375.25
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	32.00	374.63	364.63	369.63	23.98	375.08	1.002	375.09	24.97	374.09	1.000	374.09
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	89.36	297.21	287.21	292.21	8.28	370.11	1.016	371.35	8.30	370.09	1.010	370.86
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	22.80	359.00	354.00	356.50	8.70	370.22	1.004	370.27	8.67	370.25	1.008	370.36
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	63.00	392.18	382.18	387.18	27.55	419.67	1.020	420.32	27.91	419.31	1.014	419.76
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	40.00	415.20	405.20	410.20	20.05	427.00	1.024	427.41	20.45	426.60	1.020	426.93
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	78.00	377.06	367.06	372.06	27.57	419.70	1.048	421.99	28.02	419.25	1.044	421.33
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	18.00	437.06	427.06	432.06	4.20	442.70	1.004	442.74	4.89	442.01	1.002	442.03
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	74.80	333.63	328.63	331.13	22.18	380.94	1.004	381.14	23.62	379.50	1.002	379.60
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	39.00	369.40	364.40	366.90	21.80	381.20	1.004	381.25	23.24	379.76	1.002	379.78
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	104.00	307.92	297.92	302.92	27.42	374.91	1.046	378.22	28.83	373.50	1.046	376.75
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	43.00	367.53	357.53	362.53	24.67	378.06	1.002	378.09	26.20	376.53	1.000	376.53
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	76.00	334.92	324.92	329.92	26.53	375.91	1.010	376.37	27.24	375.20	1.010	375.65
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	43.20	367.80	357.80	362.80	27.51	376.12	1.002	376.15	29.20	374.43	1.002	374.46
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	99.00	306.89	296.89	301.89	22.82	374.64	1.010	375.37	23.69	373.77	1.008	374.35
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	38.80	367.03	357.03	362.03	23.28	375.07	1.004	375.12	24.21	374.14	1.002	374.16
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	120.00	275.32	265.32	270.32	19.50	368.11	1.016	369.67	19.44	368.17	1.022	370.32
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	62.00	328.56	323.56	326.06	18.70	369.03	1.012	369.54	18.58	369.15	1.014	369.75
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	156.10	238.59	228.99	233.79	22.40	364.99	1.076	374.97	24.69	362.70	1.115	377.53
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	11.80	378.61	373.61	376.11	14.20	373.70	NA[1]	NA	14.28	373.62	NA[1]	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	79.80	312.50	302.50	307.50	13.94	369.44	1.052	372.66	14.11	369.27	1.042	371.86
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	77.00	304.71	299.71	302.21	9.33	369.45	1.042	372.27	9.43	369.35	1.042	372.16
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	113.00	273.33	263.33	268.33	13.89	364.19	1.100	373.78	13.90	364.18	1.104	374.15
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	53.00	328.61	323.61	326.11	8.20	371.13	1.012	371.67	8.32	371.01	1.008	371.37
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	74.00	311.10	301.10	306.10	5.70	371.55	1.020	372.86	5.69	371.56	1.036	373.92
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	20.00	364.64	354.64	359.64	8.00	369.75	1.004	369.79	9.44	368.31	1.004	368.34
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	74.00	311.30	301.30	306.30	7.20	370.41	1.040	372.97	5.86	371.75	1.036	374.11
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	15.00	371.30	361.30	366.30	4.30	374.32	1.008	374.38	7.59	371.03	1.008	371.07
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	25.00	432.97	422.97	427.97	9.59	440.09	1.000	440.09	19.94	429.74	1.014	429.79
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	130.00	274.82	244.82	259.82	8.22	367.63	1.080	376.26	6.80	369.05	1.109	380.96
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	60.00	324.84	314.84	319.84	4.83	371.14	1.030	372.68	2.73	373.24	1.020	374.31

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)		Bottom of Screen Depth (ft)	Top of Screen Elev (ft)		Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2017	GW Elevation October 2017	Specific Gravity October 2017	Equivalent Fresh Water Head October 2017
SB915-IMW-01S	Wastebeds 9-15	S	912220.3	1121196.6	376.76	378.53	8.00	-	18.00	368.76	-	358.76	363.76	8.09	370.44	1.016	370.55
SB915-IMW-02S	Wastebeds 9-15	S	911975.8	1121977.8	376.80	378.48	6.00	-	16.00	370.80	-	360.80	365.80	6.10	372.38	1.024	372.54
SB915-IMW-03S	Wastebeds 9-15	S	911611.2	1122557.5	377.30	379.35	9.00	-	24.00	368.30	-	353.30	360.80	8.23	371.12	1.030	371.43
SB915-IMW-04S	Wastebeds 9-15	S	911192.1	1122857.2	375.99	379.57	6.00	-	16.00	369.99	-	359.99	364.99	9.84	369.73	1.006	369.76
SB915-IMW-05S	Wastebeds 9-15	S	911621.2	1122185.7	376.86	378.81	10.00	-	20.00	366.86	-	356.86	361.86	5.02	373.79	1.012	373.93
SB915-IMW-06S	Wastebeds 9-15	S	911872.3	1121780.9	376.88	378.89	4.00	-	14.00	372.88	-	362.88	367.88	4.88	374.01	1.016	374.11
SB915-MW-01	Wastebeds 9-15	S	911682.9	1118587.7	400.39	402.57	6.17	-	16.17	394.22	-	384.22	389.22	DRY	NA	NA	NA
SB915-MW-03	Wastebeds 9-15	S	912312.1	1119305.1	384.42	386.42	24.35	-	34.35	360.07	-	350.07	355.07	7.67	378.75	1.008	378.94
SB915-MW-04	Wastebeds 9-15	S	912377.7	1120043.4	377.86	379.02	11.95	-	21.95	365.91	-	355.91	360.91	10.11	368.91	1.018	369.05
SB915-MW-100S	Wastebeds 9-15 SCA	S	907035.0	1121705.3	394.71	396.74	22.00	-	32.00	372.71	-	362.71	367.71	24.71	372.03	1.012	372.09
SB915-MW-101S	Wastebeds 9-15 SCA	S	907379.1	1121602.9	395.12	397.15	22.00	-	32.00	373.12	-	363.12	368.12	25.17	371.98	1.008	372.02
SB915-MW-102S	Wastebeds 9-15 SCA	S	908344.8	1121283.7	393.38	395.81	20.00	-	30.00	373.38	-	363.38	368.38	24.08	371.73	1.010	371.77
SB915-MW-103S	Wastebeds 9-15 SCA	S	906152.5	1118994.3	440.45	443.04	68.00	-	78.00	372.45	-	362.45	367.45	69.59	373.45	1.006	373.49
SB915-MW-104I	Wastebeds 9-15	I	904888.5	1117766.1	400.90	402.84	62.00	-	72.00	338.90	-	328.90	333.90	29.04	373.80	1.002	373.88
SB915-MW-104S	Wastebeds 9-15	S	904890.9	1117753.9	400.60	402.98	14.00	-	24.00	386.60	-	376.60	381.60	9.33	393.65	1.066	394.45
SB915-MW-105BR	Wastebeds 9-15	BR	907632.1	1116990.1	463.30	464.66	48.40	-	63.40	414.90	-	399.90	407.40	57.35	407.31	1.004	407.32
SB915-MW-105S	Wastebeds 9-15	S	907627.9	1116988.1	463.40	465.15	4.00	-	14.00	459.40	-	449.40	454.40	DRY	NA	NA	NA
SB915-MW-106I	Wastebeds 9-15	I	911442.7	1119949.0	379.70	381.92	34.00	-	44.00	345.70	-	335.70	340.70	9.53	372.39	1.000	372.39
SB915-MW-106S	Wastebeds 9-15	S	911443.7	1119940.0	379.60	381.69	8.00	-	18.00	371.60	-	361.60	366.60	6.61	375.08	1.004	375.11
SB915-MW-107BR	Wastebeds 9-15	BR	910460.3	1120723.4	377.00	379.09	120.00	-	130.00	257.00	-	247.00	252.00	19.53	359.56	1.126	373.11
SB915-MW-107D	Wastebeds 9-15	D	910476.4	1120718.6	377.00	378.77	96.00	-	106.00	281.00	-	271.00	276.00	11.34	367.43	1.040	371.09
SB915-MW-107I	Wastebeds 9-15	I	910488.0	1120715.2	376.70	378.49	46.00	-	56.00	330.70	-	320.70	325.70	8.25	370.24	1.008	370.60
SB915-MW-107S	Wastebeds 9-15	S	910497.4	1120710.1	377.00	378.89	10.00	-	20.00	367.00	-	357.00	362.00	5.09	373.80	1.034	374.20
SB915-MW-108BR	Wastebeds 9-15	BR	908744.2	1123161.5	398.20	400.51	83.00	-	93.00	315.20	-	305.20	310.20	23.62	376.89	1.004	377.16
SB915-MW-108D	Wastebeds 9-15	D	908745.2	1123148.7	397.50	400.42	52.00	-	62.00	345.50	-	335.50	340.50	29.83	370.59	1.000	370.59
SB915-MW-108S	Wastebeds 9-15	S	908746.2	1123136.7	397.90	400.24	15.00	-	25.00	382.90	-	372.90	377.90	25.05	375.19	1.004	375.19
SB915-MW-109I	Wastebeds 9-15	I	909836.8	1123405.2	384.10	385.86	43.00	-	53.00	341.10	-	331.10	336.10	17.02	368.84	1.014	369.30
SB915-MW-109S	Wastebeds 9-15	S	909826.4	1123406.6	384.10	386.03	4.00	-	14.00	380.10	-	370.10	375.10	4.04	381.99	1.018	382.11
SB915-MW-110S	Wastebeds 9-15	S	910978.3	1123187.4	377.30	379.00	8.00	-	18.00	369.30	-	359.30	364.30	4.61	374.39	1.006	374.45
SB915-MW-111BR	Wastebeds 9-15	BR	912000.0	1123138.4	375.70	377.35	131.00	-	141.00	244.70	-	234.70	239.70	13.99	363.36	1.110	376.96
SB915-MW-111D	Wastebeds 9-15	D	911988.5	1123140.7	375.60	377.42	87.00	-	97.00	288.60	-	278.60	283.60	9.45	367.97	1.040	371.34
SB915-MW-111I	Wastebeds 9-15	I	911977.5	1123143.2	375.30	377.54	54.00	-	64.00	321.30	-	311.30	316.30	9.25	368.29	1.038	370.27
SB915-MW-111S	Wastebeds 9-15	S	911966.1	1123145.9	375.60	377.62	13.00	-	23.00	362.60	-	352.60	357.60	8.85	368.77	1.038	369.19
SB915-MW-112I	Wastebeds 9-15	I	914048.0	1122805.9	383.90	385.91	50.00	-	60.00	333.90	-	323.90	328.90	17.26	368.65	1.048	370.56
SB915-MW-112S	Wastebeds 9-15	S	914035.7	1122808.0	383.80	385.77	10.00	-	20.00	373.80	-	363.80	368.80	15.15	370.62	1.010	370.65
SB915-MW-113S	Wastebeds 9-15	S	915171.7	1122137.9	375.20	377.07	18.00	-	28.00	357.20	-	347.20	352.20	11.45	365.62	1.014	365.81
SB915-MW-114BR	Wastebeds 9-15	BR	910193.2	1117515.7	459.30	461.78	27.00	-	37.00	432.30	-	422.30	427.30	38.21	423.57	1.008	423.58
SB915-MW-115BR	Wastebeds 9-15	BR	912390.0	1120039.7	378.08	380.35	79.00	-	89.00	299.08	-	289.08	294.08	9.36	370.99	1.014	372.07
SB915-MW-116S	Wastebeds 9-15	S	911666.5	1120199.4	375.20	376.86	8.00	-	18.00	367.20	-	357.20	362.20	6.97	369.89	1.006	369.94
SB915-MW-117S	Wastebeds 9-15	S	913006.5	1119726.8	379.80	381.51	14.00	-	24.00	365.80	-	355.80	360.80	9.07	372.44	1.006	372.51
SB915-MW-118BR	Wastebeds 9-15	BR	911507.1	1119379.6	380.50	382.35	47.00	-	57.00	333.50	-	323.50	328.50	3.37	378.98	1.006	379.28
SB915-MW-118S	Wastebeds 9-15	S	911505.3	1119375.5	380.50	382.59	4.00	-	14.00	376.50	-	366.50	371.50	6.50	376.09	1.024	376.21
SB915-MW-36D	Wastebeds 9-15	D	907402.3	1118700.9	454.26	454.82	108.00	-	118.00	346.26	-	336.26	341.26	82.82	372.00	1.010	372.31
SB915-MW-36I	Wastebeds 9-15	SOLW	907408.6	1118694.3	453.41	456.19	52.00	-	62.00	401.41	-	391.41	396.41	39.70	416.49	1.026	417.01
SB915-MW-36S	Wastebeds 9-15	SOLW	907404.8	1118697.2	453.56	455.80	8.00	-	18.00	445.56	-	435.56	440.56	DRY	NA	NA	NA
SB915-MW-40S	Wastebeds 9-15	SOLW	914447.4	1122218.7	436.24	439.64	35.00	-	45.00	401.24	-	391.24	396.24	DRY	NA	NA	NA
SB915-MW-42D	Wastebeds 9-15	D	913102.1	1121517.6	435.59	437.28	122.00	-	132.00	313.59	-	303.59	308.59	69.15	368.13	1.048	370.98
SB915-MW-42I	Wastebeds 9-15	SOLW	913108.5	1121520.1	435.63	437.85	59.00	-	69.00	376.63	-	366.63	371.63	49.35	388.50	1.068	389.64
SB915-MW-42S	Wastebeds 9-15	SOLW	913115.5	1121523.1	435.70	437.39	30.00	-	40.00	405.70	-	395.70	400.70	DRY	NA	NA	NA
SB915-MW-43S	Wastebeds 9-15	SOLW	912821.9	1122526.7	436.77	439.44	35.00	-	45.00	401.77	-	391.77	396.77	46.09	393.35	NA[1]	NA
SB915-MW-50S	Wastebeds 9-15	SOLW	910255.4	1122740.3	436.29	438.52	25.00	-	35.00	411.29	-	401.29	406.29	DRY	NA	NA	NA
SB915-MW-51S	Wastebeds 9-15	SOLW	910495.3	1122148.3	438.65	440.46	25.00	-	35.00	413.65	-	403.65	408.65	DRY	NA	NA	NA
SB915-MW-53D	Wastebeds 9-15	D	909265.2	1123027.6	435.92	437.96	110.00	-	120.00	325.92	-	315.92	320.92	68.18	369.78	1.002	369.88
SB915-MW-53I	Wastebeds 9-15	SOLW	909254.4	1123030.9	436.43	437.72	61.50	-	71.50	374.93	-	364.93	369.93	49.76	387.96	1.066	389.15
SB915-MW-53S	Wastebeds 9-15	SOLW	909244.6	1123033.7	436.25	438.04	25.00	-	35.00	411.25	-	401.25	406.25	DRY	NA	NA	NA
SB915-MW-59S	Wastebeds 9-15	S	909681.4	1122233.7	378.80	380.82	10.00	-	20.00	368.80	-	358.80	363.80	12.64	368.18	1.010	368.23
SB915-MW-60S	Wastebeds 9-15	S	909452.0	1122405.6	379.37	381.26	10.00	-	20.00	369.37	-	359.37	364.37	12.39	368.87	1.008	368.90
SB915-MW-70D	Wastebeds 9-15	D	910102.9	1121886.8	383.90	385.90	53.00	-	63.00	330.90	-	320.90	325.90	18.99	366.91	1.046	368.80
SB915-MW-70S	Wastebeds 9-15	S	910108.2	1121886.5	384.50	385.83	15.00	-	25.00	369.50	-	359.50	364.50	18.04	367.79	1.012	367.84
SB915-MW-84D	Wastebeds 9-15	D	909884.0	1121843.6	379.99	382.10	54.50	-	64.50	325.49	-	315.49	320.49	14.95	367.15	1.050	369.48
SB915-MW-84S	Wastebeds 9-15	S	909881.2	1121847.5	379.73	381.70	15.00	-	25.00	364.73	-	354.73	359.73	14.06	367.64	1.018	367.78
SB915-MW-85D	Wastebeds 9-15	D	910051.0	1121753.9	378.00	379.73	67.50	-	77.50	310.50	-	300.50	305.50	13.27	366.46	1.066	370.48

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

TABLE 3 *Monitoring Well Groundwater Elevations*

Location ID	Site	Unit	Easting	Northing	Ground Surface Elev (ft)	Top of Casing Elev (ft)	Top of Screen Depth (ft)		Bottom of Screen Depth (ft)	Top of Screen Elev (ft)		Bottom of Screen Elev (ft)	Screen Midpoint Elev (ft)	DTW October 2017	GW Elevation October 2017	Specific Gravity October 2017	Equivalent Fresh Water Head October 2017
SB915-MW-85I	Wastebeds 9-15	I	910046.5	1121757.9	377.90	379.63	44.00	-	54.00	333.90	-	323.90	328.90	12.53	367.10	1.048	368.93
SB915-MW-85S	Wastebeds 9-15	S	910038.7	1121744.5	377.90	379.52	16.00	-	26.00	361.90	-	351.90	356.90	9.70	369.82	1.010	369.95
SB915-MW-87BR	Wastebeds 9-15 SCA	BR	904766.7	1119525.8	400.91	403.29	119.00	-	129.00	281.91	-	271.91	276.91	32.02	371.27	1.038	374.86
SB915-MW-87I	Wastebeds 9-15 SCA	I	904758.3	1119523.6	402.10	403.91	64.00	-	74.00	338.10	-	328.10	333.10	32.02	371.89	1.002	371.97
SB915-MW-87S	Wastebeds 9-15-SCA	S	904761.5	1119535.3	401.21	403.58	25.00	-	35.00	376.21	-	366.21	371.21	30.31	373.27	1.002	373.28
SB915-MW-88BR	Wastebeds 9-15 SCA	BR	905107.2	1120731.1	400.93	402.47	100.00	-	110.00	300.93	-	290.93	295.93	29.89	372.58	1.028	374.72
SB915-MW-88D	Wastebeds 9-15 SCA	D	905102.4	1120727.2	400.48	402.73	59.00	-	69.00	341.48	-	331.48	336.48	29.71	373.02	1.012	373.46
SB915-MW-88I	Wastebeds 9-15 SCA	I	905090.9	1120718.5	400.69	403.43	42.00	-	52.00	358.69	-	348.69	353.69	30.01	373.42	1.006	373.53
SB915-MW-88S	Wastebeds 9-15 SCA	S	905087.4	1120714.7	400.79	403.60	25.00	-	35.00	375.79	-	365.79	370.79	30.26	373.34	1.008	373.37
SB915-MW-89BR	Wastebeds 9-15 SCA	BR	906132.5	1121444.9	399.24	401.11	118.00	-	128.00	281.24	-	271.24	276.24	29.18	371.93	1.030	374.80
SB915-MW-89D	Wastebeds 9-15 SCA	D	906124.8	1121442.7	399.05	401.63	63.00	-	73.00	336.05	-	326.05	331.05	29.11	372.52	1.004	372.68
SB915-MW-89I	Wastebeds 9-15 SCA	I	906119.2	1121441.5	399.15	401.64	43.00	-	53.00	356.15	-	346.15	351.15	28.93	372.71	1.002	372.75
SB915-MW-89S	Wastebeds 9-15 SCA	S	906111.8	1121439.5	399.10	401.57	22.00	-	32.00	377.10	-	367.10	372.10	28.91	372.66	1.002	372.67
SB915-MW-89SR	Wastebeds 9-15 SCA	S	906106.8	1121438.8	399.07	401.56	10.00	-	20.00	389.07	-	379.07	384.07	DRY	NA	NA	NA
SB915-MW-90BR	Wastebeds 9-15 SCA	BR	907636.2	1121519.8	395.97	398.26	119.50	-	129.50	276.47	-	266.47	271.47	28.28	369.98	1.028	372.74
SB915-MW-90I	Wastebeds 9-15 SCA	I	907667.2	1121509.6	395.74	398.85	42.00	-	52.00	353.74	-	343.74	348.74	26.88	371.97	1.006	372.11
SB915-MW-90S	Wastebeds 9-15-SCA	S	907671.1	1121509.0	395.50	397.47	22.00	-	32.00	373.50	-	363.50	368.50	25.46	372.01	1.004	372.02
SB915-MW-91BR	Wastebeds 9-15 SCA	BR	908304.6	1119995.6	447.30	450.24	197.00	-	207.00	250.30	-	240.30	245.30	85.11	365.13	1.076	374.24
SB915-MW-91D	Wastebeds 9-15 SCA	D	908297.6	1119985.4	447.25	449.64	125.00	-	135.00	322.25	-	312.25	317.25	77.44	372.20	1.006	372.53
SB915-MW-91I	Wastebeds 9-15 SCA	D	908291.6	1119975.8	447.17	449.99	115.00	-	125.00	332.17	-	322.17	327.17	77.68	372.31	1.004	372.49
SB915-MW-91S	Wastebeds 9-15 SCA	SOLW	908294.3	1119980.5	447.30	449.87	21.00	-	41.00	426.30	-	406.30	416.30	25.68	424.19	1.020	424.37
SB915-MW-91SN	Wastebeds 9-15 SCA	S	908300.4	1119990.1	447.68	450.47	78.00	-	88.00	369.68	-	359.68	364.68	78.04	372.43	1.010	372.51
SB915-MW-92BR	Wastebeds 9-15 SCA	BR	907275.4	1119280.1	447.79	449.62	184.00	-	194.00	263.79	-	253.79	258.79	78.52	371.10	1.030	374.47
SB915-MW-92D	Wastebeds 9-15 SCA	I	907281.7	1119280.3	447.38	449.85	92.00	-	102.00	355.38	-	345.38	350.38	77.25	372.60	1.004	372.69
SB915-MW-92I	Wastebeds 9-15 SCA	I	907287.3	1119281.5	447.53	449.59	69.00	-	79.00	378.53	-	368.53	373.53	76.91	372.68	1.032	372.74
SB915-MW-92S	Wastebeds 9-15 SCA	SOLW	907293.6	1119282.7	447.43	449.73	28.00	-	48.00	419.43	-	399.43	409.43	30.07	419.66	1.012	419.78
SB915-MW-93BR	Wastebeds 9-15 SCA	BR	908865.2	1121130.5	391.63	393.79	142.00	-	152.00	249.63	-	239.63	244.63	28.67	365.12	1.076	374.27
SB915-MW-93D	Wastebeds 9-15 SCA	D	908882.7	1121124.8	391.71	393.76	52.00	-	62.00	339.71	-	329.71	334.71	23.33	370.43	1.004	370.58
SB915-MW-93I	Wastebeds 9-15 SCA	I	908895.9	1121121.0	391.85	394.57	39.00	-	49.00	352.85	-	342.85	347.85	24.11	370.46	1.004	370.55
SB915-MW-93S	Wastebeds 9-15 SCA	S	908888.9	1121122.9	391.76	394.15	22.00	-	32.00	369.76	-	359.76	364.76	23.70	370.45	1.026	370.59
SB915-MW-94S	Wastebeds 9-15 SCA	S	904859.3	1118797.1	401.02	403.50	20.00	-	30.00	381.02	-	371.02	376.02	22.30	381.20	1.004	381.22
SB915-MW-95S	Wastebeds 9-15 SCA	S	904825.3	1119977.8	402.20	403.99	26.00	-	36.00	376.20	-	366.20	371.20	30.22	373.77	1.000	373.77
SB915-MW-96S	Wastebeds 9-15 SCA	S	904823.7	1120452.5	402.13	404.23	26.00	-	36.00	376.13	-	366.13	371.13	30.79	373.44	1.002	373.44
SB915-MW-97S	Wastebeds 9-15 SCA	S	905388.3	1120984.9	399.81	402.06	25.00	-	35.00	374.81	-	364.81	369.81	28.98	373.08	1.004	373.10
SB915-MW-98S	Wastebeds 9-15 SCA	S	905690.7	1121281.9	397.87	399.94	24.00	-	34.00	373.87	-	363.87	368.87	27.06	372.88	1.006	372.90
SB915-MW-99S	Wastebeds 9-15 SCA	S	906540.8	1121549.1	396.63	399.06	22.00	-	32.00	374.63	-	364.63	369.63	27.12	371.94	1.006	371.97
SB915-MWB-01D	Wastebeds 9-15	D	909558.9	1121719.1	376.57	378.39	79.36	-	89.36	297.21	-	287.21	292.21	9.63	368.76	1.018	370.13
SB915-MWB-01S	Wastebeds 9-15	S	909555.1	1121713.8	376.80	378.92	17.80	-	22.80	359.00	-	354.00	356.50	10.05	368.87	1.010	368.99
SB915-PZ-07D	Wastebeds 9-15	SOLW	910099.0	1120019.5	445.18	447.22	53.00	-	63.00	392.18	-	382.18	387.18	31.31	415.91	1.020	416.49
SB915-PZ-07I	Wastebeds 9-15	SOLW	910100.9	1120024.2	445.20	447.05	30.00	-	40.00	415.20	-	405.20	410.20	23.97	423.08	1.028	423.44
SB915-PZ-07N	Wastebeds 9-15	S	910098.1	1120015.5	445.06	447.27	68.00	-	78.00	377.06	-	367.06	372.06	31.29	415.98	1.048	418.09
SB915-PZ-07S	Wastebeds 9-15	SOLW	910104.6	1120028.1	445.06	446.90	8.00	-	18.00	437.06	-	427.06	432.06	10.73	436.17	1.004	436.19
SB915-WB-01L	Wastebeds 9-15	D	902386.1	1116879.9	403.43	403.12	69.80	-	74.80	333.63	-	328.63	331.13	26.45	376.67	1.004	376.85
SB915-WB-01U	Wastebeds 9-15	S	902290.2	1116863.6	403.40	403.00	34.00	-	39.00	369.40	-	364.40	366.90	25.95	377.05	1.004	377.09
SB915-WB-02L	Wastebeds 9-15	D	904753.1	1119513.2	401.92	402.33	94.00	-	104.00	307.92	-	297.92	302.92	31.24	371.09	1.046	374.23
SB915-WB-02U	Wastebeds 9-15	S	904741.3	1119497.0	400.53	402.73	33.00	-	43.00	367.53	-	357.53	362.53	28.81	373.92	1.000	373.92
SB915-WB-03L	Wastebeds 9-15	D	904631.3	1121623.9	400.92	402.44	66.00	-	76.00	334.92	-	324.92	329.92	29.25	373.19	1.008	373.54
SB915-WB-03U	Wastebeds 9-15	S	904626.0	1121621.5	401.00	403.63	33.20	-	43.20	367.80	-	357.80	362.80	32.00	371.63	1.003	371.66
SB915-WB-04L	Wastebeds 9-15	D	907660.0	1121512.5	395.89	397.46	89.00	-	99.00	306.89	-	296.89	301.89	25.83	371.63	1.008	372.19
SB915-WB-04U	Wastebeds 9-15	S	907654.4	1121514.0	395.83	398.35	28.80	-	38.80	367.03	-	357.03	362.03	26.36	371.99	1.004	372.02
SB915-WB-05L	Wastebeds 9-15	D	910619.4	1121728.9	385.32	387.61	110.00	-	120.00	275.32	-	265.32	270.32	20.78	366.83	1.024	369.14
SB915-WB-05M	Wastebeds 9-15	I	910605.7	1121733.6	385.56	387.73	57.00	-	62.00	328.56	-	323.56	326.06	19.86	367.87	1.016	368.53
SB915-WB-05R	Wastebeds 9-15	BR	910631.0	1121725.2	385.09	387.39	146.50	-	156.10	238.59	-	228.99	233.79	26.01	361.38	1.094	373.38
SB915-WB-05U	Wastebeds 9-15	S	910613.7	1121731.2	385.41	387.90	6.80	-	11.80	378.61	-	373.61	376.11	DRY	NA	NA	NA
SB915-WB-06	Wastebeds 9-15	D	914162.4	1123089.7	382.30	383.38	69.80	-	79.80	312.50	-	302.50	307.50	15.49	367.89	1.062	371.63
SB915-WB-07L	Wastebeds 9-15	D	912147.5	1121340.2	376.71	378.78	72.00	-	77.00	304.71	-	299.71	302.21	10.89	367.89	1.044	370.77
SB915-WB-07R	Wastebeds 9-15	BR	912140.1	1121354.2	376.33	378.08	103.00	-	113.00	273.33	-	263.33	268.33	15.20	362.88	1.104	372.71
SB915-WB-07U	Wastebeds 9-15	S	912145.9	1121344.2	376.61	379.33	48.00	-	53.00	328.61	-	323.61	326.11	9.78	369.55	1.012	370.08
SB915-WB-09L	Wastebeds 9-15	D	914893.2	1121705.4	375.10	377.25	64.00	-	74.00	311.10	-	301.10	306.10	7.21	370.04	1.026	371.70
SB915-WB-09U	Wastebeds 9-15	S	914906.4	1121703.1	374.64	377.75	10.00	-	20.00	364.64	-	354.64	359.64	12.39	365.36	1.006	365.39
SB915-WB-10L	Wastebeds 9-15	D	913634.3	1121298.2	375.30	377.61	64.00	-	74.00	311.30	-	301.30	306.30	8.79	368.82	1.042	371.45
SB915-WB-10U	Wastebeds 9-15	S	913632.7	1121329.4	376.30	378.62	5.00	-	15.00	371.30	-	361.30	366.30	8.70	369.92	1.062	370.19
SB915-WB-15B/15S	Wastebeds 9-15	SOLW	905550.1	1116676.5	447.97	449.68	15.00	-	25.00	432.97	-	422.97	427.97	25.32	424.36	NA[1]	NA
WB18-MW-14BR	Wastebeds 1-8	BR	916007.0	1122830.3	374.82	375.85	100.00	-	130.00	274.82	-	244.82	259.82	0.80	375.05	1.008	375.97
WB18-MW-14D	Wastebeds 1-8	D	915989.1	1122852.8	374.84	375.97	50.00	-	60.00	324.84	-	314.84	319.84	4.21	371.76	1.022	372.91

Dry - Monitoring Well was dry
NA - Not Available
NA1 - Not enough water for Specific Gravity
NA2 - Monitoring Well is obstructed
NA3 - Monitoring Well is broken

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TABLE 4 *Groundwater, Subsurface Leachate, and Surface Water Sample Location Analytical Testing Summary*

Groundwater

	2013			2014				2015				2016				2017			
Location ID	Q2 May	Q3 Aug-Sept	Q4 Oct-Nov	Q1 Feb	Q2 May	Q3 Aug-Sept	Q4 Oct-Dec	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov
SB915-IMW-01S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-IMW-02S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-IMW-03S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-IMW-04S	R	NS[2]	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-IMW-05S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-IMW-06S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-01	R	NS[1]	R	R	R	R	E	NS[1]	ME	NS[1]	MR	MR	MR	NS[1]	MR	MR	ME	MR	NS[1]
SB915-MW-03	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-04	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-104I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-104S	R	E	R	R	R	R	NS[1]	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-105S	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	MR
SB915-MW-105BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	NS[1]
SB915-MW-106I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-106S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-107BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-107D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-107I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-107S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-108BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-108D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-108S	R	NS[1]	N[S1]	NS[1]	R	NS[1]	NS[1]	NS[1]	NS[1]	MR	NS[1]	MR	MR	NS[1]	NS[1]	MR	ME	MR	NS[1]
SB915-MW-109I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-109S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-110S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-111BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-111D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-111I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-111S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-112I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-112S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-113S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-114BR	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
SB915-MW-115BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-116S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-117S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-118BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR

TABLE 4 *Groundwater, Subsurface Leachate, and Surface Water Sample Location Analytical Testing Summary*

Groundwater

	2013			2014				2015				2016				2017			
Location ID	Q2 May	Q3 Aug-Sept	Q4 Oct-Nov	Q1 Feb	Q2 May	Q3 Aug-Sept	Q4 Oct-Dec	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov
SB915-MW-118S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-36D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-36I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-36S	R	NS[1]	NS[1]	R	R	NS[1]	NS[1]	NS[1]	ME	NS[1]	NS[1]	MR	MR	NS[1]	MR	MR	ME	MR	NS[1]
SB91-MW-40S	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	ME	NS[1]	NS[1]
SB915-MW-42D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-42I	R	E	R	R	R	R	NS[1]	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-42S	R	NS[1]	NS[1]	NS[1]	R	NS[1]	NS[1]	NS[1]	NS[1]	MR	NS[1]	MR	MR	NS[1]	NS[1]	MR	ME	NS[1]	NS[1]
SB915-MW-43S	R	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	MR	NS[1]	MR	MR	NS[1]	NS[1]	MR	ME	MR	NS[1]
SB915-MW-50S	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
SB915-MW-51S	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
SB915-MW-53D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-53I	R	E	R	R	R	R	NS1	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-53S	R	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	MR	NS[1]	MR	MR	NS[1]	NS[1]	MR	ME	NS[1]	NS[1]
SB915-MW-59S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-60S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-70D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-70S	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-85D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-87BR	B	B	B	B	B	B	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-87I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-87S*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-88BR	B	B	B	B	B	B	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-88D*	B	B	B	B	B	B	E	MB	ME	MB	MB	MR	MR	ME	MR	MR	ME	MB	MB
SB915-MW-88I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-88S*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-89BR	B	B	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-89D*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-89I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-89S*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-89SR*	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	MB	MB
SB915-MW-90BR	B	B	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-90I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-90S*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-91BR	B	B	B	B	B	B	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-91D*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-91I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB

TABLE 4 *Groundwater, Subsurface Leachate, and Surface Water Sample Location Analytical Testing Summary*

Groundwater

	2013			2014				2015				2016				2017			
Location ID	Q2 May	Q3 Aug-Sept	Q4 Oct-Nov	Q1 Feb	Q2 May	Q3 Aug-Sept	Q4 Oct-Dec	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov	Q1 Feb-Mar	Q2 Apr-Jun	Q3 Jul-Aug	Q4 Oct-Nov
SB915-MW-91S	B	B	B	B	B	B	B	MB	MB	MB	MB	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-92BR	B	B	B	B	B	B	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-92D*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-92I*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-MW-92S	B	B	B	B	B	B	B	MB	MB	MB	MB	MR	MR	ME	MR	MR	ME	MR	MR
SB915-MW-93BR	B	B	B	E	B	B	B	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-PZ-07D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-PZ-07I	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-PZ-07S	R	E	R	R	R	R	NS[1]	MR	ME	MR	MR	MR	MR	NS[1]	MR	MR	ME	MR	MR
SB915-WB-01L	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-02L*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-WB-03L	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-04L*	B	B	B	B	B	B	E	MB	ME	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
SB915-WB-05L	R	NS[2]	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-05M	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-05R	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-05U	R	E	R	R	R	R	NS[1]	NS[1]	ME	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]	NS[1]
SB915-WB-06	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-07L	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-07R	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-07U	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-09L	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-09U	R	NS[2]	R	NS[1]	R	NS[1]	NS[1]	NS[1]	NS[1]	MR	NS[1]	MR	MR	NS[1]	NS[1]	MR	ME	MR	NS[1]
SB915-WB-10L	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-10U	R	NS[1]	R	R	R	R	NS[1]	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
SB915-WB-15B/S	NS[1]	E	R	NS[2]	NS[2]	NS[2]	NS[2]	NS[2]	ME	NS[2]	MR	MR	MR	NS[1]	MR	MR	ME	MR	NS[1]
WB18-MW-14BR	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR
WB18-MW-14D	R	E	R	R	R	R	E	MR	ME	MR	MR	MR	MR	ME	MR	MR	ME	MR	MR

Notes:
R: Routine Laboratory Methods
E: Expanded Laboratory Methods
B: Baseline Laboratory Methods
MR: Modified Routine Laboratory Methods

ME: Modified Expanded Laboratory Methods
MB: Modified Baseline Laboratory Methods
NS[1]: Not Sampled (Dry)
NS[2]: Not Sampled (Obstruction in Well)
NS[3]: Not Sampled (Could Not Locate)

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TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
Other Methods					
Mercury			X	X	X (2-)
Bromide			X	X	X (1+, 5-)
Chloride			X	X	X (2+,25-)
Nitrate			X	X	
Nitrite			X		
Sulfate			X	X	X (14+, 3-)
Ammonia			X	X	X (1+, 10-)
Nitrogen, Kjeldahl			X		X (15-)
Chemical Oxygen Demand			X		X (46-)
Phenolics, Total Recoverable			X	X	X (7-)
Dissolved Oxygen			X	X	X (2-)
pH			X	X	
Turbidity			X	X	X (2+)
Alkalinity			X		X (48+)
Alkalinity, Bicarbonate			X		X (43+)
Alkalinity, Carbonate			X		X (4+)
HARDNESS (AS CACO3)			X		X (6+, 25-)
Solids, Total Dissolved			X	X	X (3+, 8-)
Biochemical Oxygen Demand			X		
TOTAL ORGANIC CARBON			X		X (39-)
Cyanide			X	X	X (1+)
Method 6010					
Aluminum			X	X	X (4+)
Antimony			X	X	
Arsenic			X	X	X (2+)
Barium			X	X	X (2-)
Beryllium		X		X	

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TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
Boron			X	X	X (4+)
Cadmium			X		
Calcium			X		X (3+, 20-)
Chromium			X	X	X (2+)
Cobalt			X	X	X (5+, 1-)
Copper			X	X	X (12+)
Iron			X	X	X (8+, 5-)
Lead			X	X	
Magnesium			X	X	X (4+, 6-)
Manganese			X	X	X (5+, 10-)
Nickel			X	X	X (8+, 1-)
Potassium			X		X (1+, 17-)
Selenium			X	X	X (24+)
Silver			X	X	
Sodium			X	X	X (5+, 16-)
Thallium			X	X	
Tin			X		
Vanadium			X	X	
Zinc			X		
Method 8081					
4,4'-DDD		X			
4,4'-DDE		X		X	
4,4'-DDT			X	X	
Aldrin		X			
alpha-BHC		X			
beta-BHC			X		
Chlordane	X				
delta-BHC			X		

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TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
Dieldrin		X		X	
Endosulfan I			X		
Endosulfan II		X			
Endosulfan sulfate			X		
Endrin			X		
Endrin aldehyde		X			
Famphur	X				
gamma-BHC (Lindane)			X		
Heptachlor		X		X	
Heptachlor epoxide		X			
Hexachlorobenzene			X	X	
Methoxychlor		X			
Toxaphene	X				
Method 8260					
1,1,1,2-Tetrachloroethane	X				
1,1,1-Trichloroethane	X				
1,1,2,2-Tetrachloroethane	X				
1,1,2-Trichloroethane		X			
1,1-Dichloroethane			X	X	X (1-)
1,1-Dichloroethene			X		
1,1-Dichloropropene	X				
1,2,3-Trichloropropane	X				
1,2,4-Trichlorobenzene			X	X	
1,2-Dibromo-3-chloro- propane; DBCP	X				
1,2-Dibromoethane	X				
1,2-Dichlorobenzene			X	X	X (6-)
1,2-Dichloroethane			X	X	X (2-)

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TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
1,2-Dichloropropane	X				
1,3-Dichlorobenzene			X	X	X (3-)
1,3-Dichloropropane	X				
1,4-Dichlorobenzene			X	X	X (7-)
2,2-dichloropropane	X				
2-Butanone (MEK)			X		
2-Hexanone			X		
2-PROPENENITRILE, 2-METHYL-	X				
4-Methyl-2-pentanone (MIBK)			X		
Acetone			X	X	X (2-)
Acrolein	X				
Acrylonitrile	X				
Allyl chloride	X				
Benzene			X	X	X (6-)
Bromochloromethane	X				
Bromodichloromethane		X			
Bromoform	X				
Bromomethane		X			
Carbon disulfide			X		
Carbon tetrachloride	X				
Chlorobenzene			X	X	X (1+, 7-)
Chloroethane		X			
Chloroform			X		
Chloromethane			X		
Chloroprene	X				
cis-1,2-Dichloroethene			X	X	
cis-1,3-Dichloropropene	X				
Dibromochloromethane	X				

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TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
Dibromomethane	X				
Dichlorodifluoromethane			X		
Ethyl methacrylate	X				
Ethylbenzene			X		
Iodomethane		X			
METHYL METHACRYLATE	X				
Styrene	X				
Tetrachloroethene			X		
Toluene			X	X	X (1-)
trans-1,2-DCE			X		
trans-1,2-Dichloro-2-butene	X				
trans-1,3-Dichloropropene		X			
Trichlorofluoromethane	X				
Vinyl acetate	X				
Xylene (total)			X	X	X (1-)
Method 8270					
1,2,4,5-Tetrachlorobenzene		X			
1,3,5-TRINITROBENZENE	X				
1,3-Dinitrobenzene		X			
1,4-NAPHTHOQUINONE		X			
1-Naphthylamine			X		
2,2'-OXYBIS(1-CHLOROPROPANE)	X				
2,3,4,6-Tetrachlorophenol	X				
2,4,5-Trichlorophenol			X		
2,4,6-Trichlorophenol	X				
2,4-Dichlorophenol			X	X	
2,4-Dimethylphenol			X		
2,4-Dinitrophenol	X				

RAMBOLL

TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
2,4-Dinitrotoluene	X				
2,6-Dichlorophenol	X				
2,6-Dinitrotoluene	X				
2-Acetylaminofluorene	X				
2-Chloronaphthalene		X			
2-Chlorophenol			X		
2-Methylnaphthalene			X		
2-Methylphenol			X	X	
2-Naphthylamine		X			
2-Nitroaniline	X				
2-Nitrophenol			X	X	
3,3'-Dichlorobenzidine	X				
3-Methylcholanthrene	X				
4,6-Dinitro-2-methylphenol	X				
4-Aminobiphenyl		X			
4-Bromophenyl phenyl ether		X			
4-Chloro-3-methylphenol		X			
4-chloroaniline		X			
4-Chlorophenyl phenyl ether	X				
4-Nitroaniline	X				
4-Nitrophenol			X	X	
5-Nitro-o-toluidine		X			
7,12-DIMETHYLBENZ(a)ANTHRACENE		X			
Acenaphthene			X		
Acenaphthylene		X			
Acetophenone			X		
Anthracene			X		

RAMBOLL

TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
BENZENEACETIC ACID, 4-CHLORO-alpha-(4-CHLOROPHENYL	X				
Benzo(a)anthracene			X	X	
Benzo(a)pyrene			X	X	
Benzo(b)fluoranthene			X	X	
Benzo(g,h,i)perylene			X		
Benzo(k)fluoranthene			X	X	
Benzyl alcohol			X		
Bis (2-chloroethoxy) methane	X				
Bis (2-chloroethyl) ether		X		X	
Bis (2-ethylhexyl) phthalate			X	X	
Butyl benzyl phthalate			X		
CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-S-(2,3-DICH	X				
Chrysene			X	X	
Dibenz(a,h)anthracene			X		
Dibenzofuran			X		
Diethyl phthalate			X		
Dimethyl phthalate	X				
Di-n-butyl phthalate			X		
Di-n-octyl phthalate			X		
Ethyl methanesulfonate	X				
Fluoranthene			X		
Fluorene			X		
Hexachlorobutadiene		X		X	
Hexachlorocyclopentadiene	X				
Hexachloroethane	X				

RAMBOLL

TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
Hexachloropropene	X				
Indeno(1,2,3-c,d)pyrene			X	X	
Isodrin	X				
Isophorone			X		
Isosafrole	X				
Kepone	X				
Methapyrilene	X				
Methyl methanesulfonate		X			
Naphthalene			X	X	
Nitrobenzene		X		X	
N-Nitrosodiethylamine	X				
N-nitrosodimethylamine		X			
N-Nitrosodi-n-butylamine		X			
N-Nitrosodiphenylamine		X			
N-Nitrosomethylethylamine		X			
N-Nitrosopiperidine	X				
N-Nitrosopyrrolidine	X				
O,O,O-TRIETHYL PHOSPHOROTHIOATE	X				
O,O-DIETHYL-O-(2-PYRAZINYL)PHOSPHOROTHIOATE	X				
o-Toluidine		X			
Pentachlorobenzene	X				
Pentachloronitrobenzene	X				
Pentachlorophenol		X		X	
Phenacetin	X				
Phenanthrene			X		
Phenol			X	X	

TABLE 5 *Detected Parameter Evaluation Results*

Parameter Name	Never detected in GW, SW, or Leachate	Detected in between 0% and 5% of samples in GW, SW, or Leachate	Detected in greater than 5% of samples for at least one media	Detected above standards in GW, SW, or Leachate	Presence of significant trend at one or more sample locations
p-Phenylene diamine		X		X	
Pronamide		X			
Pyrene			X		
Safrole	X				

LEGEND
- Decreasing significant trends
+ Increasing significant trends

Table 6
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Solvay Waste/Shallow Fill Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	77	67	73	0.22	137	570	SB915-PZ-07I
ACETONE	50(G)	µg/L	77	59	75	8.4	146	530	SB915-MW-92S
CHLOROBENZENE	5(S)	µg/L	77	55	63	0.17	107	376	SB915-MW-92S
1,2-DICHLOROBENZENE	3(S)	µg/L	77	45	50	0.21	60.4	183	SB915-MW-92S
1,4-DICHLOROBENZENE	3(S)	µg/L	77	45	45	3.7	47.4	120	SB915-MW-91S
TOLUENE	5(S)	µg/L	77	44	61	0.33	22.1	49.0	SB915-MW-91S
XYLENES, TOTAL	5(S)	µg/L	77	30	39	0.50	9.7	21.2	SB915-MW-92S
XYLENES, M & P	5(S)	µg/L	14	8	10	0.47	7.1	13.0	SB915-MW-92S
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	71	1	15	0.32	1.08	5.20	SB915-MW-36I
METHYLENE CHLORIDE	5(S)	µg/L	77	1	10	0.23	2.64	11.0	SB915-PZ-07I
O-XYLENE	5(S)	µg/L	14	1	9	1.60	3.89	5.70	SB915-MW-92S
HEXACHLOROBUTADIENE	0.5(S)	µg/L	48	1	1	8.40	8.40	8.40	SB915-MW-53I
2-BUTANONE	50(G)	µg/L	77	0	52	1.20	13.0	38.0	SB915-MW-92S
ETHYLBENZENE	5(S)	µg/L	77	0	29	0.38	0.64	0.84	SB915-MW-91S
1,3-DICHLOROBENZENE	3(S)	µg/L	71	0	30	0.14	0.96	2.90	SB915-MW-36I
TETRACHLOROETHENE	5(S)	µg/L	77	0	12	0.15	0.25	0.37	SB915-MW-53I
2-HEXANONE	50(G)	µg/L	77	0	13	0.23	1.26	5.20	SB915-MW-53I
CARBON DISULFIDE	60(G)	µg/L	77	0	11	0.23	1.59	8.50	SB915-MW-53I
TRICHLOROETHENE	5(S)	µg/L	77	0	5	0.18	0.28	0.31	SB915-MW-53I
CHLOROMETHANE	5(S)	µg/L	77	0	3	0.32	0.39	0.54	SB915-MW-92S
1,2,3-TRICHLOROBENZENE	5(S)	µg/L	2	0	2	0.47	1.59	2.70	SB915-MW-36I
1,2,4-TRIMETHYLBENZENE	5(S)	µg/L	2	0	2	0.30	1.35	2.40	SB915-MW-92S
4-METHYL-2-PENTANONE	NC	µg/L	77	NA	31	0.61	1.51	3.10	SB915-MW-92S
METHYLCYCLOHEXANE	NC	µg/L	2	NA	2	0.62	1.66	2.70	SB915-MW-92S
ISOBUTANOL	NC	µg/L	21	NA	3	14.0	21.0	26.0	SB915-MW-92S
SVOCs									
PHENOL	1(S)	µg/L	47	36	42	0.35	44.8	610	SB915-WB-15B/15S
2-METHYLPHENOL	1(S)	µg/L	47	19	28	0.14	10.3	42.0	SB915-MW-53I
2,4-DICHLOROPHENOL	1(S)	µg/L	47	14	24	0.16	2.93	17.00	SB915-PZ-07S
BENZO(A)ANTHRACENE	0.002(G)	µg/L	47	2	2	0.10	1.40	2.70	SB915-MW-42S
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	47	2	2	0.07	2.48	4.90	SB915-MW-42S
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	47	2	2	0.06	2.73	5.40	SB915-MW-42S
BIS (2-ETHYLHEXYL) PHTHALATE	5(G)	µg/L	47	2	2	6.40	7.30	8.20	SB915-MW-40S
CHRYSENE	0.002(G)	µg/L	47	2	2	0.08	2.74	5.40	SB915-MW-42S
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	47	2	2	0.07	2.04	4.00	SB915-MW-42S
NAPHTHALENE	10(G)	µg/L	49	1	23	0.02	2.25	34.00	SB915-MW-53I
HEXACHLOROBUTADIENE	0.5	µg/L	48	1	1	8.40	8.40	8.40	SB915-MW-53I
2,4-DIMETHYLPHENOL	50(G)	µg/L	47	0	14	0.13	0.80	2.10	SB915-MW-53I

Table 6
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Solvay Waste/Shallow Fill Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
2-CHLOROPHENOL	1(S)	µg/L	47	0	12	0.07	0.19	0.31	SB915-PZ-07S
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	47	0	9	0.07	0.24	0.45	SB915-MW-36I
PHENANTHRENE	50(G)	µg/L	47	0	8	0.06	0.20	0.45	SB915-MW-36I
ISOPHORONE	50(G)	µg/L	47	0	6	0.07	0.14	0.24	SB915-MW-53I
ACENAPHTHENE	20(G)	µg/L	47	0	5	0.02	0.04	0.09	SB915-MW-42I
ANTHRACENE	50(G)	µg/L	47	0	4	0.02	0.12	0.36	SB915-MW-42S
FLUORANTHENE	50(G)	µg/L	47	0	4	0.02	0.14	0.39	SB915-MW-42S
BUTYLBENZYL PHTHALATE	50(G)	µg/L	47	0	3	0.17	0.34	0.44	SB915-PZ-07D
FLUORENE	50(G)	µg/L	47	0	3	0.05	0.78	1.40	SB915-PZ-07D
PYRENE	50(G)	µg/L	47	0	3	0.03	0.16	0.37	SB915-MW-42S
DI-N-OCTYL PHTHALATE	50(G)	µg/L	47	0	2	0.71	2.71	4.70	SB915-MW-42S
O-TOLUIDINE	5(S)	µg/L	47	0	2	0.15	0.19	0.23	SB915-PZ-07I
1,2,4,5-TETRACHLOROBENZENE	5(S)	µg/L	47	0	2	0.07	0.10	0.12	SB915-PZ-07S
DI-N-BUTYL PHTHALATE	50(S)	µg/L	47	0	1	0.14	0.14	0.14	SB915-MW-53I
ACETOPHENONE	NC	µg/L	47	NA	32	0.09	3.11	13.0	SB915-PZ-07I
3&4-METHYLPHENOL	NC	µg/L	47	NA	37	0.18	17.4	90.0	SB915-PZ-07D
BENZYL ALCOHOL	NC	µg/L	47	NA	7	0.30	0.6	1.9	SB915-WB-15B/15S
2-METHYLNAPHTHALENE	NC	µg/L	47	NA	7	0.02	0.16	0.31	SB915-MW-42I
PTE	NC	µg/L	39	NA	4	0.00	1.8	6.2	SB915-MW-91S
DIBENZO(A,H)ANTHRACENE	NC	µg/L	47	NA	2	0.06	2.83	5.60	SB915-MW-42S
BENZO(G,H,I)PERYLENE	NC	µg/L	47	NA	2	0.07	1.94	3.80	SB915-MW-42S
BENZO(A)PYRENE	NC	µg/L	47	NA	2	0.08	0.74	1.40	SB915-MW-42S
DIBENZOFURAN	NC	µg/L	47	NA	2	0.07	0.10	0.12	SB915-MW-42I
1-NAPHTHYLAMINE	NC	µg/L	47	NA	1	0.28	0.28	0.28	SB915-WB-15B/15S
ACENAPHTHYLENE	NC	µg/L	47	NA	1	0.09	0.09	0.09	SB915-MW-42I
N-NITROSODIMETHYLAMINE	NC	µg/L	47	NA	1	0.36	0.36	0.36	SB915-MW-92S
N-NITROSODI-N-PROPYLAMINE	NC	µg/L	47	NA	1	0.09	0.09	0.09	SB915-PZ-07D
Pesticides									
HEXACHLOROBENZENE	0.04(S)	µg/L	47	0	4	0.0003	0.0012	0.0026	SB915-PZ-07D
BETA-BHC	0.04(S)	µg/L	47	0	3	0.001	0.004	0.007	SB915-MW-53I
GAMMA-BHC (LINDANE)	0.05	µg/L	47	0	2	0.0012	0.0026	0.0039	SB915-MW-53I
HEPTACHLOR	0.04	µg/L	47	0	2	0.0014	0.0025	0.0036	SB915-MW-53I
4,4'-DDD	0.3	µg/L	47	0	1	0.0010	0.0010	0.0010	SB915-WB-15B/15S
4,4'-DDT	0.2	µg/L	47	0	1	0.0009	0.0009	0.0009	SB915-MW-42S
DELTA-BHC	0.04	µg/L	47	0	1	0.0006	0.0006	0.0006	SB915-MW-42I
ALDRIN	NC	µg/L	47	NA	2	0.0012	0.0015	0.0018	SB915-WB-15B/15S
ENDOSULFAN I	NC	µg/L	47	NA	1	0.0022	0.0022	0.0022	SB915-PZ-07I
Herbicides									
2,4-D	50(S)	µg/L	18	0	1	0.70	0.70	0.70	SB915-PZ-07D

Table 6
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Solvay Waste/Shallow Fill Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
High Resolution PCBs									
Total PCBs	90(S)	ng/L	18	0	18	0.35	4.38	26.5	SB915-MW-36I
Dioxins/Furans									
Total TEQ	0.7(S)	pg/L	18	0	10	0.0000	0.023	0.076	SB915-PZ-07S
Inorganic Parameters									
SODIUM	20(S)	mg/L	221	211	214	11.0	4,923	22,000	SB915-MW-92S
BARIUM	1(S)	mg/L	210	144	187	0.10	2.50	14.00	SB915-MW-92S
SELENIUM	0.01(S)	mg/L	210	67	69	0.004	0.09	0.25	SB915-MW-42I
ANTIMONY	0.003(G)	mg/L	210	30	30	0.01	0.05	0.12	SB915-MW-53I
COPPER	0.2(S)	mg/L	210	24	106	0.003	0.13	0.70	SB915-PZ-07I
NICKEL	0.1(S)	mg/L	210	23	111	0.003	0.08	0.29	SB915-MW-53I
ARSENIC	0.025(S)	mg/L	210	22	32	0.002	0.039	0.13	SB915-MW-53I
THALLIUM	0.0005(G)	mg/L	210	20	20	0.00	0.04	0.18	SB915-MW-53I
IRON	0.3(S)	mg/L	220	18	47	0.01	0.79	8.58	SB915-MW-91S
MERCURY	0.0007(S)	mg/L	77	9	76	0.0000003	0.0003	0.003	SB915-MW-91S
SILVER	0.05(S)	mg/L	210	8	14	0.01	0.07	0.19	SB915-MW-53I
LEAD	0.025(S)	mg/L	221	6	17	0.001	0.02	0.05	SB915-MW-91S
CHROMIUM	0.05(S)	mg/L	209	1	48	0.000	0.02	0.14	SB915-PZ-07I
MANGANESE	0.3(S)	mg/L	221	1	29	0.0008	0.04	0.41	SB915-MW-91S
MAGNESIUM	35(G)	mg/L	221	0	45	0.03	1.70	24.1	SB915-MW-91S
CYANIDE	0.2(S)	mg/L	77	0	44	0.002	0.03	0.13	SB915-MW-36I
ZINC	2(G)	mg/L	209	0	38	0.003	0.10	1.20	SB915-PZ-07D
CADMIUM	0.005(S)	mg/L	221	0	9	0.0001	0.0019	0.0038	SB915-MW-53I
BERYLLIUM	0.003(G)	mg/L	210	0	4	0.0008	0.001	0.002	SB915-MW-42I
HEXAVALENT CHROMIUM	0.05(S)	mg/L	37	0	4	0.003	0.005	0.009	SB915-MW-42I
BORON	1(S)	mg/L	210	0	4	0.01	0.06	0.20	SB915-MW-42S
CALCIUM	NC	mg/L	221	NA	221	510	8,020	40,000	SB915-MW-92S
POTASSIUM	NC	mg/L	221	NA	204	4.55	221	1100	SB915-MW-92S
COBALT	NC	mg/L	210	NA	72	0.0005	0.012	0.03	SB915-MW-53I
ALUMINUM	NC	mg/L	210	NA	45	0.12	1.62	10.9	SB915-MW-91S
VANADIUM	NC	mg/L	210	NA	10	0.000	0.009	0.02	SB915-MW-91S
TIN	NC	mg/L	201	NA	12	0.003	0.020	0.033	SB915-MW-42I
Other Parameters									
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	221	221	221	1300	42,092	164,000	SB915-MW-53I
CHLORIDE	250(S)	mg/L	221	213	221	52	21,551	110,000	SB915-MW-53I
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	221	193	221	0.32	8.55	18	SB915-MW-53I SB915-WB-15B/15S
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	220	182	182	0.0055	0.14	1.9	SB915-WB-15B/15S
BROMIDE	2(G)	mg/L	221	131	165	0.4	21.1	1300	SB915-MW-53I

Table 6
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Solvay Waste/Shallow Fill Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
SULFATE	250(S)	mg/L	220	2	182	2.9	46.3	1000	SB915-MW-53I
NITROGEN, NITRATE	10(S)	mg/L	218	1	48	0.06	10.1	430	SB915-MW-42I
NITROGEN, NITRITE	1(S)	mg/L	62	0	8	0.071	0.15	0.39	SB915-MW-36S
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	6	0	4	0.018	0.04	0.072	SB915-MW-92S
HARDNESS (AS CACO3)	NC	mg/L	221	NA	221	1300	20,320	56,000	SB915-MW-53I
ALKALINITY, TOTAL	NC	mg/L	221	NA	220	200	1,175	2,300	SB915-MW-42I SB915-MW-53I
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	219	NA	218	10	194	1,230	SB915-MW-91S
TOTAL ORGANIC CARBON	NC	mg/L	219	NA	212	0.7	5.43	49.0	SB915-WB-15B/15S
CHEMICAL OXYGEN DEMAND	NC	mg/L	221	NA	211	4	820	16,000	SB915-MW-53I
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	218	NA	200	0.71	10.5	42	SB915-MW-42I
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	119	NA	93	1.4	20.6	180	SB915-WB-15B/15S
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	219	NA	7	6.7	53.7	200	SB915-PZ-07I

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 7
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Shallow Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	244	48	93	0.13	5.86	44.0	SB915-MW-109S
1,4-DICHLOROBENZENE	3(S)	µg/L	244	23	50	0.24	12.5	32	SB915-MW-90S
CHLOROBENZENE	5(S)	µg/L	244	23	48	0.16	14.3	41	SB915-MW-90S
1,2-DICHLOROBENZENE	3(S)	µg/L	244	23	38	0.15	8.69	18	SB915-MW-90S
ACETONE	50(G)	µg/L	244	12	50	1.90	28.4	98.0	SB915-IMW-03S
1,2-DICHLOROETHANE	0.6(S)	µg/L	244	2	28	0.36	1.35	6.50	SB915-MW-59S
HEXACHLOROBUTADIENE	0.5(S)	µg/L	1	1	1	0.56	0.56	0.56	SB915-MW-112S
2-BUTANONE	50(G)	µg/L	244	0	29	0.85	5.89	31	SB915-IMW-03S
TOLUENE	5(S)	µg/L	244	0	26	0.17	0.39	1.00	SB915-IMW-03S
TRICHLOROETHENE	5(S)	µg/L	244	0	25	0.18	0.36	0.55	SB915-MW-59S
1,3-DICHLOROBENZENE	3(S)	µg/L	232	0	21	0.12	1.14	1.40	SB915-MW-90S
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	232	0	14	0.29	0.48	0.60	SB915-MW-90S
2-HEXANONE	50(G)	µg/L	244	0	14	0.19	0.51	1.20	SB915-WB-10U
DICHLORODIFLUOROMETHANE	5(S)	µg/L	232	0	13	0.27	0.69	1.30	SB915-IMW-05S
CHLOROFORM	7(S)	µg/L	244	0	12	0.12	1.75	5.00	SB915-MW-87S
BROMODICHLOROMETHANE	50(G)	µg/L	244	0	6	0.15	0.28	0.45	SB915-MW-87S
CARBON DISULFIDE	60(G)	µg/L	244	0	6	0.19	0.27	0.37	SB915-IMW-06S
1,1-DICHLOROETHANE	5(S)	µg/L	244	0	5	0.33	0.54	0.76	SB915-MW-59S
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	244	0	4	0.56	1.06	1.80	SB915-MW-59S
VINYL CHLORIDE	2(S)	µg/L	244	0	2	0.34	0.35	0.36	SB915-MW-03
1,1-DICHLOROETHENE	5(S)	µg/L	244	0	1	0.30	0.30	0.30	SB915-MW-59S
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	244	0	1	0.22	0.22	0.22	SB915-MW-59S
CHLOROMETHANE	5(S)	µg/L	244	0	1	0.26	0.26	0.26	SB915-WB-10U
METHYLENE CHLORIDE	5(S)	µg/L	243	0	1	1.00	1.00	1.00	SB915-MW-88S
XYLENES, TOTAL	5(S)	µg/L	244	0	1	0.72	0.72	0.72	SB915-IMW-06S
O-XYLENE	5(S)	µg/L	17	0	1	0.58	0.58	0.58	SB915-IMW-06S
XYLENES, M & P	5(S)	µg/L	17	0	1	1.10	1.10	1.10	SB915-IMW-06S
4-METHYL-2-PENTANONE	NC	µg/L	244	NA	9	0.64	1.69	3.70	SB915-IMW-03S
ACETONITRILE	NC	µg/L	232	NA	1	7.00	7.00	7.00	SB915-IMW-05S
1,2,4-TRIMETHYLBENZENE	NC	µg/L	1	NA	1	0.17	0.17	0.17	SB915-IMW-06S
TRIMETHYL SILANOL	NC	µg/L	1	NA	1	4.60	4.60	4.60	SB915-MW-104S
SVOCs									
PHENOL	1(S)	µg/L	172	42	52	0.06	42.4	380	SB915-WB-10U
2-METHYLPHENOL	1(S)	µg/L	172	30	44	0.10	6.17	54	SB915-IMW-03S
CHRYSENE	0.002(G)	µg/L	172	8	8	0.02	0.16	0.79	SB915-MW-112S
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	172	8	8	0.02	0.22	0.71	SB915-MW-112S
BENZO(A)ANTHRACENE	0.002(G)	µg/L	172	7	7	0.02	0.13	0.58	SB915-MW-112S
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	172	6	6	0.06	0.21	0.87	SB915-MW-112S

Table 7
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Shallow Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
INDENO(1,2,3-CD)PYRENE	0.002(G)	µg/L	172	6	6	0.06	0.24	0.67	SB915-MW-112S
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	172	2	20	1.20	2.52	6.40	SB915-MW-89S
2-NITROPHENOL	1(S)	µg/L	172	1	3	0.11	0.46	1.10	SB915-MW-113S
PENTACHLOROPHENOL	1(S)	µg/L	172	1	2	0.70	1.20	1.70	SB915-WB-09U
NITROBENZENE	0.4(S)	µg/L	172	1	1	1.60	1.60	1.60	SB915-MW-112S
BUTYLBENZYL PHTHALATE	50(G)	µg/L	172	0	29	0.13	1.50	36	SB915-MW-106S
NAPHTHALENE	10(G)	µg/L	173	0	27	0.03	0.50	3.00	SB915-WB-05U
PHENANTHRENE	50(G)	µg/L	172	0	26	0.04	0.14	0.47	SB915-MW-116S
DI-N-BUTYL PHTHALATE	50(S)	µg/L	172	0	21	0.12	0.19	0.33	SB915-WB-10U
FLUORANTHENE	50(G)	µg/L	172	0	14	0.02	0.04	0.095	SB915-MW-116S
2,4-DIMETHYLPHENOL	50(G)	µg/L	172	0	11	0.08	0.28	0.61	SB915-IMW-03S
ACENAPHTHENE	20(G)	µg/L	172	0	10	0.05	0.18	0.28	SB915-IMW-06S
PYRENE	50(G)	µg/L	172	0	7	0.02	0.03	0.078	SB915-MW-112S
FLUORENE	50(G)	µg/L	172	0	7	0.02	0.14	0.24	SB915-IMW-06S
ANTHRACENE	50(G)	µg/L	172	0	5	0.02	0.04	0.08	SB915-WB-10U
2-CHLOROPHENOL	1(S)	µg/L	172	0	2	0.16	0.18	0.20	SB915-IMW-03S
4-NITROPHENOL	1(S)	µg/L	172	0	2	0.32	0.66	1.00	SB915-MW-113S
DIETHYL PHTHALATE	50(G)	µg/L	172	0	2	0.78	1.34	1.90	SB915-MW-59S
DI-N-OCTYL PHTHALATE	50(G)	µg/L	172	0	2	0.62	0.86	1.10	SB915-MW-112S
ISOPHORONE	50(G)	µg/L	172	0	2	0.08	0.11	0.14	SB915-IMW-03S
PYRIDINE	50(G)	µg/L	2	0	2	4.60	5.45	6.30	SB915-WB-09U
4-AMINOBIPHENYL	5(S)	µg/L	171	0	1	0.08	0.08	0.08	SB915-MW-01
P-PHENYLENE DIAMINE	5(S)	µg/L	30	0	1	1.90	1.90	1.90	SB915-IMW-06S
2,3,6-TRICHLOROTOLUENE	5(S)	µg/L	1	0	1	0.36	0.36	0.36	SB915-MW-112S
3&4-METHYLPHENOL	NC	µg/L	172	NA	51	0.09	35.3	520	SB915-WB-10U
ACETOPHENONE	NC	µg/L	172	NA	43	0.08	0.36	1.60	SB915-IMW-03S
2-METHYLNAPHTHALENE	NC	µg/L	172	NA	18	0.02	0.09	0.23	SB915-WB-05U
BENZO(G,H,I)PERYLENE	NC	µg/L	172	NA	5	0.06	0.25	0.53	SB915-MW-112S
DIBENZOFURAN	NC	µg/L	172	NA	4	0.11	0.14	0.17	SB915-IMW-06S
DIBENZO(A,H)ANTHRACENE	NC	µg/L	172	NA	4	0.05	0.37	0.86	SB915-MW-112S
BENZYL ALCOHOL	NC	µg/L	172	NA	3	0.22	0.24	0.25	SB915-IMW-06S
BENZO(A)PYRENE	NC	µg/L	172	NA	3	0.05	0.23	0.38	SB915-MW-112S
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	µg/L	172	NA	1	0.11	0.11	0.11	SB915-MW-107S
4-BROMOPHENYL PHENYL ETHER	NC	µg/L	172	NA	1	0.46	0.46	0.46	SB915-MW-01
BENZALDEHYDE	NC	µg/L	1	NA	1	1.10	1.10	1.10	SB915-IMW-03S
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	171	NA	1	0.45	0.45	0.45	SB915-MW-01
BENZOIC ACID	NC	µg/L	1	NA	1	79.00	79.00	79.00	SB915-IMW-03S
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	172	NA	1	0.33	0.33	0.33	SB915-MW-112S
PRONAMIDE	NC	µg/L	172	NA	1	0.15	0.15	0.15	SB915-MW-01

Table 7
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Shallow Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
2-PICOLINE	NC	µg/L	1	NA	1	2.10	2.10	2.10	SB915-WB-09U
Pesticides									
HEXACHLOROBENZENE	0.04(S)	µg/L	172	0	8	0.0002	0.0005	0.0015	SB915-MW-04
DELTA-BHC	0.04(S)	µg/L	172	0	5	0.001	0.001	0.003	SB915-WB-09U
GAMMA-BHC (LINDANE)	0.05(S)	µg/L	172	0	4	0.001	0.001	0.002	SB915-MW-107S
4,4'-DDT	0.2(S)	µg/L	172	0	3	0.00052	0.0006	0.00064	SB915-IMW-06S
2,4-D	50(S)	µg/L	83	0	2	0.33	0.5450	0.76	SB915-IMW-02S
BETA-BHC	0.04(S)	µg/L	172	0	2	0.001	0.001	0.0013	SB915-MW-107S
DIELDRIN	0.004(S)	µg/L	172	0	2	0.001	0.001	0.0015	SB915-WB-05U
4,4'-DDD	0.3(S)	µg/L	172	0	1	0.00069	0.0007	0.00069	SB915-MW-118S
ALPHA-BHC	0.01(S)	µg/L	172	0	1	0.00093	0.0009	0.00093	SB915-MW-118S
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	172	0	1	0.001	0.001	0.0014	SB915-WB-05U
4,4'-DDE	0.2(S)	µg/L	172	0	1	0.004	0.004	0.0039	SB915-WB-05U
METHOXYCHLOR	35(S)	µg/L	172	0	1	0.007	0.007	0.0071	SB915-WB-05U
ALDRIN	NC	µg/L	172	NA	2	0.001	0.001	0.0014	SB915-MW-113S
ENDOSULFAN SULFATE	NC	µg/L	172	NA	2	0.0006	0.0007	0.00079	SB915-WB-05U
ENDRIN	NC	µg/L	172	NA	1	0.02	0.02	0.015	SB915-WB-05U
High Resolution PCBs									
TOTAL PCBs	90(S)	ng/L	83	1	82	0.03	6.4	437	SB915-MW-111S
Dioxins/ Furans									
Total TEQ	0.7(S)	pg/L	83	1	59	0.0000	0.047	0.96	SB915-MW-117S
Inorganic Parameters									
SODIUM	20(S)	mg/L	690	676	682	11	2,223	23,000	SB915-WB-07U
MANGANESE	0.3(S)	mg/L	690	489	575	0.001	4.69	33	SB915-MW-107S
IRON	0.3(S)	mg/L	690	482	525	0.03	26.2	290	SB915-IMW-03S
MAGNESIUM	35(G)	mg/L	690	395	564	0.08	125	1200	SB915-WB-07U
BARIUM	1(S)	mg/L	643	199	520	0.03	2.75	40	SB915-MW-104S
ANTIMONY	0.003(G)	mg/L	643	53	59	0.001	0.033	0.15	SB915-MW-108S
THALLIUM	0.0005(G)	mg/L	643	30	30	0.002	0.029	0.2	SB915-MW-107S
SELENIUM	0.01(S)	mg/L	643	90	100	0.004	0.047	0.31	SB915-MW-104S
COPPER	0.2(S)	mg/L	643	9	204	0.001	0.06	0.46	SB915-MW-104S
ARSENIC	0.025(S)	mg/L	643	52	104	0.001	0.027	0.075	SB915-MW-107S
CYANIDE	0.2(S)	mg/L	242	6	92	0.002	0.03	0.301	SB915-MW-104S
CADMIUM	0.005(S)	mg/L	690	4	21	0.0001	0.003	0.0091	SB915-MW-90S
MERCURY	0.0007(S)	mg/L	243	0	201	0.0000001	0.00001	0.00013	SB915-MW-01
NICKEL	0.1(S)	mg/L	643	9	258	0.001	0.03	0.22	SB915-MW-104S
CHROMIUM	0.05(S)	mg/L	642	5	86	0.000213	0.015	0.24	SB915-MW-112S
ZINC	2(G)	mg/L	639	0	75	0.002	0.06	0.54	SB915-MW-112S
BORON	1(S)	mg/L	643	1	165	0.01	0.09	2.1	SB915-WB-07U

Table 7
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Shallow Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
SILVER	0.05(S)	mg/L	642	3	28	0.0006	0.023	0.223	SB915-MW-104S
HEXAVALENT CHROMIUM	0.05(S)	mg/L	98	0	18	0.000	0.005	0.0099	SB915-MW-87S
BERYLLIUM	0.003(G)	mg/L	643	0	12	0.0003	0.0007	0.0026	SB915-MW-116S
LEAD	0.025(S)	mg/L	690	6	43	0.001	0.015	0.098	SB915-MW-107S
CALCIUM	NC	mg/L	690	NA	689	9.0	3,107	22,000	SB915-MW-104S SB915-WB-07U
POTASSIUM	NC	mg/L	690	NA	573	1.50	75.1	460	SB915-WB-07U
ALUMINUM	NC	mg/L	643	NA	203	0.04	1.38	18	SB915-MW-104S
VANADIUM	NC	mg/L	643	NA	43	0.0008	0.011	0.052	SB915-MW-88S
COBALT	NC	mg/L	643	NA	188	0.00064	0.014	0.50	SB915-MW-112S
TIN	NC	mg/L	618	NA	16	0.002	0.02	0.11	SB915-IMW-02S
Other Parameters									
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	690	669	690	250	17,604	130,000	SB915-MW-104S
CHLORIDE	250(S)	mg/L	690	605	690	20.0	9,173	63,000	SB915-MW-104S
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	688	405	640	0.01	4.86	36.0	SB915-IMW-03S
BROMIDE	2(G)	mg/L	690	319	396	0.13	7.86	170.0	SB915-MW-104S
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	674	246	246	0.002	0.17	13.0	SB915-IMW-03S
SULFATE	250(S)	mg/L	690	80	655	1.30	125	910	SB915-WB-07U
NITROGEN, NITRATE (AS N)	10(S)	mg/L	689	2	217	0.01	0.8	25	SB915-MW-104S
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	45	1	38	0.006	25.8	960	SB915-MW-96S
NITROGEN, NITRITE	1(S)	mg/L	216	0	6	0.001	0.046	0.22	SB915-MW-106S
HARDNESS (AS CACO3)	NC	mg/L	690	NA	690	220	8,461	52,000	SB915-MW-104S
ALKALINITY, TOTAL	NC	mg/L	687	NA	687	7.90	272	1900	SB915-WB-10U
TOTAL ORGANIC CARBON	NC	mg/L	685	NA	657	0.20	3.49	26.3	SB915-IMW-03S
CHEMICAL OXYGEN DEMAND	NC	mg/L	687	NA	617	2.90	429	23,000	SB915-MW-104S
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	685	NA	570	5.80	225	820	SB915-MW-04
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	687	NA	546	0.11	7.3	460	SB915-MW-107S
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	344	NA	206	1.10	11.36	110	SB915-MW-88S
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	685	NA	141	0.7	94.6	1000	SB915-MW-109S

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 8
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Intermediate Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	180	92	98	0.62	3.77	11.00	SB915-MW-92I
CHLOROBENZENE	5(S)	µg/L	180	74	92	1.1	89	329	SB915-MW-89I
1,4-DICHLOROBENZENE	3(S)	µg/L	180	70	92	0.31	36.6	110.0	SB915-MW-89I
1,2-DICHLOROBENZENE	3(S)	µg/L	180	50	92	0.47	24.0	100.0	SB915-MW-89I
1,3-DICHLOROBENZENE	3(S)	µg/L	162	18	44	0.25	2.10	5.40	SB915-MW-89I
1,2-DICHLOROETHANE	0.6(S)	µg/L	180	14	23	3.50	5.44	7.40	SB915-MW-90I
VINYL CHLORIDE	2(S)	µg/L	180	4	20	1.00	1.68	2.60	SB915-MW-90I
METHYLENE CHLORIDE	5(S)	µg/L	180	1	5	2.80	4.12	6.90	SB915-MW-90I
ACETONE	50(G)	µg/L	180	0	31	1.60	13.42	40.00	SB915-MW-92I
TOLUENE	5(S)	µg/L	180	0	29	0.19	0.78	2.40	SB915-MW-92I
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	180	0	28	0.24	0.89	1.90	SB915-MW-90I
XYLENES, TOTAL	5(S)	µg/L	180	0	20	0.22	0.73	1.68	SB915-MW-92I
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	180	0	19	0.29	1.06	1.60	SB915-MW-90I
TRICHLOROETHENE	5(S)	µg/L	180	0	13	0.14	0.59	1.10	SB915-MW-89I
ETHYLBENZENE	5(S)	µg/L	180	0	13	0.22	0.40	0.59	SB915-MW-88I
1,1-DICHLOROETHANE	5(S)	µg/L	180	0	10	0.30	0.40	0.51	SB915-MW-90I
2-BUTANONE	50(G)	µg/L	180	0	10	0.76	1.49	3.30	SB915-MW-92I
TETRACHLOROETHENE	5(S)	µg/L	180	0	9	0.60	0.87	1.10	SB915-MW-89I
O-XYLENE	5(S)	µg/L	31	0	6	0.22	0.39	0.68	SB915-MW-88I
XYLENES, M & P	5(S)	µg/L	31	0	4	0.36	0.64	1.10	SB915-MW-92I
2-HEXANONE	50(G)	µg/L	180	0	2	0.31	0.35	0.39	SB915-MW-88I
CARBON DISULFIDE	60(G)	µg/L	180	0	2	0.37	0.41	0.44	SB915-MW-92I
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	162	0	1	0.24	0.24	0.24	SB915-MW-92I
CHLOROFORM	7(S)	µg/L	180	0	1	0.37	0.37	0.37	SB915-MW-112I
TRANS-1,3-DICHLOROPROPENE	0.4(S)	µg/L	180	0	1	0.15	0.15	0.15	SB915-MW-112I
CHLOROMETHANE	5(S)	µg/L	180	0	1	0.30	0.30	0.30	SB915-MW-88I
HEXACHLOROBUTADIENE	0.5(S)	µg/L	73	0	1	0.48	0.48	0.48	SB915-MW-112I
SVOCs									
PHENOL	1(S)	µg/L	72	4	7	0.14	1.20	1.90	SB915-MW-109I
BIS (2-ETHYLHEXYL) PHTHALATE	5(S)	µg/L	72	2	6	2.00	6.95	20.00	SB915-MW-107I
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	72	2	2	0.03	0.08	0.13	SB915-MW-106I
2-METHYLPHENOL	1(S)	µg/L	72	1	7	0.11	0.69	2.50	SB915-MW-109I
BENZO(A)ANTHRACENE	0.002(G)	µg/L	72	1	1	0.07	0.07	0.07	SB915-MW-106I
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	72	1	1	0.11	0.11	0.11	SB915-MW-106I
CHRYSENE	0.002(G)	µg/L	72	1	1	0.12	0.12	0.12	SB915-MW-106I
INDENO(1,2,3-C,D)PYRENE	0.002(G)	µg/L	72	1	1	0.12	0.12	0.12	SB915-MW-106I
BUTYLBENZYL PHTHALATE	50(G)	µg/L	72	0	7	0.17	0.32	0.61	SB915-MW-104I
2,4-DIMETHYLPHENOL	50(G)	µg/L	72	0	4	0.08	0.12	0.16	SB915-MW-89I

Table 8
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Intermediate Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
NAPHTHALENE	10(G)	µg/L	72	0	4	0.04	0.04	0.05	SB915-MW-88I
4-CHLOROANILINE	5(S)	µg/L	72	0	3	0.17	0.21	0.24	SB915-MW-88I
DI-N-BUTYL PHTHALATE	50(S)	µg/L	72	0	3	0.14	0.15	0.16	SB915-MW-104I
O-TOLUIDINE	5(S)	µg/L	72	0	3	0.11	0.18	0.25	SB915-MW-88I
PHENANTHRENE	50(G)	µg/L	72	0	3	0.05	0.31	0.44	SB915-MW-106I
DIETHYL PHTHALATE	50(G)	µg/L	72	0	1	0.47	0.47	0.47	SB915-WB-05M
DI-N-OCTYL PHTHALATE	50(G)	µg/L	72	0	1	0.61	0.61	0.61	SB915-MW-106I
HEXACHLOROBUTADIENE	0.5(S)	µg/L	73	0	1	0.48	0.48	0.48	SB915-MW-112I
ACETOPHENONE	NC	µg/L	72	NA	14	0.08	0.26	0.56	SB915-MW-92I
3&4-METHYLPHENOL	NC	µg/L	72	NA	7	0.09	1.28	2.50	SB915-MW-92I
1-NAPHTHYLAMINE	NC	µg/L	69	NA	3	0.09	0.16	0.25	SB915-MW-88I
2-METHYLNAPHTHALENE	NC	µg/L	72	NA	2	0.02	0.02	0.03	SB915-MW-109I
BENZO(G,H,I)PERYLENE	NC	µg/L	72	NA	1	0.10	0.10	0.10	SB915-MW-106I
DIBENZ(A,H)ANTHRACENE	NC	µg/L	72	NA	1	0.12	0.12	0.12	SB915-MW-106I
Pesticides									
4,4'-DDD	0.3(S)	µg/L	72	0	1	0.0011	0.0011	0.0011	SB915-MW-88I
Hexachlorobenzene	0.04(S)	µg/L	72	0	2	0.000	0.000	0.00077	SB915-MW-88I
4,4'-DDT	0.2(S)	µg/L	72	0	2	0.0010	0.0012	0.0014	SB915-MW-90I
beta-BHC	0.04(S)	µg/L	72	0	1	0.0012	0.0012	0.0012	SB915-MW-88I
delta-BHC	0.04(S)	µg/L	72	0	3	0.0007	0.0019	0.0043	SB915-MW-111I
Endosulfan II	NC	µg/L	72	0	1	0.0018	0.0018	0.0018	SB915-MW-90I
High Resolution PCBs									
Total PCBs	90(S)	ng/L	35	0	35	0.04	2.79	82.82	SB915-MW-107I
Dioxins/Furans									
Total TEQ	0.7(S)	pg/L	35	0	24	0.0000	0.006	0.065	SB915-MW-106I
Inorganic Parameters									
SODIUM	20(S)	mg/L	299	298	298	32.0	2,495	11,000	SB915-MW-111I SB915-MW-112I
MAGNESIUM	35(G)	mg/L	299	256	286	2.0	112.8	370	SB915-MW-106I
IRON	0.3(S)	mg/L	297	213	230	0.06	20.4	100.0	SB915-MW-111I
MANGANESE	0.3(S)	mg/l	299	200	276	0.04	2.72	17.0	SB915-MW-112I
BARIUM	1(S)	mg/L	287	78	227	0.02	1.91	15.0	SB915-MW-106I
SELENIUM	0.01(S)	mg/L	287	34	46	0.002	0.050	0.18	SB915-WB-05M
THALLIUM	0.0005(G)	mg/L	287	24	24	0.002	0.031	0.17	SB915-WB-05M
ANTIMONY	0.003(G)	mg/L	287	23	25	0.002	0.041568	0.12	SB915-MW-111I
CHROMIUM	0.05(S)	mg/L	286	1	36	0.00019	0.01	0.08	SB915-MW-88I
MERCURY	0.0007(S)	mg/L	179	0	141	0.0000002	0.000004	0.00011	SB915-MW-92D
NICKEL	0.1(S)	mg/L	287	4	84	0.001	0.03	0.33	SB915-MW-112I
BORON	1(S)	mg/l	287	1	112	0.013	0.142	2.00	SB915-MW-87I

Table 8
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Intermediate Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
COPPER	0.2(S)	mg/L	287	8	85	0.00	0.07	0.29	SB915-MW-111I
ZINC	2(G)	mg/L	282	0	48	0.003	0.09	0.69	SB915-MW-88I
ARSENIC	0.025(S)	mg/L	287	23	37	0.001	0.032	0.088	SB915-MW-106I
SILVER	0.05(S)	mg/L	286	0	17	0.001	0.012	0.0412	SB915-MW-109I
CYANIDE	0.2(S)	mg/L	179	5	47	0.0010	0.065	0.66	SB915-MW-112I
LEAD	0.025(S)	mg/L	299	0	16	0.0008	0.0106	0.0243	SB915-MW-111I
BERYLLIUM	0.003(G)	mg/L	287	0	4	0.0004	0.001	0.0014	SB915-MW-111I
CADMIUM	0.005(S)	mg/L	299	0	11	0.000	0.00	0.0026	SB915-MW-111I
HEXAVALENT CHROMIUM	0.05(S)	mg/L	70	0	6	0.000	0.003	0.011	SB915-MW-111I
CALCIUM	NC	mg/L	299	NA	299	31	3,456	16,000	SB915-MW-111I
POTASSIUM	NC	mg/L	299	NA	247	3.40	78.0	250	SB915-MW-111I
ALUMINUM	NC	mg/L	287	NA	76	0.02	0.64	2.10	SB915-MW-111I SB915-MW-112I
COBALT	NC	mg/L	287	NA	66	0.0005	0.007	0.030	SB915-MW-112I
VANADIUM	NC	mg/L	287	NA	27	0.0008	0.009	0.027	SB915-MW-111I
TIN	NC	mg/L	265	NA	9	0.0074	0.014	0.021	SB915-MW-111I
Other Parameters									
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	299	299	299	710	19,656	81,200	SB915-MW-111I
CHLORIDE	250(S)	mg/L	299	276	299	84	10,683	69,000	SB915-MW-112I
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	299	177	276	0.01	7.20	36.2	SB915-MW-88I
BROMIDE	2(G)	mg/L	299	118	166	0.28	7.44	61.0	SB915-MW-112I
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	293	67	67	0.005	0.03	0.39	SB915-MW-104I
SULFATE	250(S)	mg/L	299	48	284	2.50	205	1,200	SB915-MW-109I
NITROGEN, NITRATE (AS N)	10(S)	mg/L	296	0	113	0.007	0.71	3.80	SB915-MW-112I
NITROGEN, NITRITE	1(S)	mg/L	99	0	10	0.001	0.02	0.029	SB915-MW-92D
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	13	0	9	0.0067	0.64	1.20	SB915-MW-92D
HARDNESS (AS CACO3)	NC	mg/L	299	NA	299	510	9,123	37,000	SB915-MW-111I
ALKALINITY, TOTAL	NC	mg/L	298	NA	298	22.0	140	400	SB915-MW-104I
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	292	NA	292	22.0	140	400	SB915-MW-104I
TOTAL ORGANIC CARBON	NC	mg/L	293	NA	257	0.19	1.21	12.00	SB915-MW-90I
CHEMICAL OXYGEN DEMAND	NC	mg/L	296	NA	254	3.40	564	16,000	SB915-MW-111I
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	298	NA	253	0.15	9.2	232	SB915-MW-88I
DISSOLVED OXYGEN	NC	mg/L	91	NA	91	0.00	0.11	1.5	SB915-MW-112I
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	155	NA	81	1.10	6.08	69	SB915-MW-88I
ALKALINITY, CARBONATE	NC	mg/L	293	NA	3	3.50	16.83	31	SB915-MW-104I

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 9
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Deep Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
CHLOROBENZENE	5(S)	µg/L	231	97	118	1.00	95.1	402	SB915-MW-89D
BENZENE	1(S)	µg/L	231	71	110	0.18	5.5	15.0	SB915-WB-04L
1,2-DICHLOROBENZENE	3(S)	µg/L	231	64	107	0.17	16.89	72.0	SB915-MW-88D
1,4-DICHLOROBENZENE	3(S)	µg/L	231	49	105	0.21	12.9	59.0	SB915-MW-88D
1,2-DICHLOROETHANE	0.6(S)	µg/L	231	27	78	0.25	3.73	10.2	SB915-WB-04L
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	231	23	35	0.61	12.18	23.0	SB915-WB-04L
1,1-DICHLOROETHANE	5(S)	µg/L	231	20	23	4.70	6.16	7.60	SB915-WB-04L
ACETONE	50(G)	µg/L	231	2	16	1.70	26.50625	250	SB915-MW-88D
METHYLENE CHLORIDE	5(S)	µg/L	231	1	3	0.16	5.55	15.00	SB915-WB-07L
TRICHLOROETHENE	5(S)	µg/L	231	0	40	0.14	0.49	1.30	SB915-MW-91D
TRANS-1,2-DICHLOROETHENE	5(G)	µg/L	231	0	33	0.41	0.97	1.70	SB915-MW-42D
1,1-DICHLOROETHENE	5(S)	µg/L	231	0	23	1.20	1.73	2.40	SB915-MW-108D
1,3-DICHLOROBENZENE	3(S)	µg/L	213	0	16	0.38	0.73	0.98	SB915-WB-05L
TOLUENE	5(S)	µg/L	231	0	13	0.16	0.52	3.90	SB915-MW-89D
1,1,2-TRICHLOROETHANE	1(S)	µg/L	231	0	8	0.22	0.28	0.40	SB915-WB-04L
2-BUTANONE	50(G)	µg/L	231	0	7	0.92	14.47	35.00	SB915-WB-07L
CHLOROFORM	7(S)	µg/L	231	0	3	0.21	0.4	0.8	SB915-WB-03L
CARBON DISULFIDE	60(G)	µg/L	231	0	3	0.23	0.23	0.24	SB915-MW-88D
TETRACHLOROETHENE	5(S)	µg/L	231	0	3	0.16	0.20	0.24	SB915-MW-88D
CHLOROETHANE	5(S)	µg/L	231	0	2	0.24	0.24	0.24	SB915-WB-07L
2-HEXANONE	50(G)	µg/L	231	0	1	2.00	2.00	2.00	SB915-WB-07L
IODOMETHANE	5(S)	µg/L	213	0	1	1.10	1.10	1.10	SB915-WB-03L
O-XYLENE	5(S)	µg/L	39	0	1	0.21	0.21	0.21	SB915-MW-88D
XYLENE (TOTAL)	5(S)	µg/L	231	0	1	0.21	0.21	0.21	SB915-MW-88D
METHYL TERT-BUTYL ETHER	10(G)	µg/L	1	0	1	1.50	1.50	1.50	SB915-WB-07L
4-METHYL-2-PENTANONE	NC	µg/L	231	NA	10	1.10	2.15	6.60	SB915-WB-07L
SVOCs									
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	120	5	5	0.0	0.1	0.4	SB915-WB-09L
PHENOL	1(S)	µg/L	120	4	13	0.2	8.4	57.0	SB915-MW-42D
CHRYSENE	0.002(G)	µg/L	120	4	4	0.1	0.2	0.4	SB915-WB-09L
BENZO(A)ANTHRACENE	0.002(G)	µg/L	120	3	3	0.1	0.1	0.2	SB915-WB-03L
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	120	3	3	0.1	0.2	0.5	SB915-WB-09L
INDENO(1,2,3-C,D)PYRENE	0.002(G)	µg/L	120	3	3	0.1	0.1	0.2	SB915-WB-09L
BUTYLBENZYL PHTHALATE	50(G)	µg/L	120	0	11	0.13	0.29	0.60	SB915-MW-70D
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	120	0	9	1.20	2.76	4.00	SB915-WB-05L
DIETHYL PHTHALATE	50(G)	µg/L	120	0	8	0.14	0.56	1.70	SB915-WB-03L
DI-N-BUTYL PHTHALATE	50(S)	µg/L	120	0	8	0.12	0.17	0.32	SB915-WB-10L

Table 9
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Deep Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
PHENANTHRENE	50(G)	µg/L	120	0	8	0.04	0.17	0.44	SB915-MW-85D SB915-WB-06
2-METHYLPHENOL	1(S)	µg/L	120	0	5	0.10	0.13	0.15	SB915-MW-88D
NAPHTHALENE	10(G)	µg/L	120	0	5	0.11	0.18	0.21	SB915-MW-88D SB915-MW-91D SB915-WB-03L
2,4-DIMETHYLPHENOL	50(G)	µg/L	120	0	4	0.13	0.15	0.16	SB915-MW-88D
2-CHLOROPHENOL	1(S)	µg/L	120	0	4	0.20	0.25	0.30	SB915-MW-88D
ANTHRACENE	50(G)	µg/L	120	0	4	0.02	0.49	0.98	SB915-WB-01L
FLUORANTHENE	50(G)	µg/L	120	0	4	0.03	0.18	0.34	SB915-WB-01L
PYRENE	50(G)	µg/L	120	0	4	0.02	0.27	0.56	SB915-WB-03L
2,4-DICHLOROPHENOL	1(S)	µg/L	120	0	3	0.11	0.12	0.13	SB915-MW-88D
ACENAPHTHENE	20(G)	µg/L	120	0	3	0.03	0.04	0.07	SB915-WB-01L
FLUORENE	50(G)	µg/L	120	0	3	0.03	0.04	0.05	SB915-WB-01L
DI-N-OCTYL PHTHALATE	50(G)	µg/L	120	0	2	0.61	0.72	0.82	SB915-WB-09L
O-TOLUIDINE	5(S)	µg/L	120	0	2	0.13	0.16	0.19	SB915-MW-88D
2-CHLORONAPHTHALENE	10(G)	µg/L	120	0	1	0.02	0.02	0.02	SB915-WB-01L
4-CHLOROANILINE	5(S)	µg/L	120	0	1	0.21	0.21	0.21	SB915-MW-108D
3&4-METHYLPHENOL	NC	µg/L	120	NA	11	0.10	0.51	3.30	SB915-WB-05L
ACETOPHENONE	NC	µg/L	120	NA	8	0.08	0.27	1.40	SB915-WB-07L
BENZO(G,H,I)PERYLENE	NC	µg/L	120	NA	4	0.04	0.11	0.24	SB915-WB-09L
DIBENZ(A,H)ANTHRACENE	NC	µg/L	120	NA	3	0.05	0.18	0.42	SB915-WB-09L
2-METHYLNAPHTHALENE	NC	µg/L	120	NA	2	0.02	0.03	0.03	SB915-WB-04L
ACENAPHTHYLENE	NC	µg/L	120	NA	2	0.03	0.03	0.03	SB915-WB-01L
BENZO(A)PYRENE	NC	µg/L	120	NA	2	0.02	0.03	0.03	SB915-MW-108D
BENZOIC ACID	NC	µg/L	1	NA	1	3.80	3.80	3.80	SB915-WB-05L
Pesticides									
4,4'-DDT	0.2(S)	µg/L	120	0	5	0.0008	0.0013	0.0023	SB915-WB-07L
HEXACHLOROBENZENE	0.04(S)	µg/L	120	0	4	0.0002	0.0002	0.00031	SB915-WB-04L
DELTA-BHC	0.04(S)	µg/L	120	0	2	0.0007	0.0008	0.00094	SB915-WB-07L
4,4'-DDD	0.3(S)	µg/L	120	0	1	0.0008	0.0008	0.00082	SB915-MW-111D
BETA-BHC	0.04(S)	µg/L	120	0	1	0.0012	0.0012	0.0012	SB915-WB-04L
CHLORDANE (TECHNICAL)	0.05(S)	µg/L	99	0	1	0.0370	0.0370	0.037	SB915-MW-108D
High Resolution PCBs									
Total PCBs	90(S)	ng/L	60	0	60	0.02	0.67	5.47	SB915-MW-42D
Dioxins/Furans									
Total TEQ	0.7(S)	pg/L	60	0	36	0.0000	0.03	0.38	SB915-MW-36D
Inoganic Parameters									
IRON	0.3(S)	mg/L	481	470	474	0.09	37.1	390	SB915-WB-07L

Table 9
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Deep Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
SODIUM	20(S)	mg/L	481	469	471	4.4	7,899	97,000	SB915-WB-07L
MAGNESIUM	35(G)	mg/L	481	431	464	0.99	222	3300	SB915-WB-07L
MANGANESE	0.3(S)	mg/l	481	377	450	0.009	3.26	23.0	SB915-WB-07L
BARIUM	1(S)	mg/L	452	144	358	0.01	5.34	40.0	SB915-WB-06
SELENIUM	0.01(S)	mg/L	452	141	153	0.002	0.09	0.75	SB915-WB-07L
ARSENIC	0.025(S)	mg/L	452	66	99	0.001	0.034	0.10	SB915-MW-85D
COPPER	0.2(S)	mg/L	452	65	197	0.002	0.16	1.40	SB915-WB-07L
ANTIMONY	0.003(G)	mg/L	452	63	67	0.001	0.057	0.18	SB915-MW-42D
NICKEL	0.1(S)	mg/L	452	35	150	0.0031	0.09	2.80	SB915-WB-07L
BORON	1(S)	mg/l	452	24	219	0.02	0.46	3.80	SB915-WB-05L
THALLIUM	0.0005(G)	mg/L	452	21	21	0.009	0.06	0.27	SB915-WB-07L
CYANIDE	0.2(S)	mg/L	227	17	114	0.002	0.09	0.83	SB915-WB-06
SILVER	0.05(S)	mg/L	451	13	38	0.002	0.050	0.234	SB915-WB-06
LEAD	0.025(S)	mg/L	481	7	16	0.0008	0.025	0.095	SB915-MW-36D
CHROMIUM	0.05(S)	mg/L	452	2	59	0.001	0.07	3.70	SB915-WB-07L
MERCURY	0.0007(S)	mg/L	228	1	151	0.0000002	0.000008	0.00099	SB915-WB-01L
ZINC	2(G)	mg/L	450	0	87	0.002	0.09	1.60	SB915-MW-91I
CADMIUM	0.005(S)	mg/L	481	0	37	0.001	0.002	0.0049	SB915-MW-70D
HEXAVALENT CHROMIUM	0.05(S)	mg/l	84	0	9	0.002	0.009	0.017	SB915-WB-10L
BERYLLIUM	0.003(G)	mg/L	452	0	8	0.0008	0.001	0.0016	SB915-MW-42D
CALCIUM	NC	mg/L	481	NA	480	15	8,953	110,000	SB915-WB-07L
POTASSIUM	NC	mg/L	481	NA	425	2.68	155	3,800	SB915-WB-07L
COBALT	NC	mg/L	452	NA	165	0.00063	0.023	0.26	SB915-WB-07L
ALUMINUM	NC	mg/L	452	NA	118	0.07	1.39	12.0	SB915-MW-111D
VANADIUM	NC	mg/L	452	NA	41	0.0008	0.01	0.05	SB915-MW-88D
TIN	NC	mg/L	431	NA	21	0.002	0.016	0.038	SB915-MW-70D
Other Parameters									
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	481	481	481	630	54,414	245,000	SB915-MW-107D
CHLORIDE	250	mg/L	481	434	481	1.0	28,920	90,000	SB915-WB-02L
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	481	340	473	0.05	11.6	68	SB915-MW-111D
BROMIDE	2(G)	mg/L	481	261	292	0.15	34.0	3500.0	SB915-WB-06
SULFATE	250	mg/L	480	214	453	3.2	392	2,000	SB915-MW-42D
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	471	117	117	0.005	0.08	0.49	SB915-MW-53D
NITROGEN, NITRATE (AS N)	10(S)	mg/L	474	2	78	0.01	4.13	200.00	SB915-WB-06
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	10	0	3	0.010	0.02	0.030	SB915-MW-93D
NITROGEN, NITRITE	1(S)	mg/L	155	0	3	0.00	0.02	0.053	SB915-MW-108D
HARDNESS (AS CACO3)	NC	mg/L	481	NA	481	480	23,168	58,600	SB915-WB-05L
ALKALINITY, TOTAL	NC	mg/L	476	NA	471	3.6	112	910	SB915-WB-07L
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	471	NA	465	3.60	110.1	380	SB915-WB-01L

Table 9
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Deep Native Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
CHEMICAL OXYGEN DEMAND	NC	mg/L	480	NA	429	2.6	1,118	69,000	SB915-WB-06
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	473	NA	419	0.06	132.2	50000	SB915-MW-70D
TOTAL ORGANIC CARBON	NC	mg/L	452	NA	356	0.19	3.19	800.0	SB915-WB-01L
DISSOLVED OXYGEN	NC	mg/L	147	NA	147	-0.05	0.05	0.39	SB915-MW-91D
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	228	NA	114	0.88	3.63	29.0	SB915-WB-07L
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	474	NA	11	2.0	21.3	84.0	SB915-WB-07L

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 10
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Bedrock Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	146	6	11	0.17	1.42	5.50	SB915-MW-91BR
CHLOROBENZENE	5(S)	µg/L	146	6	7	0.20	15.46	20.0	SB915-MW-118BR
1,4-DICHLOROBENZENE	3(S)	µg/L	146	1	9	0.20	1.91	3.20	SB915-MW-118BR
ACETONE	50(G)	µg/L	145	0	25	2.20	6.72	47.00	SB915-MW-111BR
CHLOROMETHANE	5(S)	µg/L	146	0	17	0.24	0.42	0.76	SB915-MW-91BR
CARBON DISULFIDE	60(G)	µg/L	146	0	14	0.22	0.34	0.81	SB915-MW-88BR
TRICHLOROETHENE	5(S)	µg/L	146	0	7	0.20	0.41	1.30	SB915-MW-89BR
1,2-DICHLOROBENZENE	3(S)	µg/L	146	0	6	2.10	2.38	2.70	SB915-MW-118BR
TOLUENE	5(S)	µg/L	146	0	5	0.16	0.27	0.40	SB915-MW-91BR
2-BUTANONE	50(G)	µg/L	146	0	5	0.91	1.22	2.00	SB915-MW-111BR
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	146	0	3	0.27	0.36	0.51	SB915-MW-89BR
1,3-DICHLOROBENZENE	3(S)	µg/L	125	0	3	0.11	0.14	0.21	SB915-MW-118BR
2-HEXANONE	50(G)	µg/L	146	0	2	0.31	0.34	0.37	SB915-MW-111BR
1,3-DINITROBENZENE	5(S)	µg/L	81	0	1	1	1	1	SB915-MW-111BR
SVOCs									
BENZO(A)ANTHRACENE	0.002(G)	µg/L	81	6	6	0.02	0.89	3.10	SB915-MW-92BR
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	81	6	6	0.06	1.38	4.80	SB915-MW-92BR
CHRYSENE	0.002(G)	µg/L	81	6	6	0.03	1.54	5.60	SB915-MW-92BR
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	81	5	5	0.08	1.96	6.00	SB915-MW-92BR
INDENO(1,2,3-C,D)PYRENE	0.002(G)	µg/L	81	5	5	0.08	1.48	4.40	SB915-MW-92BR
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	µg/L	81	2	7	1.30	13.19	66.00	SB915-MW-91BR
PHENOL	1(S)	µg/L	81	1	3	0.25	0.92	2.00	SB915-MW-91BR
BUTYLBENZYL PHTHALATE	50(G)	µg/L	81	0	11	0.13	0.36	0.94	SB915-WB-07R
PHENANTHRENE	50(G)	µg/L	81	0	10	0.05	0.22	0.45	SB915-MW-115BR SB915-MW-118BR
DI-N-OCTYL PHTHALATE	50(G)	µg/L	81	0	6	0.56	1.47	3.60	SB915-MW-92BR
FLUORANTHENE	50(G)	µg/L	81	0	6	0.03	0.14	0.41	SB915-MW-92BR
PYRENE	50(G)	µg/L	81	0	6	0.02	0.11	0.34	SB915-MW-92BR
ANTHRACENE	50(G)	µg/L	81	0	3	0.10	0.20	0.38	SB915-MW-92BR
2,4-DICHLOROPHENOL	1(S)	µg/L	81	0	2	0.08	0.08	0.08	SB915-MW-91BR
DI-N-BUTYL PHTHALATE	50(G)	µg/L	81	0	2	0.15	1.18	2.20	SB915-MW-111BR
4-AMINOBIPHENYL	5(S)	µg/L	81	0	1	0.07	0.07	0.066	SB915-MW-111BR
4-CHLORO-3-METHYLPHENOL	1(S)	µg/L	81	0	1	0.42	0.42	0.42	SB915-MW-111BR
5-NITRO-O-TOLUIDINE	5(S)	µg/L	81	0	1	0.10	0.10	0.096	SB915-MW-111BR
FLUORENE	50(G)	µg/L	81	0	1	0.08	0.08	0.082	SB915-MW-111BR
N-NITROSODIPHENYLAMINE	50(G)	µg/L	81	0	1	0.08	0.08	0.084	SB915-MW-111BR
BENZYL ALCOHOL	NC	µg/L	81	NA	12	0.20	7.85	25.00	SB915-MW-91BR
BENZO(G,H,I)PERYLENE	NC	µg/L	81	NA	5	0.09	1.41	4.10	SB915-MW-92BR

Table 10
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Bedrock Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
DIBENZ(A,H)ANTHRACENE	NC	µg/L	81	NA	5	0.10	1.83	5.50	SB915-MW-92BR
BENZO(A)PYRENE	NC	µg/L	81	NA	4	0.11	0.86	1.90	SB915-MW-92BR
1-NAPHTHYLAMINE	NC	µg/L	80	NA	2	0.05	0.46	0.86	SB915-MW-111BR
1,4-NAPHTHOQUINONE	NC	µg/L	81	NA	1	0.08	0.08	0.08	SB915-MW-111BR
2-METHYLNAPHTHALENE	NC	µg/L	81	NA	1	0.02	0.02	0.02	SB915-MW-108BR
2-NAPHTHYLAMINE	NC	µg/L	81	NA	1	0.82	0.82	0.82	SB915-MW-111BR
4-BROMOPHENYL PHENYL ETHER	NC	µg/L	81	NA	1	0.37	0.37	0.37	SB915-MW-111BR
ACENAPHTHYLENE	NC	µg/L	81	NA	1	0.48	0.48	0.48	SB915-MW-111BR
ACETOPHENONE	NC	µg/L	81	NA	1	0.09	0.09	0.09	SB915-MW-111BR
BENZENAMINE, N,N-DIMETHYL-4-(PEHNYLAZO)-	NC	µg/L	81	NA	1	0.19	0.19	0.19	SB915-MW-111BR
METHYL METHANESULFONATE	NC	µg/L	79	NA	1	0.18	0.18	0.18	SB915-MW-111BR
N-NITROSODI-N-PROPYLAMINE	NC	µg/L	81	NA	1	0.06	0.06	0.06	SB915-MW-111BR
PRONAMIDE	NC	µg/L	80	NA	1	0.09	0.09	0.09	SB915-MW-111BR
Pesticides									
DELTA-BHC	0.04(S)	µg/L	81	0	3	0.001	0.002	0.0031	SB915-MW-92BR
4,4'-DDE	0.2(S)	µg/L	81	0	2	0.001	0.001	0.0015	SB915-MW-92BR
HEXACHLOROBENZENE	0.04(S)	µg/L	81	0	2	0.000	0.001	0.0012	SB915-MW-105BR
GAMMA-BHC (LINDANE)	0.05(S)	µg/L	81	0	2	0.001	0.001	0.0014	SB915-MW-92BR
METHOXYCHLOR	35(S)	µg/L	81	0	2	0.001	0.002	0.0026	SB915-MW-92BR
4,4'-DDD	0.3(S)	µg/L	81	0	1	0.001	0.001	0.0012	SB915-MW-111BR
ALPHA-BHC	0.01(S)	µg/L	81	0	1	0.001	0.001	0.0008	SB915-MW-108BR
BETA-BHC	0.04(S)	µg/L	81	0	1	0.005	0.005	0.0047	SB915-MW-92BR
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	81	0	1	0.002	0.002	0.002	SB915-MW-91BR
ENDOSULFAN II	NC	µg/L	81	NA	2	0.001	0.002	0.0018	SB915-MW-92BR
ALDRIN	NC	µg/L	81	NA	1	0.000	0.000	0.00048	SB915-MW-115BR
ENDRIN	NC	µg/L	81	NA	1	0.001	0.001	0.0011	SB915-MW-111BR
High Resolution PCBs									
Total PCBs	90(S)	ng/L	39	1	39	0.02	5.91	186.20	SB915-MW-118BR
Dioxins/Furans									
Total TEQ	0.7(S)	pg/L	39	0	27	0.0000	0.009	0.089	SB915-WB-07R
Inorganic Parameters									
SODIUM	20(S)	mg/L	345	342	344	7.7	23,393	86,000	SB915-WB-05R
IRON	0.3(S)	mg/L	345	318	323	0.03	19	130	SB915-MW-111BR
MAGNESIUM	35(G)	mg/L	345	316	334	1.40	973	4,300	SB915-MW-111BR
MANGANESE	0.3(S)	mg/L	345	300	337	0.03	6.08	32.0	SB915-MW-111BR
BORON	1(S)	mg/L	331	223	259	0.10	4.62	50	SB915-MW-108BR
SELENIUM	0.01(S)	mg/L	331	94	100	0.003	0.07	0.26	SB915-MW-111BR
ANTIMONY	0.003(G)	mg/L	331	48	48	0.005	0.05	0.13	SB915-MW-111BR
ARSENIC	0.025(S)	mg/L	331	34	52	0.003	0.04	0.2	SB915-MW-108BR

Table 10
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Bedrock Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
COPPER	0.2(S)	mg/L	331	23	142	0.0011	0.12	0.59	SB915-MW-107BR
THALLIUM	0.0005(G)	mg/L	331	21	21	0.00	0.04	0.11	SB915-MW-89BR
CHROMIUM	0.05(S)	mg/L	330	9	62	0.0007	0.03	0.272	SB915-WB-07R
NICKEL	0.1(S)	mg/L	331	8	101	0.001	0.05	0.24	SB915-MW-107BR
LEAD	0.025(S)	mg/L	345	8	19	0.00	0.13	1.30	SB915-WB-07R
CADMIUM	0.005(S)	mg/L	344	4	11	0.0017	0.005	0.0118	SB915-MW-87BR
SILVER	0.05(S)	mg/L	329	3	29	0.0004	0.03	0.142	SB915-MW-93BR
BARIUM	1(S)	mg/L	331	1	214	0.0047	0.33	50	SB915-MW-108BR
BERYLLIUM	0.003(G)	mg/L	331	1	1	0.0033	0.0033	0.0033	SB915-MW-88BR
MERCURY	0.0007(S)	mg/L	144	0	86	0.0000002	0.000002	0.000039	SB915-MW-87BR
ZINC	2(G)	mg/L	331	0	44	0.004	0.08	0.302	SB915-MW-93BR
CYANIDE	0.2(S)	mg/L	141	0	32	0.001	0.03	0.17	SB915-MW-93BR
HEXAVALENT CHROMIUM	0.05(S)	mg/L	78	0	3	0.006	0.009	0.014	SB915-WB-05R
CALCIUM	NC	mg/L	345	NA	344	14.0	5,898	21,400	SB915-MW-111BR
POTASSIUM	NC	mg/L	345	NA	323	1.60	745	4,100	SB915-MW-111BR
VANADIUM	NC	mg/L	331	NA	33	0.0009	0.03	0.08	SB915-WB-07R
ALUMINUM	NC	mg/L	331	NA	84	0.02	1.08	6.60	SB915-MW-105BR
COBALT	NC	mg/L	331	NA	125	0.0005	0.04	0.16	SB915-MW-107BR
TIN	NC	mg/L	305	NA	13	0.00	0.02	0.06	SB915-MW-93BR
Other Parameters									
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	345	343	345	430	92,493	541,000	SB915-WB-05R
SULFATE	250(S)	mg/L	345	320	345	48.0	1,651	5,500	SB915-WB-07R
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	345	310	342	0.23	28.9	193	SB915-MW-111BR
CHLORIDE	250(S)	mg/L	345	299	345	29.0	50,761	130,000	SB915-MW-107BR SB915-WB-05R
BROMIDE	2(G)	mg/L	345	269	279	0.90	263	1,200	SB915-MW-111BR
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	339	106	106	0.005	0.13	1.40	SB915-WB-05R
NITROGEN, NITRITE	1(S)	mg/L	112	1	4	0.008	0.42	1.40	SB915-MW-108BR
NITROGEN, NITRATE (AS N)	10(S)	mg/L	341	2	50	0.007	2.48	14.00	SB915-MW-105BR
NITROGEN, NITRATE-NITRITE	10(S)	mg/L	15	0	11	0.007	0.05	0.25	SB915-MW-91BR
CHEMICAL OXYGEN DEMAND	NC	mg/L	345	NA	321	2.50	2,085	79,000	SB915-MW-107BR
HARDNESS (AS CACO3)	NC	mg/L	345	NA	344	210	19,319	73,000	SB915-MW-111BR
ALKALINITY, TOTAL	NC	mg/L	342	NA	333	0.41	97.2	520	SB915-MW-105BR
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	335	NA	324	0.41	98.3	520	SB915-MW-105BR
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	343	NA	319	0.28	24.8	229	SB915-MW-89BR
DISSOLVED OXYGEN	NC	mg/L	105	NA	105	-0.06	0.3	4.74	SB915-MW-92BR
TOTAL ORGANIC CARBON	NC	mg/L	256	NA	100	0.19	1.19	6.10	SB915-MW-91BR

Table 10
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Bedrock Groundwater
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	165	NA	63	0.84	4.41	20.0	SB915-MW-105BR
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	338	NA	3	11.0	22.7	37.0	SB915-MW-105BR

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 12-15 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	108	99	102	0.26	19.6	72.0	SB915-MH-03
ACETONE	50(S)	µg/L	108	74	107	8.60	71.7	190	SB915-MH-07 SB915-MH-08 SB915-MH-09
CHLOROBENZENE	5(S)	µg/L	108	50	105	0.43	7.4	44.0	SB915-MH-16
1,4-DICHLOROBENZENE	3(S)	µg/L	108	46	105	0.34	3.87	17.0	SB915-MH-16
1,2-DICHLOROBENZENE	3(S)	µg/L	110	41	107	0.35	3.25	11.0	SB915-MH-01 SB915-MH-02 SB915-MH-16
TOLUENE	5(S)	µg/L	108	6	97	0.26	2.31	9.30	SB915-MH-16
METHYLENE CHLORIDE	5(S)	µg/L	108	2	7	0.20	2.52	5.90	SB915-MH-09
1,2-DICHLOROETHANE	0.6(S)	µg/L	108	1	3	0.35	0.57	0.97	SB915-MH-08
2-BUTANONE	50(G)	µg/L	108	0	104	1.80	6.53	20.0	SB915-MH-18
1,3-DICHLOROBENZENE	3(S)	µg/L	108	0	47	0.11	0.28	0.55	SB915-MH-02
1,2,4-TRICHLOROBENZENE	5(S)	µg/L	108	0	33	0.27	0.60	1.20	SB915-MH-02
CARBON DISULFIDE	60(G)	µg/L	108	0	28	0.22	1.12	8.80	SB915-MH-02
XYLENES, TOTAL	5(S)	µg/L	108	0	23	0.28	0.88	2.20	SB915-MH-16
XYLENES, M&P	5 (S)	µg/L	108	0	23	0.28	0.9	2.2	SB915-MH-16
2-HEXANONE	50(G)	µg/L	108	0	12	0.20	0.59	1.40	SB915-MH-18
O-XYLENE	5 (S)	µg/L	17	0	12	0.20	0.33	0.56	SB915-MH-16
CHLOROMETHANE	5 (S)	µg/L	108	0	8	0.32	0.66	1.50	SB915-MH-02
1,2,4-TRIMETHYLBENZENE	5 (S)	µg/L	5	0	5	0.23	0.39	0.61	SB915-MH-02
VINYL CHLORIDE	2 (S)	µg/L	108	0	5	0.23	0.58	1.00	SB915-MH-17
1,2,3-TRICHLOROBENZENE	5 (S)	µg/L	4	0	4	0.46	0.53	0.64	SB915-MH-04
BROMOMETHANE	5 (S)	µg/L	108	0	3	0.36	0.38	0.40	SB915-MH-10
1,3,5-TRIMETHYLBENZENE	5 (S)	µg/L	2	0	2	0.47	0.49	0.51	SB915-MH-02
IODOMETHANE	5 (S)	µg/L	107	0	2	1.40	1.40	1.40	SB915-MH-04 SB915-MH-05
CHLOROFORM	7 (S)	µg/L	108	0	1	0.38	0.38	0.38	SB915-MH-18
4-ISOPROPYLTOLUENE	5 (S)	µg/L	1	0	1	0.27	0.27	0.27	SB915-MH-16
4-METHYL-2-PENTANONE	NC	µg/L	108	NA	29	0.53	0.86	1.80	SB915-MH-18
ISOBUTANOL	NC	µg/L	32	NA	15	5.10	16.6	43.0	SB915-MH-18
ACETONITRILE	NC	µg/L	108	NA	1	7.00	7.00	7.00	SB915-MH-06
ETHYL CYANIDE	NC	µg/L	108	NA	1	0.54	0.54	0.54	SB915-MH-18
SVOCs									
PHENOL	1(S)	µg/L	105	105	105	25.0	264	3500	SB915-MH-18
2-METHYLPHENOL	1(S)	µg/L	105	15	38	0.09	1.11	3.10	SB915-MH-12
BENZO(A)ANTHRACENE	0.002(G)	µg/L	105	6	6	0.04	0.27	0.63	SB915-MH-09

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 12-15 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
CHRYSENE	0.002(G)	µg/L	105	6	6	0.05	0.36	0.90	SB915-MH-13
BENZO(B)FLUORANTHENE	0.002(G)	µg/L	105	4	4	0.12	0.36	0.79	SB915-MH-13
BENZO(K)FLUORANTHENE	0.002(G)	µg/L	105	4	4	0.08	0.40	0.97	SB915-MH-13
2,4-DICHLOROPHENOL	1(S)	µg/L	105	3	42	0.24	0.69	1.10	SB915-MH-06 SB915-MH-11 SB915-MH-12
2-NITROPHENOL	1(S)	µg/L	105	3	15	0.27	0.65	1.40	SB915-MH-06 SB915-MH-14
INDENO(1,2,3-C,D)PYRENE	0.002	µg/L	105	3	3	0.10	0.49	1.00	SB915-MH-13
BIS (2-ETHYLHEXYL) PHTHALATE	5(S)	µg/L	105	2	12	1.20	5.16	32.00	SB915-MH-09
BIS (2-CHLOROETHYL) ETHER	1(S)	µg/L	105	1	1	2.20	2.20	2.20	SB915-MH-16
P-PHENYLENE DIAMINE	5(S)	µg/L	20	1	1	17.00	17.00	17.00	SB915-MH-09
NAPHTHALENE	10(G)	µg/L	106	0	67	0.14	1.30	8.60	SB915-MH-09
ACENAPHTHENE	20(G)	µg/L	105	0	58	0.06	0.36	1.50	SB915-MH-03
PHENANTHRENE	50(G)	µg/L	105	0	34	0.06	0.39	2.30	SB915-MH-09
FLUORANTHENE	50(G)	µg/L	105	0	28	0.02	0.18	2.60	SB915-MH-09
PYRENE	50(G)	µg/L	105	0	27	0.02	0.13	1.70	SB915-MH-09
FLUORENE	50(G)	µg/L	105	0	26	0.04	0.15	0.66	SB915-MH-09
2-CHLOROPHENOL	1(S)	µg/L	105	0	16	0.16	0.32	0.69	SB915-MH-01
ANTHRACENE	50(G)	µg/L	105	0	9	0.02	0.05	0.18	SB915-MH-09
BUTYL BENZYL PHTHALATE	50(G)	µg/L	105	0	9	0.13	0.54	2.10	SB915-MH-06
4-NITROPHENOL	1(S)	µg/L	105	0	8	0.64	0.82	1.00	SB915-MH-05 SB915-MH-09
2,4,5-TRICHLOROPHENOL	1(S)	µg/L	105	0	5	0.14	0.17	0.25	SB915-MH-05
2,4-DIMETHYLPHENOL	50(G)	µg/L	105	0	5	0.16	0.44	0.86	SB915-MH-18
DI-N-BUTYL PHTHALATE	50(G)	µg/L	105	0	5	0.12	0.17	0.25	SB915-MH-15
DIETHYL PHTHALATE	50(G)	µg/L	105	0	2	2.80	12.40	22.00	SB915-MH-17
2-CHLORONAPHTHALENE	10(G)	µg/L	105	0	1	0.11	0.11	0.11	SB915-MH-14
DI-N-OCTYL PHTHALATE	50(G)	µg/L	105	0	1	0.48	0.48	0.48	SB915-MH-13
PENTACHLOROPHENOL	1(S)	µg/L	105	0	1	0.37	0.37	0.37	SB915-MH-05
PYRIDINE	50(G)	µg/L	1	0	1	14.00	14.00	14.00	SB915-MH-15
3&4-METHYLPHENOL	NC	µg/L	105	NA	88	0.91	14.7	200	SB915-MH-18
2-METHYLNAPHTHALENE	NC	µg/L	105	NA	50	0.06	0.34	1.50	SB915-MH-11
ACETOPHENONE	NC	µg/L	105	NA	48	0.35	1.28	5.20	SB915-MH-11
DIBENZOFURAN	NC	µg/L	105	NA	20	0.06	0.20	0.59	SB915-MH-10
BENZYL ALCOHOL	NC	µg/L	105	NA	13	0.21	0.31	0.40	SB915-MH-10
1-NAPHTHYLAMINE	NC	µg/L	97	NA	9	0.21	0.99	4.60	SB915-MH-18
BENZO(A)PYRENE	NC	µg/L	105	NA	3	0.05	0.23	0.48	SB915-MH-13
BENZO(G,H,I)PERYLENE	NC	µg/L	105	NA	3	0.12	0.55	1.10	SB915-MH-13

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 12-15 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
DIBENZ(A,H)ANTHRACENE	NC	µg/L	105	NA	2	0.41	0.86	1.30	SB915-MH-13
N-NITROSODI-N-BUTYLAMINE	NC	µg/L	105	NA	1	1.00	1.00	1.00	SB915-MH-07
Pesticides									
DIELDRIN	0.004(S)	µg/L	105	2	3	0.0020	0.006	0.0097	SB915-MH-14
GAMMA-BHC (LINDANE)	0.05(S)	µg/L	105	0	17	0.0008	0.002	0.0028	SB915-MH-02
DELTA-BHC	0.04(S)	µg/L	105	0	13	0.0005	0.0018	0.0033	SB915-MH-14
HEXACHLOROBENZENE	0.04(S)	µg/L	105	0	11	0.0002	0.0007	0.0026	SB915-MH-09
BETA-BHC	0.04(S)	µg/L	105	0	6	0.001	0.002	0.0035	SB915-MH-18
4,4'-DDT	0.2(S)	µg/L	105	0	5	0.0008	0.002	0.003	SB915-MH-10
4,4'-DDD	0.3	µg/L	105	0	4	0.0011	0.004	0.011	SB915-MH-18
HEPTACHLOR	0.04(S)	µg/L	105	0	3	0.001	0.005	0.009	SB915-MH-17
HEPTACHLOR EPOXIDE	0.03(S)	µg/L	105	0	3	0.003	0.004	0.005	SB915-PCP-01
METHOXYCHLOR	35(S)	µg/L	105	0	3	0.003	0.012	0.028	SB915-MH-15
2,4-D	50(S)	µg/L	51	0	1	0.210	0.210	0.210	SB915-MH-02
4,4'-DDE	0.2(S)	µg/L	105	0	1	0.006	0.006	0.006	SB915-MH-06
ENDRIN ALDEHYDE	0.5(S)	µg/L	105	0	1	0.002	0.002	0.002	SB915-MH-12
ENDOSULFAN I	NC	µg/L	105	NA	9	0.001	0.002	0.0027	SB915-MH-15
ENDRIN	NC	µg/L	105	NA	7	0.0011	0.004	0.015	SB915-MH-18
ALDRIN	NC	µg/L	105	NA	4	0.0008	0.002	0.003	SB915-MH-18
ENDOSULFAN SULFATE	NC	µg/L	105	NA	4	0.0006	0.017	0.040	SB915-MH-14
ENDOSULFAN II	NC	µg/L	105	NA	2	0.006	0.007	0.009	SB915-MH-14
High Resolution PCBs									
TOTAL PCBS	90(S)	ng/L	51	0	51	0.20	1.02	4.20	SB915-MH-15
Dioxins/Furans									
TOTAL TEQ	0.7(S)	pg/L	51	3	29	0.0000004	0.5932	6.0032	SB915-MH-09
Inorganic Parameters									
SODIUM	20(S)	mg/L	405	404	405	1.16	1,845	5300	SB915-MH-14
BARIUM	1(S)	mg/L	370	185	323	0.19	1.29	3.60	SB915-MH-14
SELENIUM	0.01(S)	mg/L	370	74	82	0.00	0.03	0.08	SB915-MH-15
IRON	0.3(S)	mg/L	405	72	147	0.01	0.86	7.40	SB915-MH-16
MANGANESE	0.3(S)	mg/L	405	43	237	0.002	0.21	2.41	SB915-MH-17
ANTIMONY	0.003(G)	mg/L	370	26	27	0.002	0.022	0.049	SB915-MH-14
THALLIUM	0.0005(G)	mg/L	370	18	18	0.003	0.016	0.027	SB915-MH-14
NICKEL	0.1(S)	mg/L	370	14	260	0.01	0.04	0.14	SB915-MH-18
ARSENIC	0.025(S)	mg/L	370	13	47	0.003	0.017	0.056	SB915-MH-12
MERCURY	0.0007(S)	mg/L	108	11	108	0.00000	0.0002	0.0015	SB915-MH-18
LEAD	0.025(S)	mg/L	405	1	9	0.00310	0.0125	0.033	SB915-MH-15
MAGNESIUM	35(G)	mg/L	405	0	273	0.21	6.27	26	SB915-MH-18
COPPER	0.2(S)	mg/L	370	0	107	0.0027	0.06	0.20	SB915-MH-01

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 12-15 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
CYANIDE	0.2(S)	mg/L	108	0	88	0.002	0.023	0.063	SB915-MH-13
BORON	1(S)	mg/L	370	0	78	0.004	0.029	0.10	SB915-MH-18
SILVER	0.05(S)	mg/L	370	0	21	0.001	0.004	0.0064	SB915-MH-12
ZINC	2(G)	mg/L	370	0	20	0.002	0.102	0.320	SB915-MH-12
CHROMIUM	0.05(S)	mg/L	370	0	7	0.000	0.000	0.001	SB915-MH-09
CADMIUM	0.005(S)	mg/L	405	0	5	0.000	0.001	0.001	SB915-MH-12
CHROMIUM (HEXAVALENT)	0.05(S)	mg/L	37	0	3	0.000	0.000	0.000	SB915-MH-13
CALCIUM	NC	mg/L	405	NA	405	73.7	2,350	7900	SB915-MH-14
POTASSIUM	NC	mg/L	405	NA	359	21	84	230	SB915-MH-14
COBALT	NC	mg/L	370	NA	106	0.0004	0.0059	0.0140	SB915-MH-14
ALUMINUM	NC	mg/L	370	NA	79	0.04	0.59	5.30	SB915-MH-10
VANADIUM	NC	mg/L	370	NA	20	0.001	0.014	0.030	SB915-MH-06
TIN	NC	mg/L	370	NA	16	0.002	0.006	0.026	SB915-MH-12
Other Parameters									
CHLORIDE	250(S)	mg/L	405	405	405	290	7,112	26,000	SB915-MH-12
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	405	405	405	720	14,107	59,000	SB915-MH-15
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	405	404	404	0.02	0.72	63.00	SB915-MH-17
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	405	397	404	0.16	10.37	64.8	SB915-MH-18
BROMIDE	2(G)	mg/L	405	214	281	0.31	5.35	330.00	SB915-MH-14
SULFATE	250(S)	mg/L	405	1	391	3.1	50.6	370	SB915-MH-14
NITROGEN, NITRATE (AS N)	10(S)	mg/L	405	1	201	0.05	0.79	36.00	SB915-MH-14
ALKALINITY, TOTAL	NC	mg/L	405	NA	405	16.0	182	490	SB915-MH-17
HARDNESS (AS CACO3)	NC	mg/L	405	NA	405	450	6,173	19,600	SB915-MH-14
TOTAL ORGANIC CARBON	NC	mg/L	405	NA	405	1.40	10.1	59.0	SB915-MH-18
CHEMICAL OXYGEN DEMAND	NC	mg/L	405	NA	399	9.70	257	2,800	SB915-MH-06
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	405	NA	373	1.40	12.1	110	SB915-MH-12
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	405	NA	356	5.30	68.6	190.0	SB915-MH-10
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	212	NA	206	3.30	34.5	190	SB915-MH-18
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	405	NA	66	6.00	123	330	SB915-MH-16

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 9-11 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs									
BENZENE	1(S)	µg/L	12	12	12	3.30	10.32	22.00	SB915-PCP-01
ACETONE	50(S)	µg/L	12	6	12	7.90	44.1	100.0	SB915-PCP-02
2-BUTANONE	50(G)	µg/L	12	0	9	1.20	6.22	14.00	SB915-PCP-02
1,2-DICHLOROBENZENE	3(S)	µg/L	12	0	4	0.43	1.23	1.90	SB915-PCP-01
2-HEXANONE	50(G)	µg/L	12	0	4	0.49	0.77	1.10	SB915-PCP-01
TOLUENE	5(S)	µg/L	12	0	4	0.18	0.25	0.34	SB915-PCP-01
1,4-DICHLOROBENZENE	3(S)	µg/L	12	0	3	0.31	0.41	0.51	SB915-PCP-01
CHLOROBENZENE	5(S)	µg/L	12	0	3	0.48	0.55	0.63	SB915-PCP-01
CARBON DISULFIDE	60(G)	µg/L	12	0	1	0.50	0.50	0.50	SB915-PCP-02
CHLOROMETHANE	5(S)	µg/L	12	0	1	0.24	0.24	0.24	SB915-PCP-01
4-METHYL-2-PENTANONE (MIBK)	NC	µg/L	12	NA	1	0.60	0.60	0.60	SB915-PCP-02
SVOCs									
PHENOL	1(S)	µg/L	12	11	12	0.89	14.5	71.0	SB915-PCP-02
2-METHYLPHENOL	1(S)	µg/L	12	5	8	0.13	3.84	11.0	SB915-PCP-02
2-NITROPHENOL	1(S)	µg/L	12	1	2	0.17	1.69	3.2	SB915-PCP-01
4-NITROPHENOL	1(S)	µg/L	12	1	1	3.40	3.40	3.4	SB915-PCP-01
PHENANTHRENE	50(G)	µg/L	12	0	8	0.06	0.15	0.44	SB915-PCP-01
NAPHTHALENE	10(G)	µg/L	12	0	7	0.03	0.20	0.32	SB915-PCP-02
BUTYL BENZYL PHTHALATE	50(G)	µg/L	12	0	5	0.15	0.22	0.30	SB915-PCP-02
ACENAPHTHENE	20(G)	µg/L	12	0	4	0.03	0.04	0.05	SB915-PCP-02
PENTACHLOROPHENOL	1(S)	µg/L	12	0	3	0.11	0.19	0.27	SB915-PCP-02
BIS (2-ETHYLHEXYL) PHTHALATE	5(S)	µg/L	12	0	2	1.30	1.50	1.70	SB915-PCP-02
FLUORANTHENE	50(G)	µg/L	12	0	2	0.03	0.04	0.05	SB915-PCP-01
PYRENE	50(G)	µg/L	12	0	2	0.03	0.03	0.03	SB915-PCP-01 SB915-PCP-02
2,4-DIMETHYLPHENOL	50(G)	µg/L	12	0	1	0.25	0.25	0.25	SB915-PCP-02
ANTHRACENE	50(G)	µg/L	12	0	1	0.03	0.03	0.03	SB915-PCP-02
DI-N-BUTYL PHTHALATE	50(G)	µg/L	12	0	1	0.14	0.14	0.14	SB915-PCP-01
3&4-METHYLPHENOL	NC	µg/L	12	NA	11	0.25	22.2	100	SB915-PCP-02
ACETOPHENONE	NC	µg/L	12	NA	8	0.13	0.46	0.82	SB915-PCP-02
2-METHYLNAPHTHALENE	NC	µg/L	12	NA	7	0.02	0.05	0.10	SB915-PCP-01
DIBENZOFURAN	NC	µg/L	12	NA	2	0.10	0.14	0.19	SB915-PCP-02
BENZYL ALCOHOL	NC	µg/L	12	NA	1	0.28	0.28	0.28	SB915-PCP-02
High Resolution PCBs									
TOTAL PCBS	90(S)	ng/L	6	0	6	0.17	0.59	1.63	SB915-PCP-01
Dioxins/Furans									
TOTAL TEQ	0.7(S)	pg/L	6	0	5	0.00000048	0.032690	0.083183	SB915-PCP-02
Inorganic Parameters									

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 9-11 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
SODIUM	20(S)	mg/L	42	42	42	250	1782.214286	4,600	SB915-PCP-02
BARIUM	1(S)	mg/L	40	17	33	0.36	1.34	3.00	SB915-PCP-02
MANGANESE	0.3(S)	mg/L	42	16	32	0.01	0.58	4.90	SB915-PCP-01
IRON	0.3(S)	mg/L	42	12	21	0.04	0.91	6.00	SB915-PCP-02
SELENIUM	0.01	mg/L	40	10	10	0.02	0.04	0.06	SB915-PCP-02
ARSENIC	0.025	mg/L	40	3	6	0.01	0.03	0.06	SB915-PCP-02
ANTIMONY	0.003	mg/L	40	3	3	0.01	0.03	0.05	SB915-PCP-02
MAGNESIUM	35(G)	mg/L	42	2	25	0.5	12.4	70.0	SB915-PCP-02
SILVER	0.05	mg/L	40	1	4	0.0	0.0	0.1	SB915-PCP-02
THALLIUM	0.0005	mg/L	40	1	1	0.0	0.0	0.0	SB915-PCP-01
NICKEL	0.1(S)	mg/L	40	0	20	0.005	0.034	0.074	SB915-PCP-02
COPPER	0.2(S)	mg/L	40	0	16	0.003	0.061	0.170	SB915-PCP-02
MERCURY	0.0007(S)	mg/L	12	0	12	0.000001	0.000027	0.000190	SB915-PCP-02
CYANIDE	0.2(S)	mg/L	12	0	10	0.004	0.009	0.034	SB915-PCP-01
BORON	1(S)	mg/L	40	0	6	0.007	0.035	0.068	SB915-PCP-01
ZINC	2(G)	mg/L	40	0	4	0.004	0.199	0.610	SB915-PCP-01
CADMIUM	0.005(S)	mg/L	42	0	2	0.000	0.001	0.001	SB915-PCP-02
LEAD	0.025(S)	mg/L	42	0	2	0.003	0.005	0.007	SB915-PCP-02
CHROMIUM	0.05(S)	mg/L	40	0	1	0.001	0.001	0.001	SB915-PCP-01
CHROMIUM (HEXAVALENT)	0.05(S)	mg/L	5	0	1	0.000	0.000	0.000	SB915-PCP-01
CALCIUM	NC	mg/L	42	NA	42	540	3,336	7900	SB915-PCP-02
POTASSIUM	NC	mg/L	42	NA	39	50.0	129.7	250.0	SB915-PCP-02
COBALT	NC	mg/L	40	NA	15	0.0	0.0	0.0	SB915-PCP-02
ALUMINUM	NC	mg/L	40	NA	5	0.20	1.15	3.70	SB915-PCP-02
TIN	NC	mg/L	40	NA	2	0.00	0.01	0.01	SB915-PCP-01
Other Parameters									
CHLORIDE	250(S)	mg/L	42	42	42	1,200	8,376	21,000	SB915-PCP-02
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	42	42	42	2,200	17,077	43,000	SB915-PCP-02
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	42	27	27	0.008	0.05	0.16	SB915-PCP-02
BROMIDE	2(G)	mg/L	42	23	27	0.98	6.35	20.00	SB915-PCP-02
NITROGEN, AMMONIA (AS N)	2(S)	mg/L	42	22	42	0.28	3.22	21.00	SB915-PCP-01
SULFATE	250(S)	mg/L	42	1	42	26.3	73	310	SB915-PCP-02
NITROGEN, NITRATE (AS N)	10(S)	mg/L	42	0	22	0.31	1.14	9.20	SB915-PCP-02
ALKALINITY, TOTAL	NC	mg/L	42	NA	42	29.0	601.2	1400	SB915-PCP-01
HARDNESS (AS CACO3)	NC	mg/L	42	NA	42	64.0	8,535	19,000	SB915-PCP-02
TOTAL ORGANIC CARBON	NC	mg/L	42	NA	42	0.51	3.69	8.90	SB915-PCP-02
CHEMICAL OXYGEN DEMAND	NC	mg/L	42	NA	41	18.0	212.302439	1060	SB915-PCP-02
ALKALINITY, CARBONATE (AS CACO3)	NC	mg/L	42	NA	38	15.0	162.4	1100.0	SB915-PCP-01
NITROGEN, KJELDAHL, TOTAL	NC	mg/L	42	NA	37	0.73	3.36	9.80	SB915-PCP-02

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Wastebeds 9-11 Subsurface Leachate
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class GA Criteria	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	mg/L	18	NA	16	1.30	8.81	41.0	SB915-PCP-02
DISSOLVED OXYGEN	NC	mg/L	14	NA	14	6.74	8.64	10.7	SB915-PCP-01
ALKALINITY, BICARBONATE (AS CACO3)	NC	mg/L	42	NA	4	14	58.3	130.0	SB915-PCP-01

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 13
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Site Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class C Criteria	New York State Class C Criteria (hardness dependent)	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs										
BENZENE	10(S)	NC	µg/L	101	2	11	0.12	5.28	38.00	Ponded Area N of WB11
TOLUENE	100(G)	NC	µg/L	101	0	10	0.23	1.91	11.00	Ponded Area N of WB11
1,4-DICHLOROBENZENE	5(S)	NC	µg/L	101	0	6	0.20	0.39	0.91	RET Pond 1
1,2-DICHLOROBENZENE	5(S)	NC	µg/L	101	0	4	0.19	0.38	0.68	RET Pond 1
CHLOROBENZENE	5(S)	NC	µg/L	101	0	4	0.15	0.46	0.99	RET Pond 2
XYLENE (TOTAL)	65(G)	NC	µg/L	101	0	2	1.10	2.45	3.80	Ponded Area N of WB11
CHLOROMETHANE	NA	NC	µg/L	101	0	1	0.24	0.24	0.24	Gravel Pit
ACETONE	NC	NC	µg/L	101	NA	48	1.50	7.01	40.0	Ponded Area N of WB11
2-BUTANONE (MEK)	NC	NC	µg/L	101	NA	10	0.57	2.25	4.30	OUT-018
CHLOROFORM	NC	NC	µg/L	101	NA	7	0.26	0.81	2.40	Gravel Pit
CARBON DISULFIDE	NC	NC	µg/L	101	NA	5	0.19	0.38	0.63	Ponded Area N of WB11
BROMODICHLOROMETHANE	NC	NC	µg/L	101	NA	2	0.19	0.28	0.37	Iron Brook
METHYLENE CHLORIDE	NC	NC	µg/L	101	NA	1	0.23	0.23	0.23	OUT-017
SVOCs										
BIS (2-ETHYLHEXYL) PHTHALATE	0.6(G)	NC	µg/L	74	16	17	1.20	2.39	8.30	Iron Brook
BENZO(A)ANTHRACENE	0.03(G)	NC	µg/L	74	5	5	0.04	0.31	1.20	Ret Pond 2-2
PHENOL	5(S)	NC	µg/L	74	4	21	0.07	1.73	9.60	Ponded Area N of WB11
BENZO(A)PYRENE	0.0012(G)	NC	µg/L	74	4	4	0.04	0.30	1.00	Ret Pond 2-2
NAPHTHALENE	13(G)	NC	µg/L	74	0	15	0.02	0.15	0.90	Ponded Area N of WB11
PHENANTHRENE	5(G)	NC	µg/L	74	0	13	0.05	0.08	0.17	Ponded Area N of WB11
ACENAPHTHENE	5.3(G)	NC	µg/L	74	0	8	0.01	0.04	0.093	Ponded Area N of WB11
PYRENE	4.6(G)	NC	µg/L	74	0	8	0.02	0.06	0.27	Ret Pond 2-2
3&4-METHYLPHENOL	5(S)	NC	µg/L	73	0	5	0.10	1.50	4.00	Ponded Area N of WB11
2-METHYLNAPHTHALENE	4.7(G)	NC	µg/L	74	0	3	0.01	0.04	0.084	Ponded Area N of WB11
2-METHYLPHENOL	5(S)	NC	µg/L	73	0	3	0.11	1.40	2.30	Ponded Area N of WB11

Table 13
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Site Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

	New York State Class C	New York State Class C Criteria		Total	No. of	No. of	Minimum Detected	Average Detected	Maximum Detected	Maximum Detected
ANTHRACENE	3.8(G)	NC	µg/L	74	0	2	0.02	0.06	0.10	Ret Pond 2-2
FLUORENE	0.54(G)	NC	µg/L	74	0	2	0.03	0.08	0.13	Ponded Area N of WB11
2,4-DICHLOROPHENOL	1(S)	NC	µg/L	73	0	1	0.09	0.09	0.09	Ret Pond 1
2,4-DIMETHYLPHENOL	1000(S)	NC	µg/L	73	0	1	0.45	0.45	0.45	Ponded Area N of WB11
PENTACHLOROPHENOL	1(S)	NC	µg/L	73	0	1	0.11	0.11	0.11	Interbed 1
BUTYL BENZYL PHTHALATE	NC	NC	µg/L	74	NA	17	0.14	0.37	2.30	OUT-018
ACETOPHENONE	NC	NC	µg/L	74	NA	15	0.09	0.51	2.80	Ponded Area N of WB11
FLUORANTHENE	NC	NC	µg/L	74	NA	15	0.02	0.04	0.26	Ret Pond 2-2
BENZYL ALCOHOL	NC	NC	µg/L	74	NA	7	0.22	0.46	0.88	Ponded Area N of WB11
BENZO(B)FLUORANTHENE	NC	NC	µg/L	74	NA	6	0.02	0.27	1.20	Ret Pond 2-2
BENZO(G,H,I)PERYLENE	NC	NC	µg/L	74	NA	5	0.06	0.30	1.10	Ret Pond 2-2
CHRYSENE	NC	NC	µg/L	74	NA	5	0.04	0.32	1.20	Ret Pond 2-2
DIBENZ(A,H)ANTHRACENE	NC	NC	µg/L	74	NA	5	0.06	0.35	1.30	Ret Pond 2-2
INDENO(1,2,3-C,D)PYRENE	NC	NC	µg/L	74	NA	5	0.05	0.34	1.30	Ret Pond 2-2
BENZO(K)FLUORANTHENE	NC	NC	µg/L	74	NA	4	0.11	0.42	1.30	Ret Pond 2-2
DI-N-OCTYL PHTHALATE	NC	NC	µg/L	74	NA	4	0.54	0.89	1.80	Ret Pond 2-2
ISOPHORONE	NC	NC	µg/L	74	NA	4	0.09	0.10	0.14	OUT-018
DI-N-BUTYL PHTHALATE	NC	NC	µg/L	74	NA	3	0.13	0.17	0.25	Gravel Pit
N-NITROSOMETHYLETHYLAMINE	NC	NC	µg/L	74	NA	2	0.41	1.76	3.10	Iron Brook
Pesticides (Water Samples)										
Hexachlorobenzene	0.00003(S)	NC	µg/L	67	8	8	0.000	0.001	0.0022	Ponded Area N of WB11
4,4'-DDE	0.000007(S)	NC	µg/L	67	1	1	0.013	0.013	0.013	OUT-011
4,4'-DDT	0.00001(S)	NC	µg/L	67	1	1	0.000	0.000	0.00041	Out-018
Heptachlor	0.0002(S)	NC	µg/L	67	1	1	0.000	0.000	0.00042	Gravel Pit
alpha-BHC	0.002(S)	NC	µg/L	67	0	1	0.001	0.001	0.00073	Gravel Pit
beta-BHC	0.007(S)	NC	µg/L	67	0	1	0.001	0.001	0.0014	Gravel Pit
gamma-BHC (Lindane)	0.008(S)	NC	µg/L	67	0	1	0.002	0.002	0.0015	OUT-019
High Resolution PCBs (Water Samples)										
TOTAL PCBS	0.001(S)	NC	ng/L	45	45	45	0.05	41.7	622	Interbed 3
Dioxins/Furans										
TOTAL TEQ	0.0000006(S)	NC	ng/L	38	15	30	0.000000282	0.0000863	0.00090664	Out-019
Inorganic Compounds										
MERCURY	0.0000007(S)	NC	mg/L	101	88	100	0.0000002	0.000005	0.000053	Ponded Area N of WB11

Table 13
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Site Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

	New York State Class C	New York State Class C Criteria		Total	No. of	No. of	Minimum Detected	Average Detected	Maximum Detected	Maximum Detected
SELENIUM	0.0046(S)	NC	mg/L	260	83	93	0.0025000	0.014151	0.046	Ponded Area N of WB11
IRON	0.3(S)	NC	mg/L	281	79	172	0.03	0.68	11	OUT-018
ALUMINUM	0.1(S)	NC	mg/L	260	31	39	0.04	0.84	9.60	OUT-018
SILVER	0.0001	NC	mg/L	260	15	17	0.00	0.00	0.007	Ret Pond 2-2
COBALT	0.005(S)	NC	mg/L	260	13	86	0.0005	0.0028	0.01	Ponded Area N of WB11
CYANIDE	0.0052(S)	NC	mg/L	101	11	19	0.002	0.016	0.15	Interbed 2
THALLIUM	0.008(S)	NC	mg/L	260	10	12	0.0017	0.0145	0.025	Iron Brook
VANADIUM	0.014(S)	NC	mg/L	260	3	12	0.001	0.008	0.032	OUT-017
NICKEL	NC	0.7142(S)	mg/L	260	0	112	0.001	0.011	0.037	Ponded Area N of WB11
BORON	10(S)	NC	mg/L	260	0	110	0.007	0.081	2.0	OUT-018
COPPER	NC	0.1263(S)	mg/L	260	0	102	0.002	0.022	0.083	Ponded Area N of WB11
ARSENIC	0.15(S)	NC	mg/L	260	0	43	0.003	0.006	0.012	OUT-011
ZINC	NC	1.149(S)	mg/L	260	0	39	0.002	0.016	0.11	OUT-017
CHROMIUM	NC	0.9362(S)	mg/L	260	0	13	0.0008	0.0029	0.011	OUT-018
LEAD	NC	0.0838(S)	mg/L	281	0	11	0.0010	0.0081	0.05	OUT-017
HEXAVALENT CHROMIUM	0.011(S)	NC	mg/L	36	0	8	0.0001	0.0007	0.0013	OUT-017
CADMIUM	NC	0.0238(S)	mg/L	281	0	2	0.0002	0.0007	0.0012	OUT-011
SODIUM	NC	NC	mg/L	282	NA	277	1.1	733	2,800	Ponded Area N of WB11
MAGNESIUM	NC	NC	mg/L	282	NA	216	0.11	20.2	87	Iron Brook
CALCIUM	NC	NC	mg/L	282	NA	282	34	1,045	4,800	Ponded Area N of WB11
POTASSIUM	NC	NC	mg/L	282	NA	239	2.00	52.0	230	Ponded Area N of WB11
MANGANESE	NC	NC	mg/L	281	NA	222	0.00	0.38	25	OUT-019
BARIUM	NC	NC	mg/L	260	NA	196	0.03	0.44	2.30	OUT-019
ANTIMONY	NC	NC	mg/L	260	NA	1	0.01	0.0	0.0061	OUT-019
TIN	NC	NC	mg/L	259	NA	1	0.01	0.01	0.0098	OUT-017
Other Parameters										
SOLIDS, TOTAL DISSOLVED	500(S)	NC	mg/L	281	259	281	140	5,930	25,000	Ponded Area N of WB11
ALKALINITY	NC	NC	mg/L	281	0	281	13.9	152	940	Ponded Area N of WB11
CHLORIDE	NC	NC	mg/L	281	0	281	1.2	2,989	13,000	Ponded Area N of WB11

Table 13
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Site Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

	New York State Class C	New York State Class C Criteria		Total	No. of	No. of	Minimum Detected	Average Detected	Maximum Detected	Maximum Detected
HARDNESS (AS CACO3)	NC	NC	mg/L	281	0	281	110	2,790	12,000	Ponded Area N of WB11
SULFATE	NC	NC	mg/L	281	0	280	5.9	150	610	Iron Brook
ALKALINITY, BICARBONATE	NC	NC	mg/L	281	0	271	14	137	470	Iron Brook
TOTAL ORGANIC CARBON	NC	NC	mg/L	281	0	267	0.55	3.72	16	OUT 018
CHEMICAL OXYGEN DEMAND	NC	NC	mg/L	281	0	261	4.10	94.33	3600	RET POND 1
AMMONIA	NC	NC	mg/L	290	0	252	0.010	1.15	6.4	Ret Pond 2-2
NITROGEN, KJELDAHL	NC	NC	mg/L	281	0	221	0.17	1.58	8.4	Ret Pond 2-2
NITRATE	NC	NC	mg/L	280	0	167	0.01	0.79	4.9	OUT-019
BROMIDE	NC	NC	mg/L	281	0	150	0.09	2.42	15	Ponded Area N of WB11
PHENOLICS, TOTAL RECOVERABLE	NC	NC	mg/L	279	0	97	0.0	0	0.67	Interbed 2
BIOCHEMICAL OXYGEN DEMAND	NC	NC	mg/L	130	0	53	0.85	2.87	17	Ponded Area N of WB11
ALKALINITY, CARBONATE	NC	NC	mg/L	281	0	19	6.40	66.79	210	OUT-017
NITRITE	NC	NC	mg/L	74	0	1	0.05	0.05	0.049	OUT-018

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

Table 14
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Ninemile Creek Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

Parameter Name	New York State Class C Criteria	New York State Class C Criteria (hardness dependent)	Units	Total Count	No. of Exceedances	No. of Detects	Minimum Detected Concentration	Average Detected Concentration	Maximum Detected Concentration	Maximum Detected Location
VOCs										
CHLOROBENZENE	5(S)	NC	µg/L	47	0	17	0.14	0.64	1.30	REACH D
1,4-DICHLOROBENZENE	5(S)	NC	µg/L	47	0	16	0.21	0.43	0.66	REACH D
TOLUENE	100(G)	NC	µg/L	47	0	2	0.21	0.23	0.25	REF REACH 2
1,2-DICHLOROBENZENE	5(S)	NC	µg/L	47	0	1	0.19	0.19	0.19	REACH D
CHLOROFORM	NC	NC	µg/L	47	NA	5	0.25	0.76	2.30	REF REACH 2
1,2-DICHLOROETHANE	NC	NC	µg/L	47	NA	4	0.24	0.25	0.25	REACH E REACH F
ACETONE	NC	NC	µg/L	47	NA	2	2.80	3.05	3.30	REF REACH 2
SVOCs										
BENZO(A)ANTHRACENE	0.03(G)	NC	µg/L	47	12	13	0.03	0.14	0.61	REACH C
BENZO(A)PYRENE	0.0012(G)	NC	µg/L	47	6	6	0.07	0.22	0.49	REACH C
BIS (2-ETHYLHEXYL) PHTHALATE	0.6(G)	NC	µg/L	47	6	6	1.70	8.47	25.00	REF REACH
PYRENE	4.6(G)	NC	µg/L	47	0	20	0.03	0.10	0.44	REF REACH
PHENANTHRENE	5(G)	NC	µg/L	47	0	13	0.04	0.07	0.20	REF REACH
ANTHRACENE	3.8(G)	NC	µg/L	47	0	3	0.02	0.04	0.056	REF REACH
PHENOL	5(S)	NC	µg/L	47	0	1	0.16	0.16	0.16	REACH A
FLUORANTHENE	NC	NC	µg/L	47	NA	19	0.02	0.13	0.54	REF REACH
CHRYSENE	NC	NC	µg/L	47	NA	14	0.02	0.15	0.66	REACH C
BENZO(B)FLUORANTHENE	NC	NC	µg/L	47	NA	10	0.03	0.19	0.65	REACH C
BUTYLBENZYL PHTHALATE	NC	NC	µg/L	47	NA	7	0.14	0.23	0.33	REF REACH
INDENO(1,2,3-CD)PYRENE	NC	NC	µg/L	47	NA	6	0.03	0.24	0.65	REACH C
BENZO(G,H,I)PERYLENE	NC	NC	µg/L	47	NA	5	0.08	0.29	0.61	REACH C
BENZO(K)FLUORANTHENE	NC	NC	µg/L	47	NA	5	0.08	0.32	0.74	REACH C
DIBENZO(A,H)ANTHRACENE	NC	NC	µg/L	47	NA	3	0.18	0.38	0.60	REACH C
7,12-DIMETHYLBENZ(A)ANTHRACENE	NC	NC	µg/L	47	NA	2	0.11	0.17	0.22	REACH C
ACENAPHTHYLENE	NC	NC	µg/L	47	NA	1	0.05	0.05	0.052	REF REACH 2
Pesticides (Water Samples)										
alpha-BHC	0.002(S)	NC	µg/L	41	0	2	0.00080	0.00088	0.00096	REACH B
High Resolution PCBs (Water Samples)										
TOTAL PCBS	0.001(S)	NC	ng/L	24	24	24	0.53	77	399	REACH F
Dioxins/Furans										
TOTAL TEQ	0.0000006(S)	NC	ng/L	23	15	23	0.00005	0.0004	0.002	REF REACH
Inorganic Compounds										
ALUMINUM	0.1(S)	NC	mg/L	165	88	114	0.04	0.63	4.20	REF REACH
IRON	0.3(S)	NC	mg/L	179	77	133	0.11	0.82	8.90	REF REACH
MERCURY	0.0000007(S)	NC	mg/L	47	45	47	0.00000056	0.000005	0.000020	REACH E
SILVER	0.0001	NC	mg/L	165	8	8	0.00031	0.000715	0.001300	REACH F

Table 14
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Ninemile Creek Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

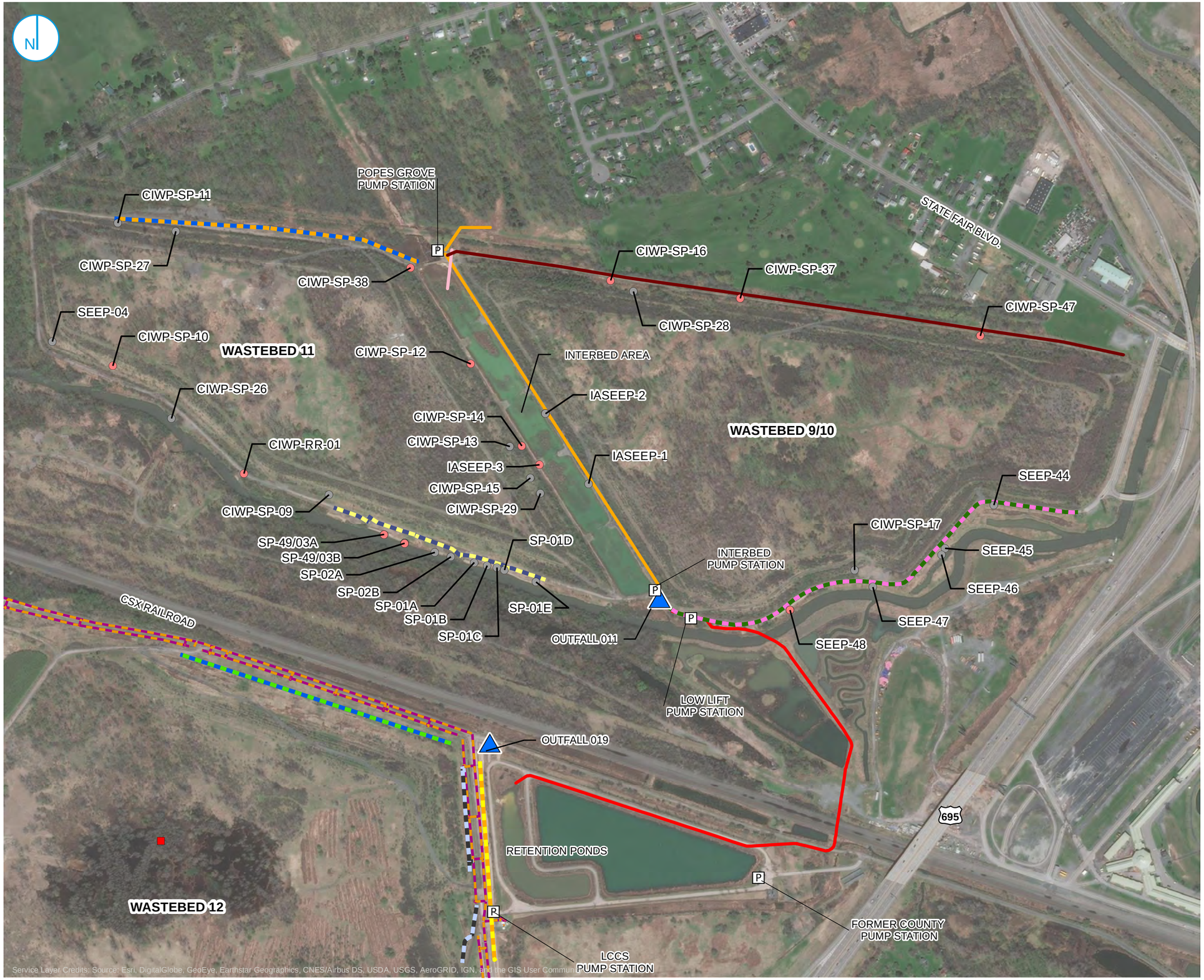
	New York State Class C	New York State Class C Criteria		Total	No. of	No. of	Minimum Detected	Average Detected	Maximum Detected	Maximum Detected
CYANIDE	0.0052(S)	NC	mg/L	47	6	8	0.0048	0.0219	0.05	REF REACH
THALLIUM	0.008	NC	mg/L	165	5	13	0.0017	0.0097	0.035	REF REACH
SELENIUM	0.0046	NC	mg/L	165	2	6	0.0019	0.0045	0.0083	REACH F
BORON	10	NC	mg/L	165	0	69	0.022	0.0463	0.074	REACH E
COPPER	NC	0.1263(S)	mg/L	165	0	64	0.0012	0.0060	0.025	REF REACH
COBALT	0.005	NC	mg/L	165	0	34	0.00039	0.0010	0.0046	REACH C
NICKEL	NC	0.7142(S)	mg/L	165	0	31	0.00089	0.0031	0.013	REF REACH
ZINC	NC	1.149(S)	mg/L	165	0	28	0.0012	0.0200	0.092	REF REACH 2
LEAD	NC	0.0838(S)	mg/L	179	0	21	0.0015	0.0077	0.035	REF REACH
CHROMIUM	NC	0.9362(S)	mg/L	165	0	13	0.00091	0.0036	0.007	REF REACH
ARSENIC	0.15	NC	mg/L	165	0	9	0.0031	0.0074	0.031	REACH F
VANADIUM	0.014	NC	mg/L	165	0	6	0.0011	0.0041	0.0088	REF REACH
CADMIUM	NC	0.0238(S)	mg/L	179	0	1	0.00025	0.0003	0.00025	REF REACH
CALCIUM	NC	NC	mg/L	179	NA	179	87	168	380	REACH E
SODIUM	NC	NC	mg/L	179	NA	161	31.9	66.6	190	REACH E
MAGNESIUM	NC	NC	mg/L	179	NA	141	18	26.6	40	REACH F
MANGANESE	NC	NC	mg/L	179	NA	136	0.021	0.07	0.60	REF REACH
BARIUM	NC	NC	mg/L	165	NA	115	0.052	0.07	0.13	REF REACH
POTASSIUM	NC	NC	mg/L	179	NA	107	1.5	2.97	6.40	REACH F
ANTIMONY	NC	NC	mg/L	165	NA	4	0.025	0.03	0.026	REACH B
Other Parameters										
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	NC	mg/L	179	162	179	400	827	2000	REACH E
NITROGEN, NITRITE	0.1(S)	NC	mg/L	47	1	1	0.11	0.11	0.11	REACH E
NITROGEN, NITRATE (AS N)	NC	NC	mg/L	183	0	183	0.37	0.74	2.20	REACH C
ALKALINITY, TOTAL	NC	NC	mg/L	179	0	179	170	235	500	REACH F
ALKALINITY, BICARBONATE (AS CACO3)	NC	NC	mg/L	179	0	179	170	235	500	REACH F
CHLORIDE	NC	NC	mg/L	179	0	179	40	157	590	REACH E
HARDNESS (AS CACO3)	NC	NC	mg/L	179	0	179	74	537	1000	REACH E REACH F
SULFATE	NC	NC	mg/L	179	0	179	80	237	430	REACH A
TOTAL ORGANIC CARBON	NC	NC	mg/L	179	0	179	1.40	2.51	6.10	REF REACH
NITROGEN, AMMONIA (AS N)	NC	NC	mg/L	187	0	166	0.01	0.20	0.78	REACH E
CHEMICAL OXYGEN DEMAND	NC	NC	mg/L	179	0	145	2.40	17.3	260	REACH A
NITROGEN, KJELDAHL	NC	NC	mg/L	177	0	130	0.15	0.5	2.8	REACH B
TOTAL RECOVERABLE PHENOLICS	NC	NC	mg/L	174	0	34	0.01	0.04	0.23	REACH B
BIOCHEMICAL OXYGEN DEMAND, FIVE DAY	NC	NC	mg/L	83	0	22	1.30	2.41	4.30	REACH A

Table 14
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Ninemile Creek Surface Water
Summary Statistics for Detected Concentrations and Comparison to Standards and Guidance Values

	New York State Class C	New York State Class C Criteria		Total	No. of	No. of	Minimum Detected	Average Detected	Maximum Detected	Maximum Detected
ALKALINITY, CARBONATE (AS CACO3)	NC	NC	mg/L	179	0	5	4.00	7.56	12.00	REF REACH 2
BROMIDE	NC	NC	mg/L	179	0	1	1.80	1.80	1.80	REACH E

NOTES:
NC = no applicable criteria; NA = not available as no applicable criteria.

FIGURES



LEGEND

- WEIR BOX
- OUTFALL
- PUMP STATION
- ACTIVE SEEP
- INACTIVE SEEP
- LEACHATE DISCHARGE TO INTERBED
- OUTFALL 011 CONVEYANCE PIPE
- WASTEBEDS 9/10 COLLECTION PIPE
- INTERBED FORCE MAIN
- WASTEBED 11 NORTH SEEP MITIGATION SYSTEM
- PHASE 1 SEEP MITIGATION SYSTEM
- PHASE 4 SEEP MITIGATION SYSTEM
- PHASE 5 SEEP MITIGATION SYSTEM
- PHASE 6 SEEP MITIGATION SYSTEM
- LEACHATE COLLECTION AND CONVEYANCE
- OUTFALL 019 EAST DITCH COLLECTION SYSTEM

0 750 1,500 Feet

OBSERVED SEEP LOCATIONS WASTEBEDS 9-11

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION DATA EVALUATION
GEDDES AND CAMILLUS, NY

FIGURE 01

MARCH 2021

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

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PROJECT: 1163.1940075018 | DATED: 3/24/2021 | DESIGNER: MCCOMBSI

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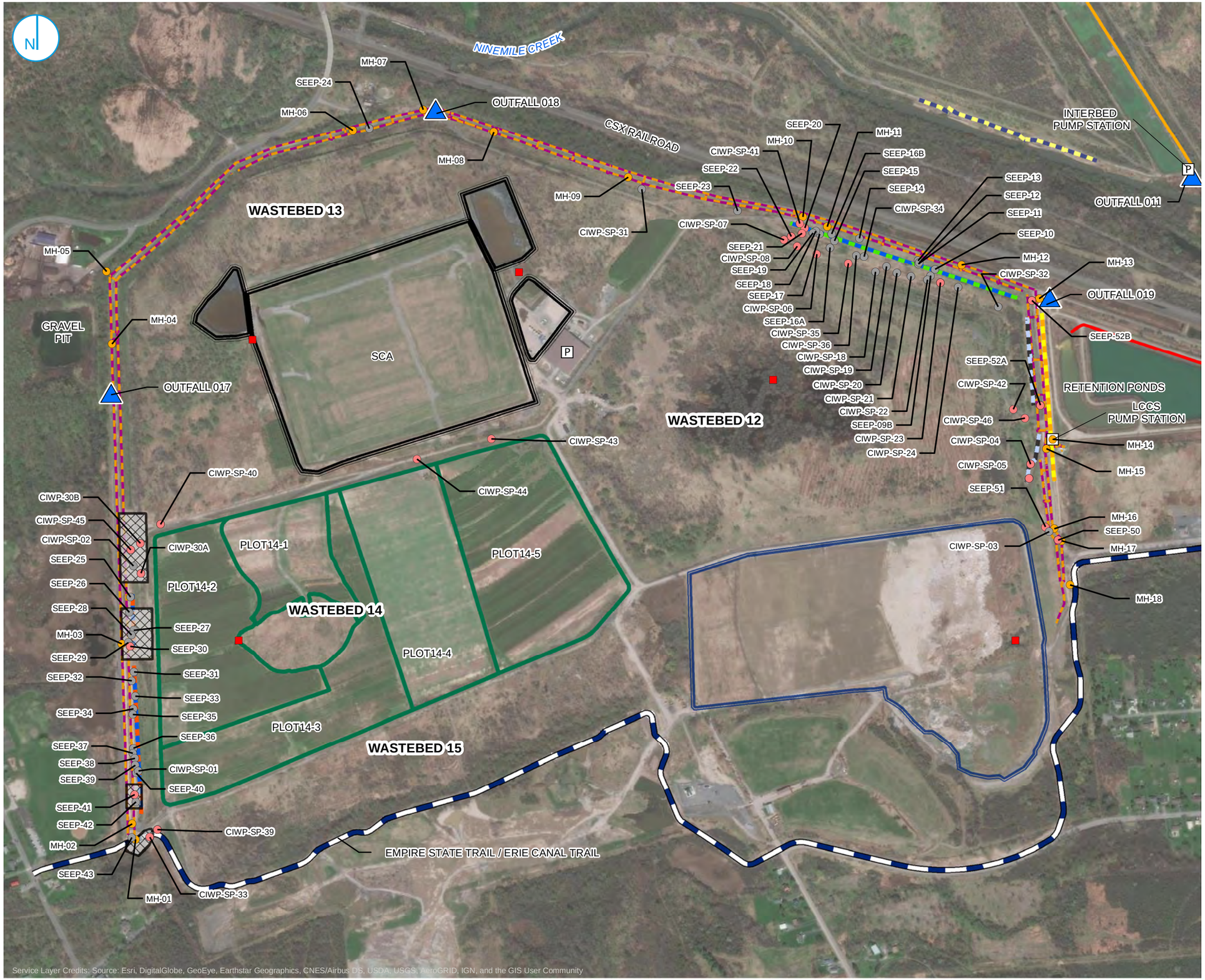

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LEGEND

- WEIR BOX
- OUTFALL
- P PUMP STATION
- ACTIVE SEEP
- INACTIVE SEEP
- LCCS MANHOLE
- OUTFALL 011 CONVEYANCE PIPE
- INTERBED FORCE MAIN
- WASTEBED 11 NORTH SEEP MITIGATION SYSTEM
- PHASE 1 SEEP MITIGATION SYSTEM
- PHASE 2 SEEP MITIGATION SYSTEM
- PHASE 5 SEEP MITIGATION SYSTEM
- PHASE 6 SEEP MITIGATION SYSTEM
- LEACHATE COLLECTION AND CONVEYANCE
- OUTFALL 019 EAST DITCH COLLECTION SYSTEM
- SEEP APRON
- SCA
- WILLOW PLOTS
- C&D LANDFILL

0 750 1,500 Feet

OBSERVED SEEP LOCATIONS WASTEBEDS 12-15

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION DATA EVALUATION
GEDDES AND CAMILLUS, NY

FIGURE 02

MARCH 2021

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1163.1940075018 | DATED: 3/24/2021 | DESIGNER: MCCOMBSI

LEGEND

- OUTFALL
- MONITORING WELL

0 1,000 2,000 Feet

GROUNDWATER ELEVATION LOCATIONS

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION
CAMILLUS AND GEDDES, NY

FIGURE 03

MARCH 2021

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

t:\Honeywell.1163\72386.Sb-9-15-2019-De\Docs\DWG\MXD\PVI\PV_Plan_Figure6-_Groundwater_Elevation.mxd
PROJECT: 1163.194007S018 | DATED: 2/25/2021 | DESIGNER: MCCOMBSI

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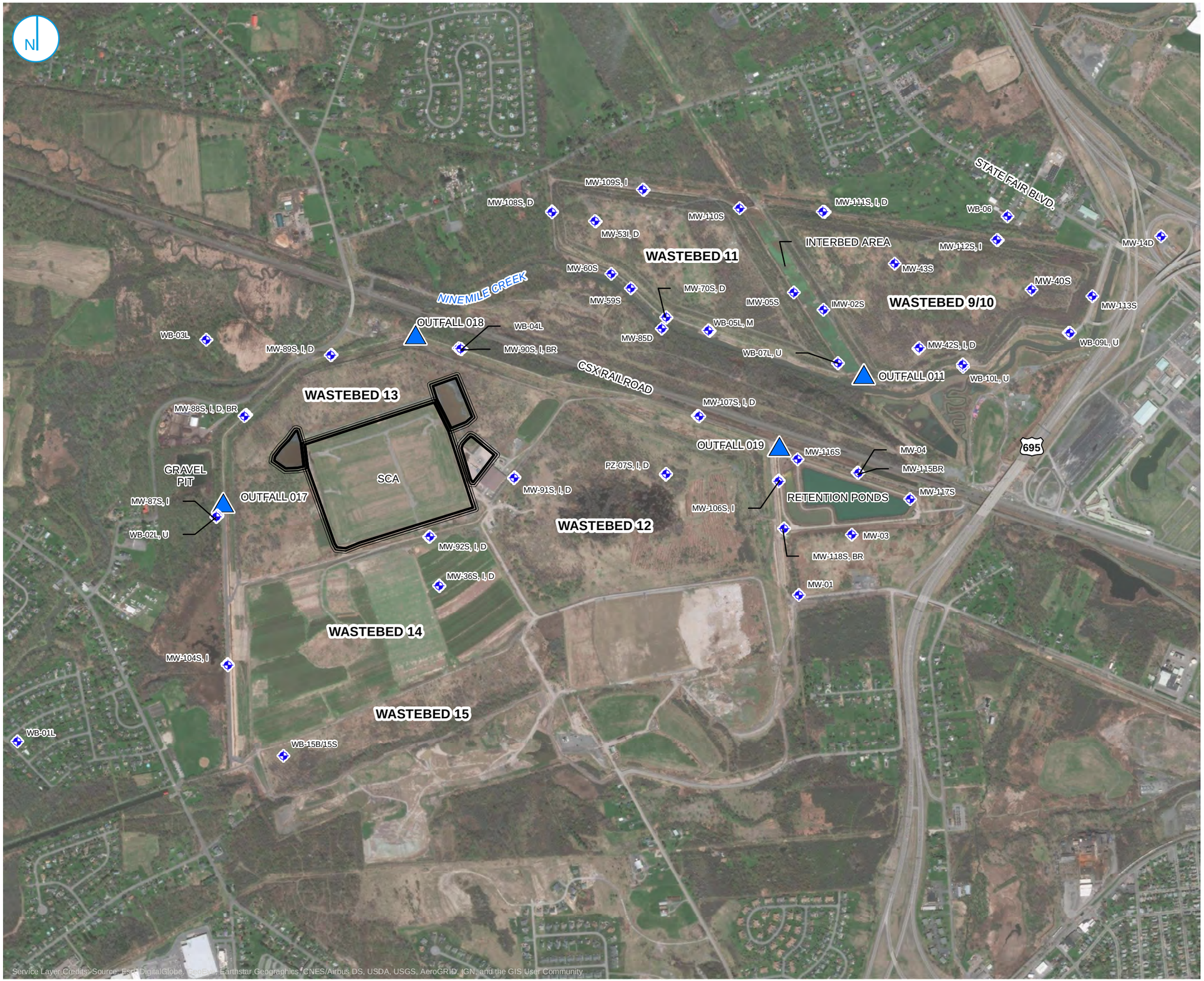

LEGEND

- MONITORING WELL
- OUTFALL
- SCA

0 1,500 3,000 Feet

GROUNDWATER SAMPLE LOCATIONS

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION
CAMILLUS AND GEDDES, NY

FIGURE 04

MARCH 2021

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1163.1940075018 | DATED: 2/25/2021 | DESIGNER: MCCOMBSI

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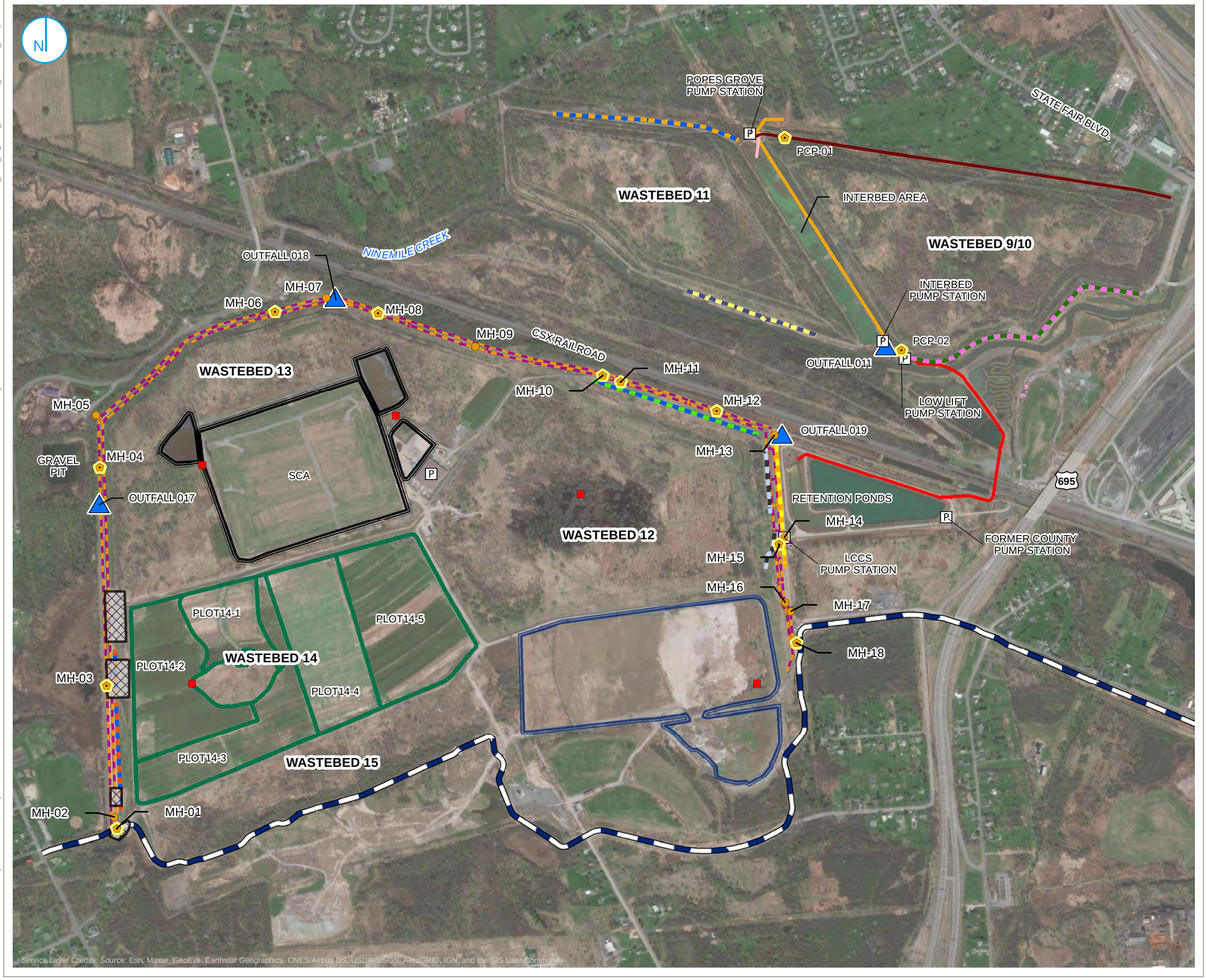

LEGEND

- WEIR BOX
- OUTFALL
- PUMP STATION
- SUBSURFACE LEACHATE SAMPLE LOCATION
- LCCS MANHOLE
- LEACHATE DISCHARGE TO INTERBED
- OUTFALL 011 CONVEYANCE PIPE
- WASTEBEDS 9/10 COLLECTION PIPE
- INTERBED FORCE MAIN
- WASTEBED 11 NORTH SEEP MITIGATION SYSTEM
- PHASE 1 SEEP MITIGATION SYSTEM
- PHASE 2 SEEP MITIGATION SYSTEM
- PHASE 4 SEEP MITIGATION SYSTEM
- PHASE 5 SEEP MITIGATION SYSTEM
- PHASE 6 SEEP MITIGATION SYSTEM
- LEACHATE COLLECTION AND CONVEYANCE
- OUTFALL 019 EAST DITCH COLLECTION SYSTEM
- EMPIRE STATE TRAIL / ERIE CANAL TRAIL
- SEEP APRON
- SCA
- WILLOW PLOTS
- C&D LANDFILL

0 1,000 2,000 Feet

SUBSURFACE LEACHATE SAMPLE LOCATIONS

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION
CAMILLUS AND GEDDES, NY

FIGURE 05

MARCH 2021

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1163.1940075018 | DATED: 2/25/2021 | DESIGNER: MCCOMBSI

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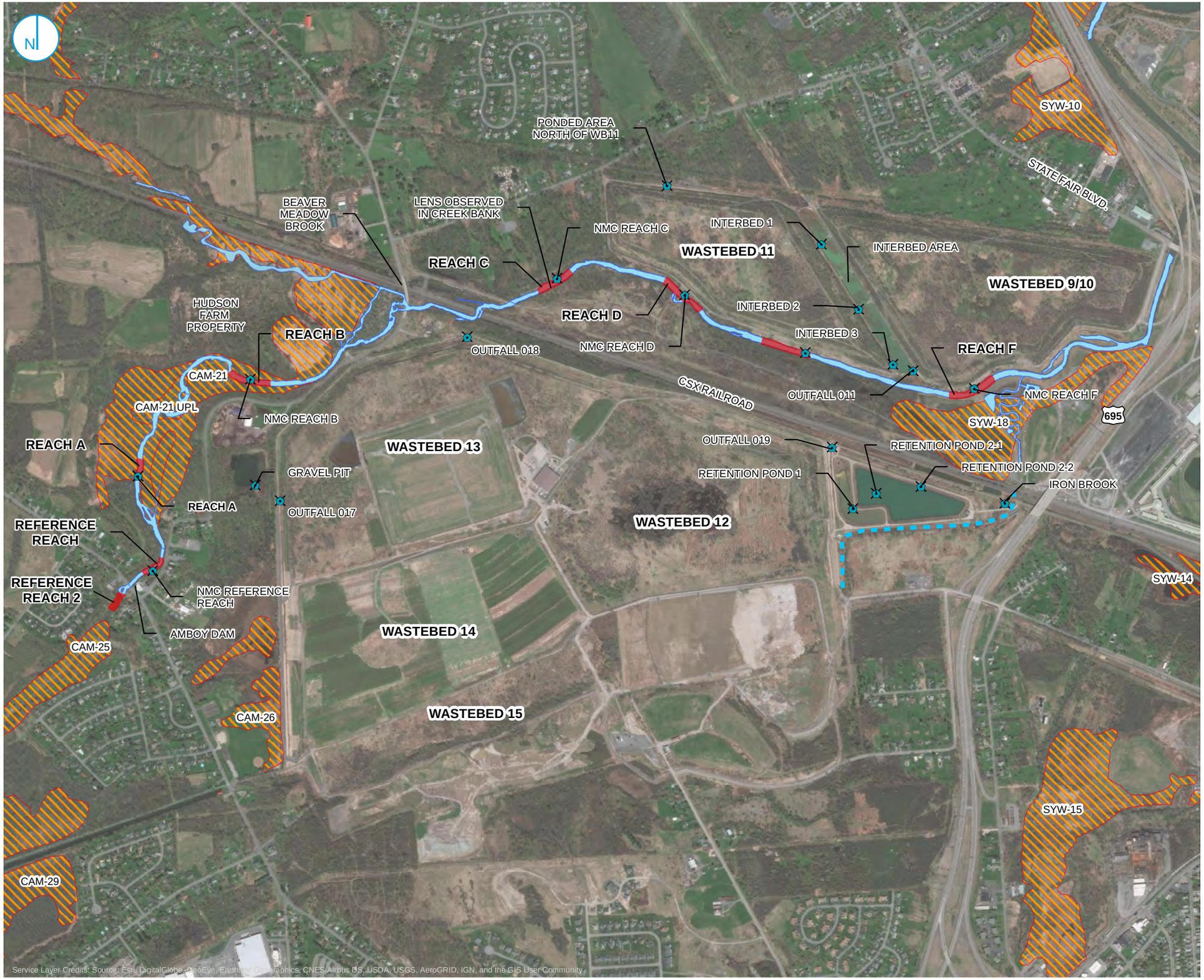


LEGEND

- SURFACE WATER SAMPLE
- IRON BROOK
- NYS FRESHWATER WETLAND
- REACH LOCATION

0 1,500 3,000 Feet

SURFACE WATER SAMPLE LOCATIONS

HONEYWELL INTERNATIONAL INC.
WASTEBEDS 9-15
CLOSURE INVESTIGATION
CAMILLUS AND GEDDES, NY

FIGURE 06

MARCH 2021

RAMBOLL US CORPORATION
A RAMBOLL COMPANY

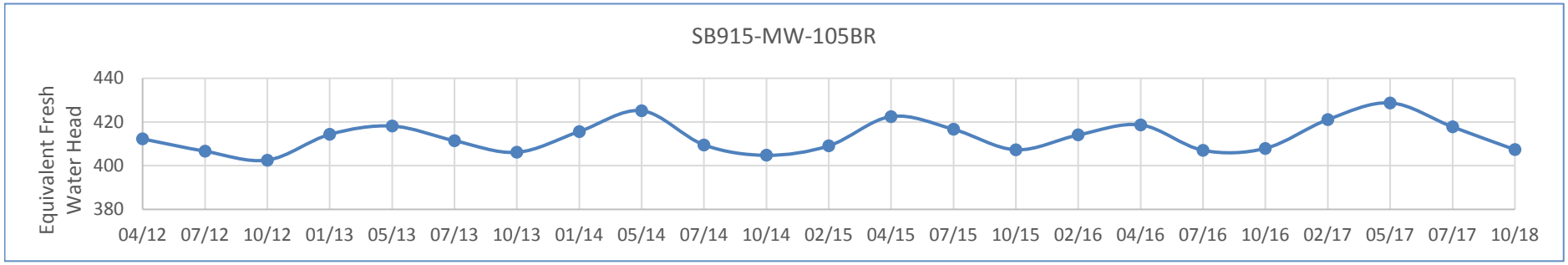
RAMBOLL

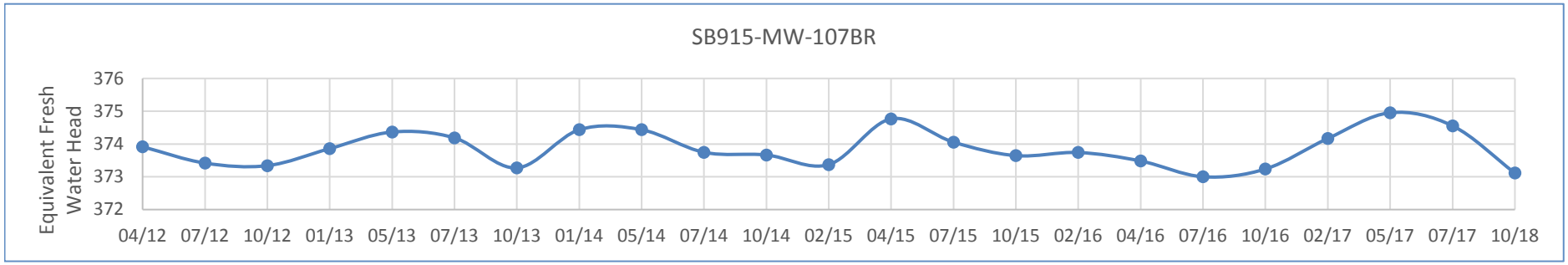
PROJECT: 1163.1940075018 | DATED: 2/25/2021 | DESIGNER: MCCOMBSI

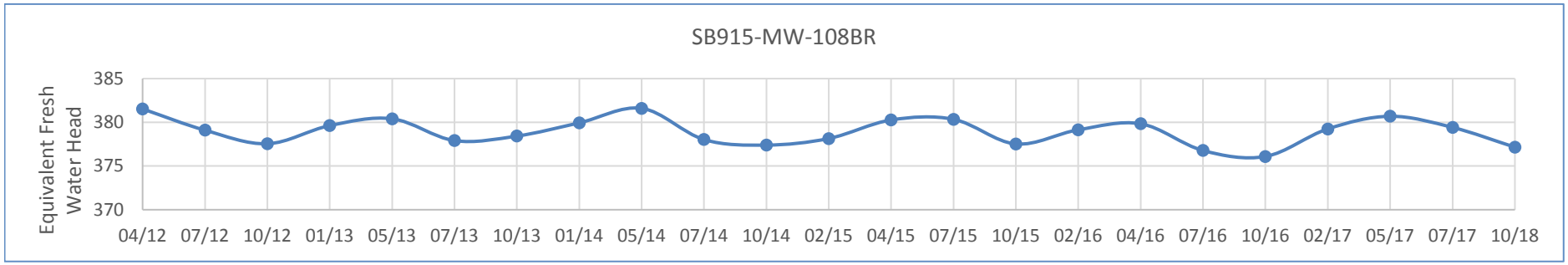
APPENDICES

APPENDIX A
GROUNDWATER ELEVATION GRAPHS

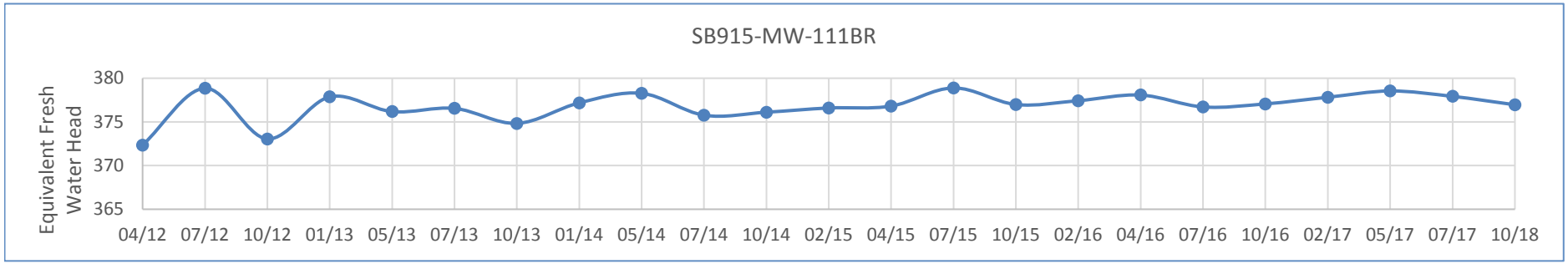
Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph

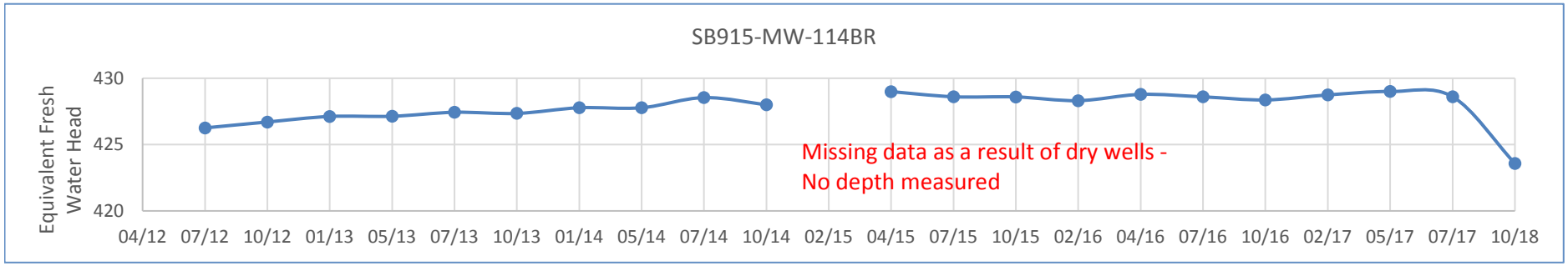


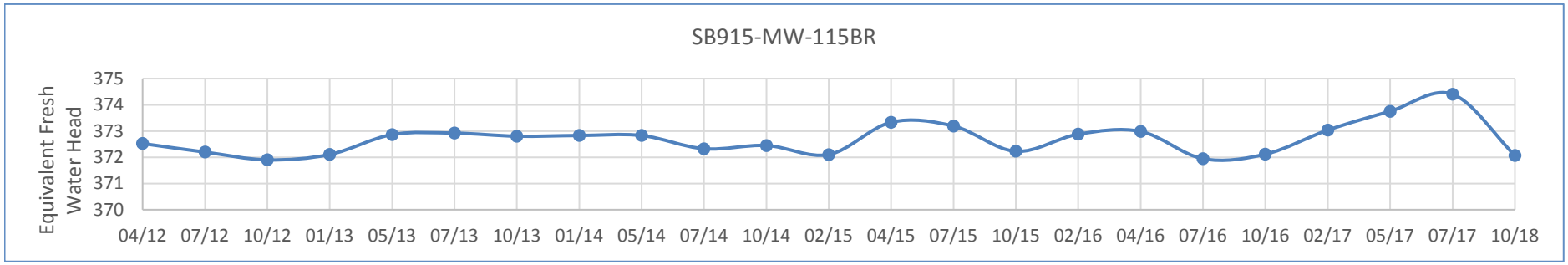




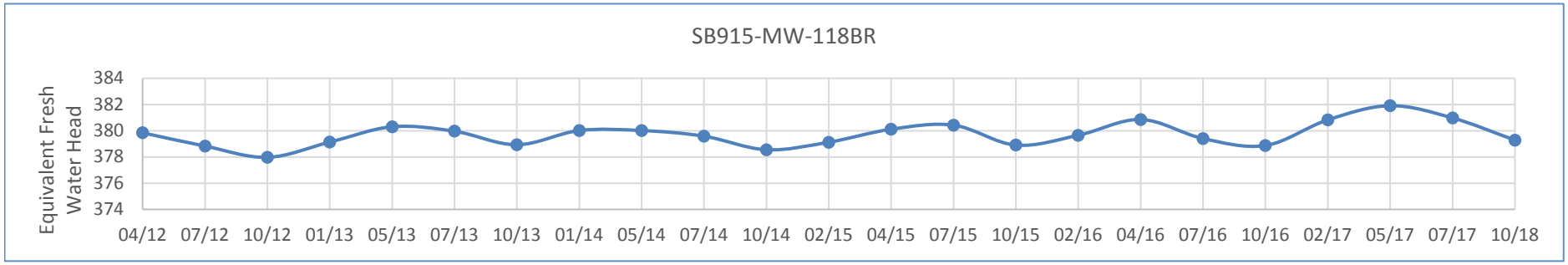
Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph

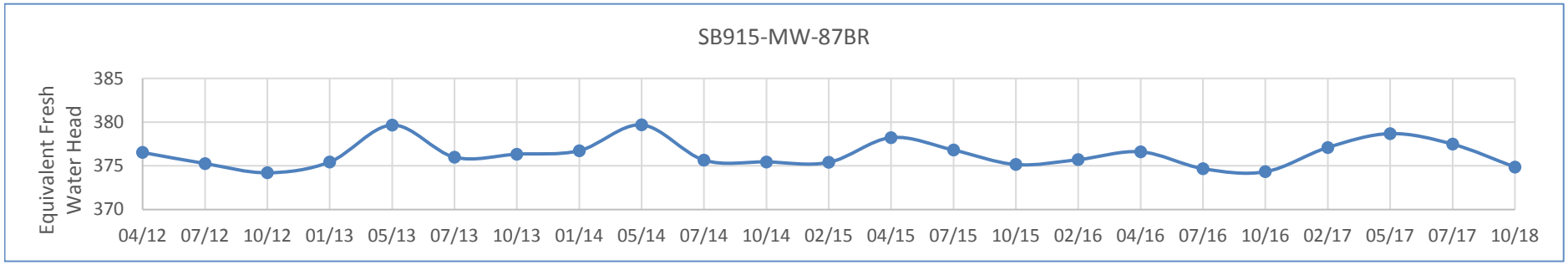


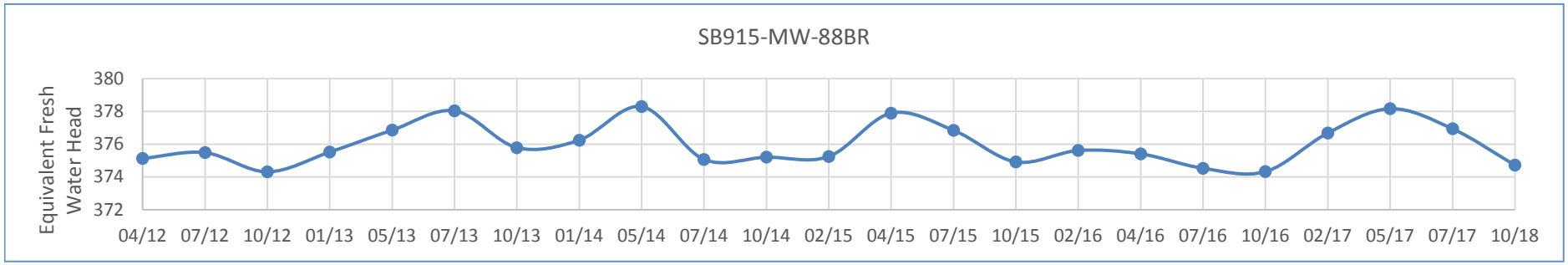




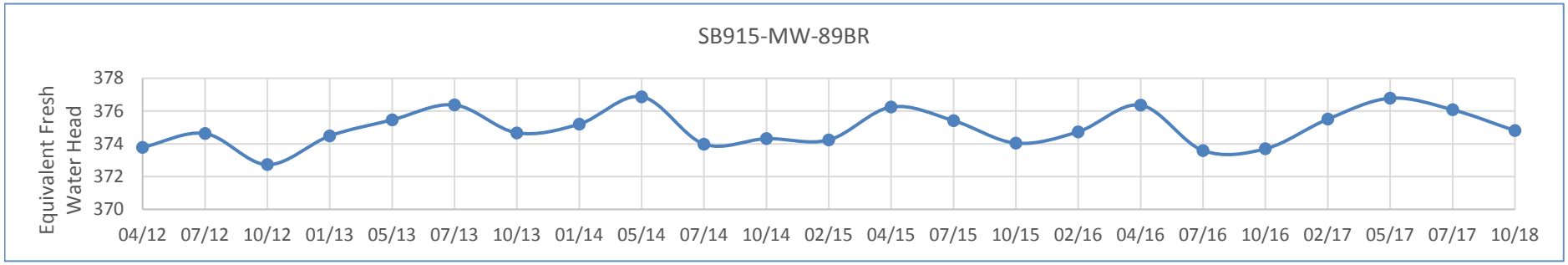
Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph

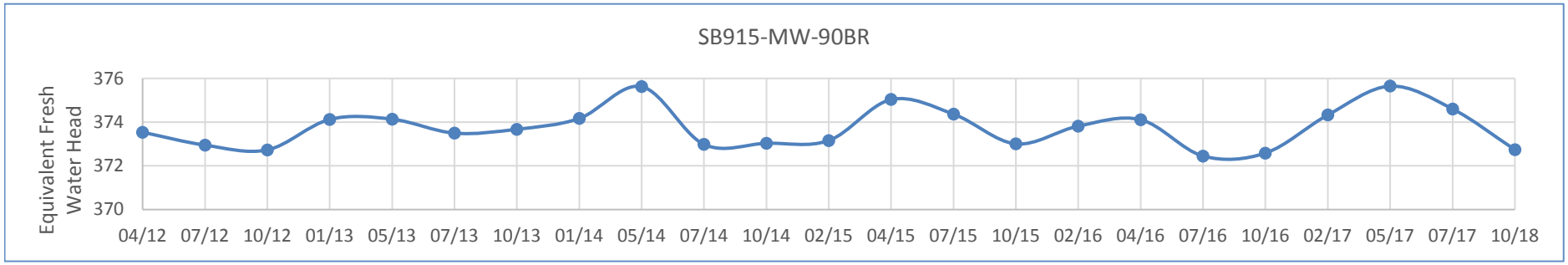


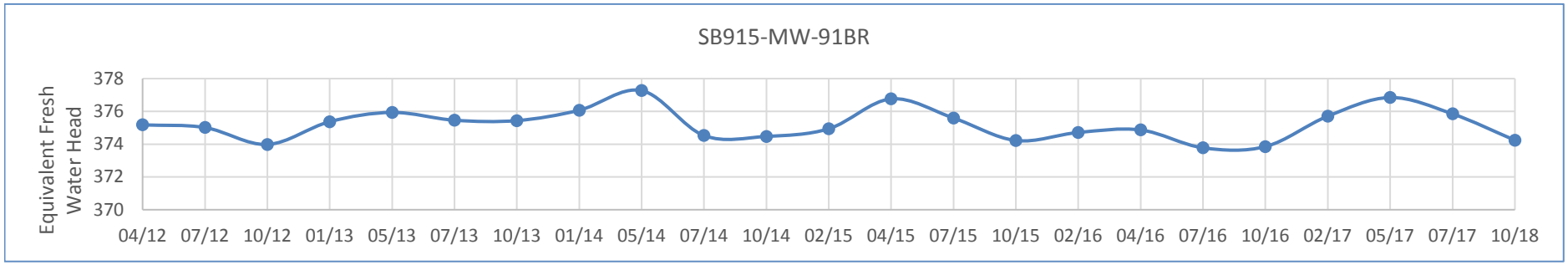




Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph







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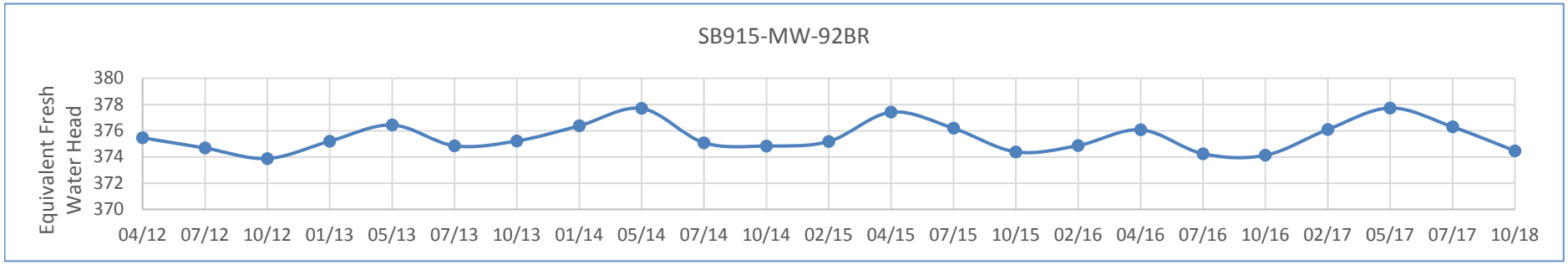

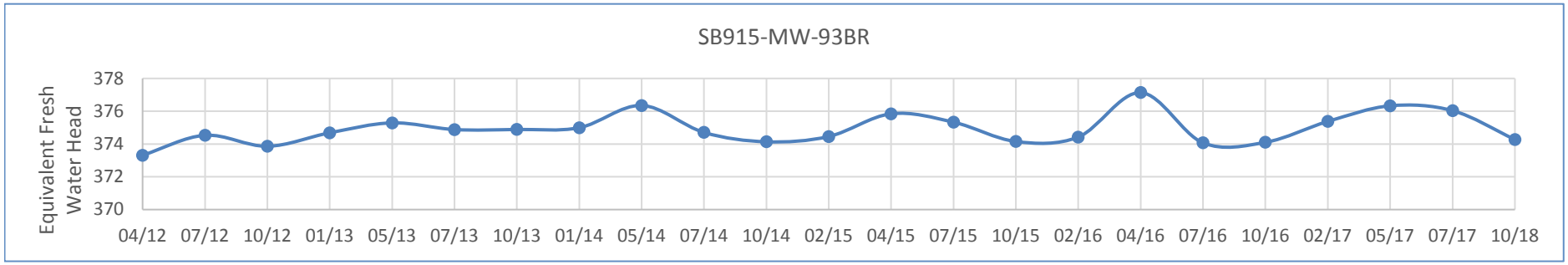

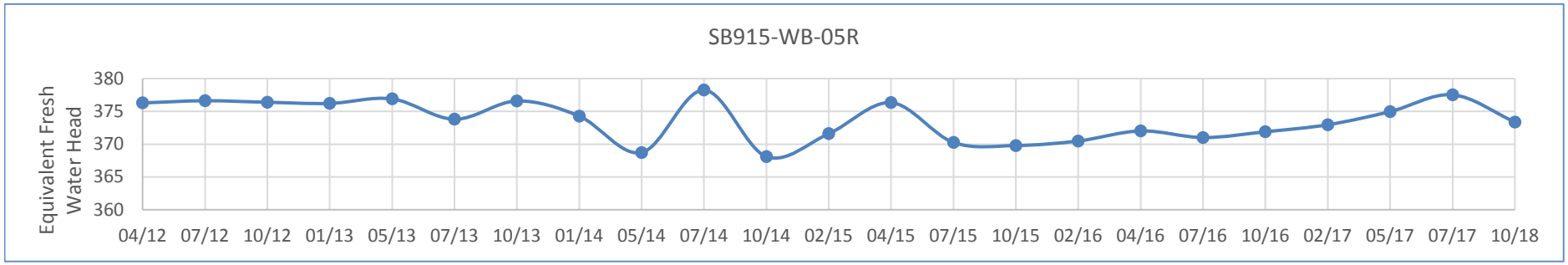

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Appendix A
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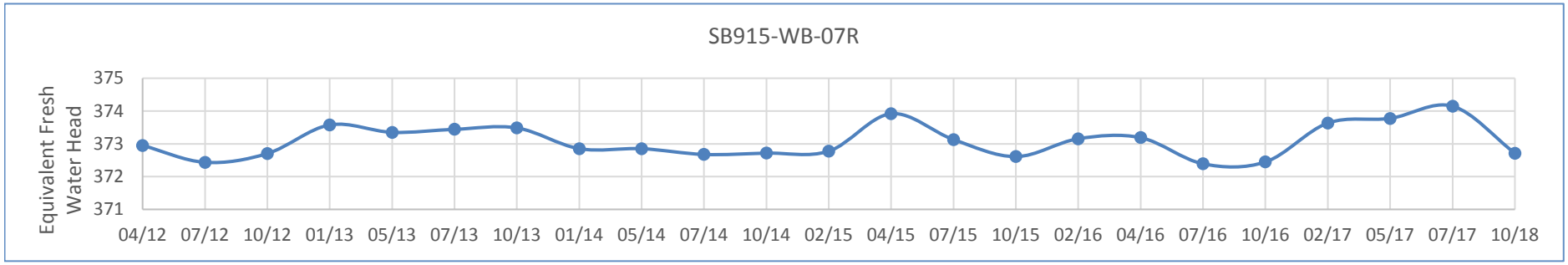
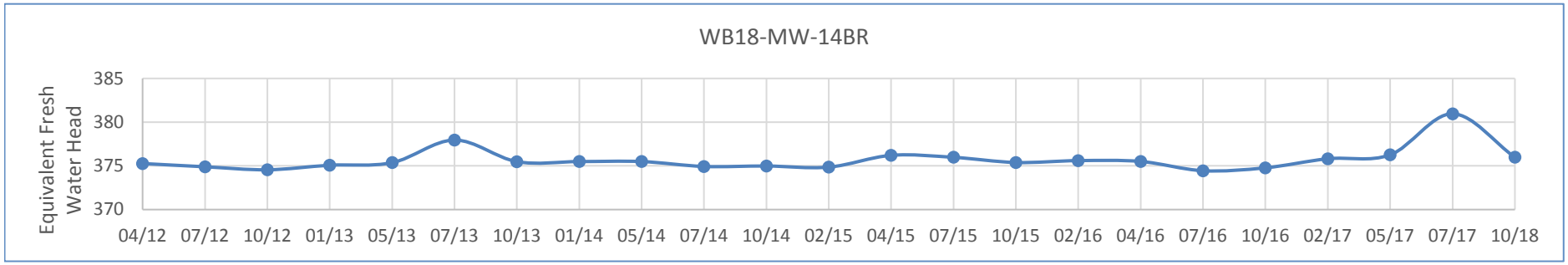
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph





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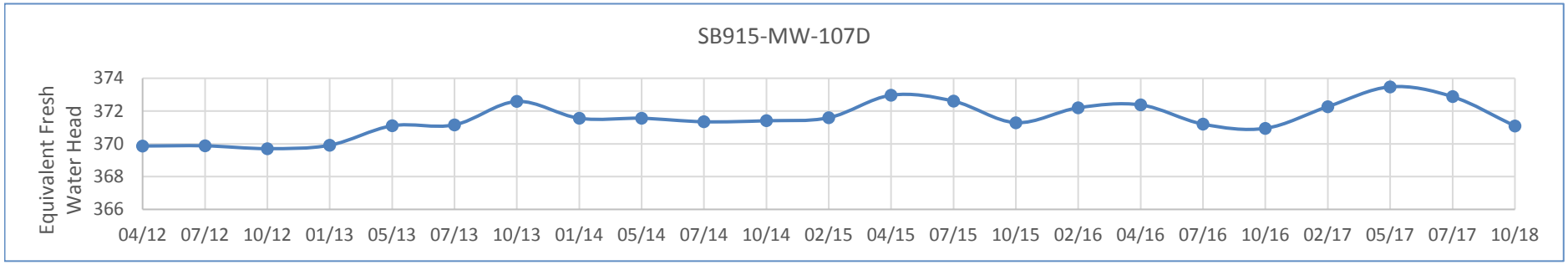

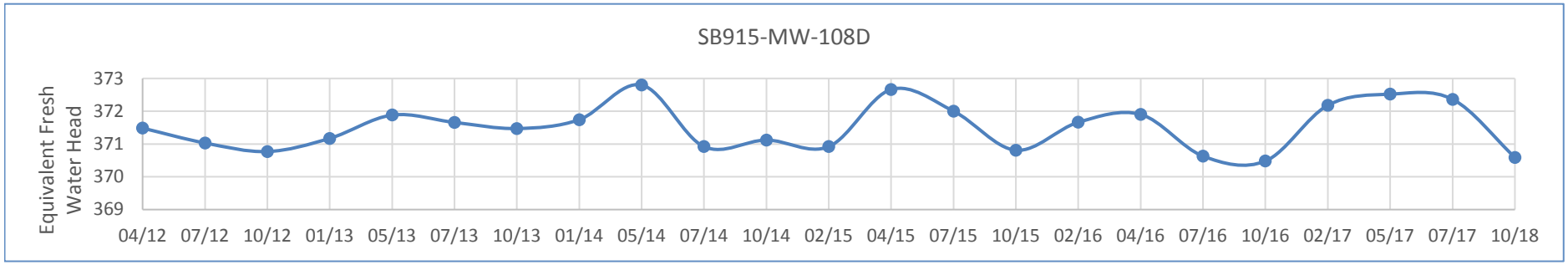

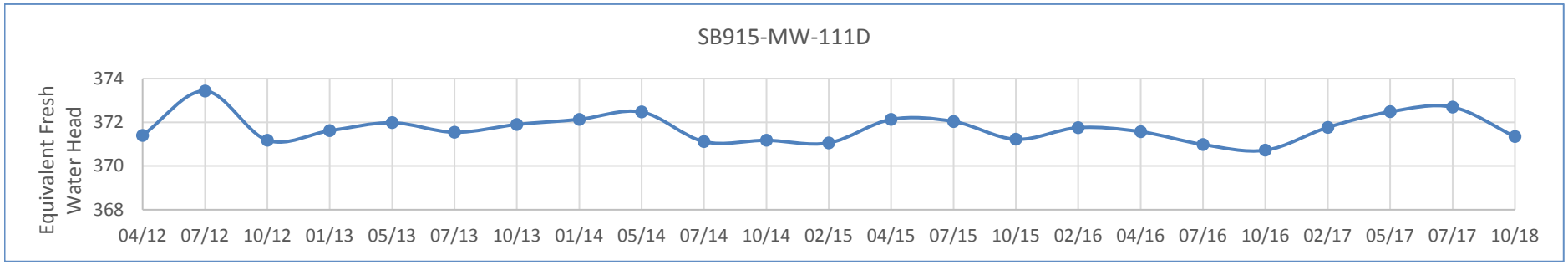

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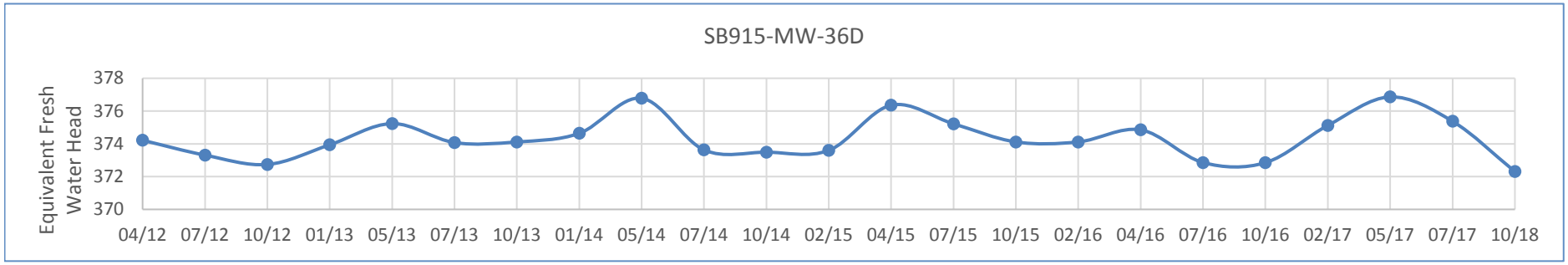

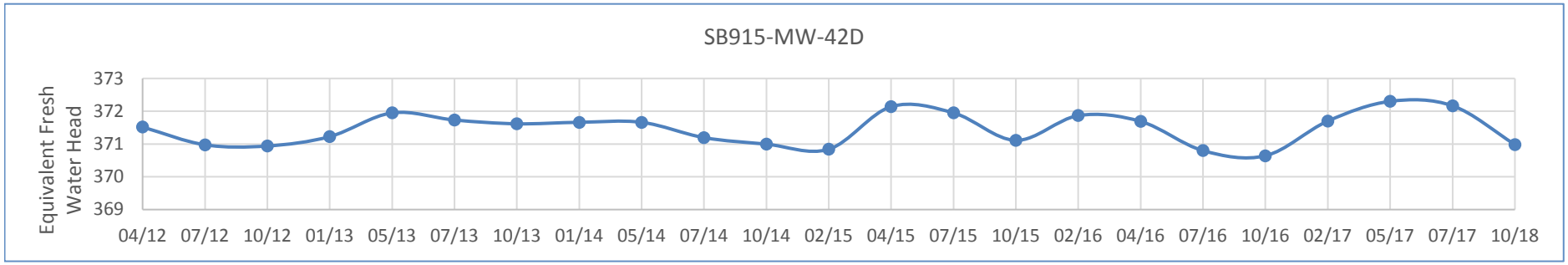

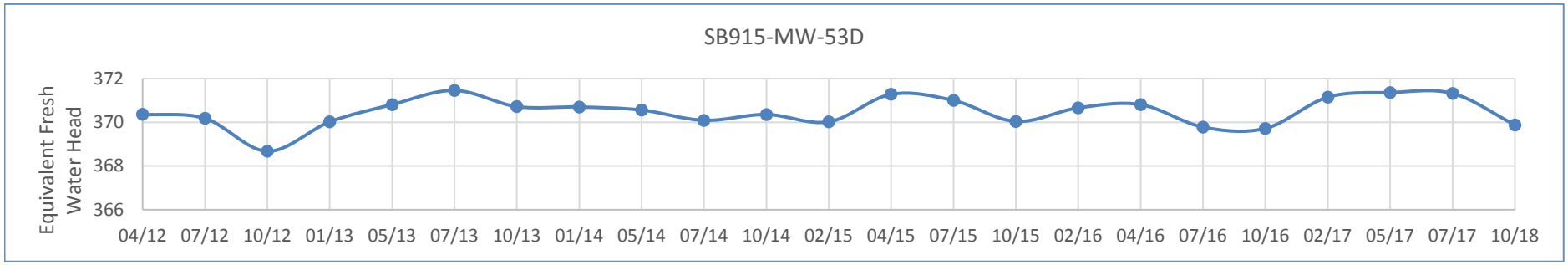

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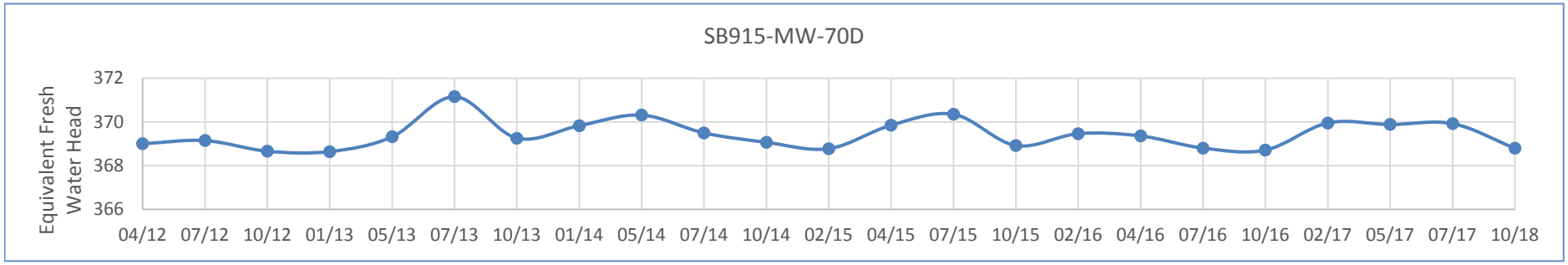
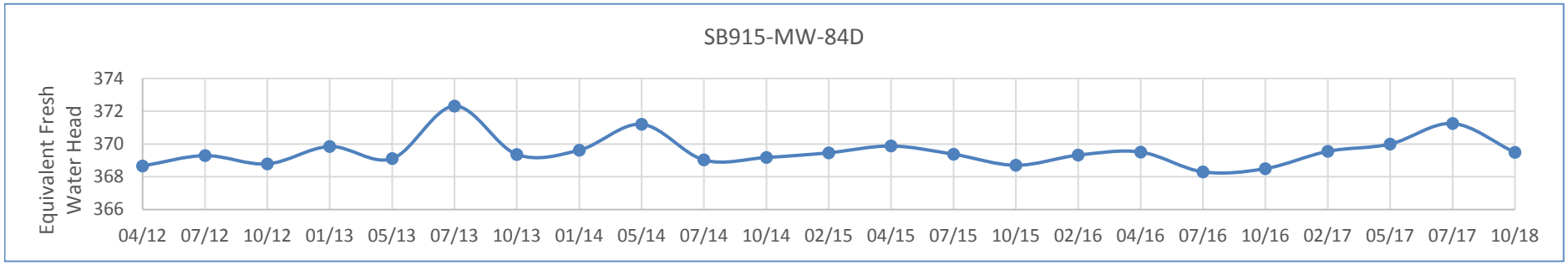
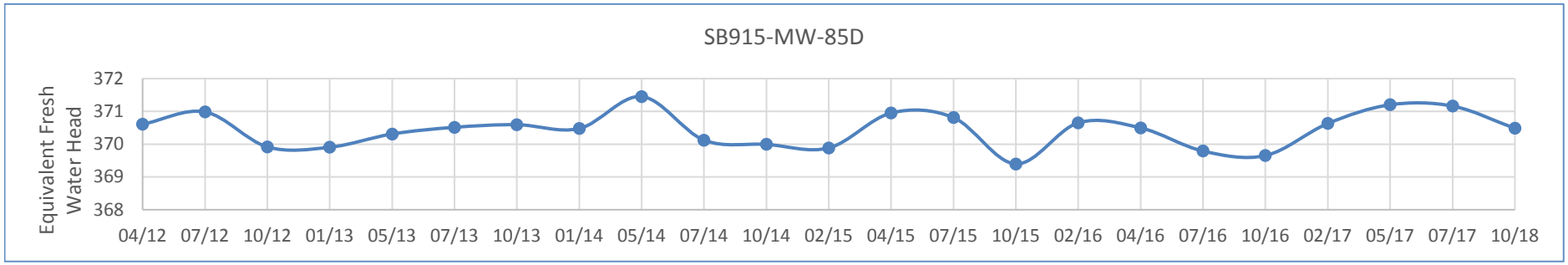
Groundwater Elevation Graph







Appendix A
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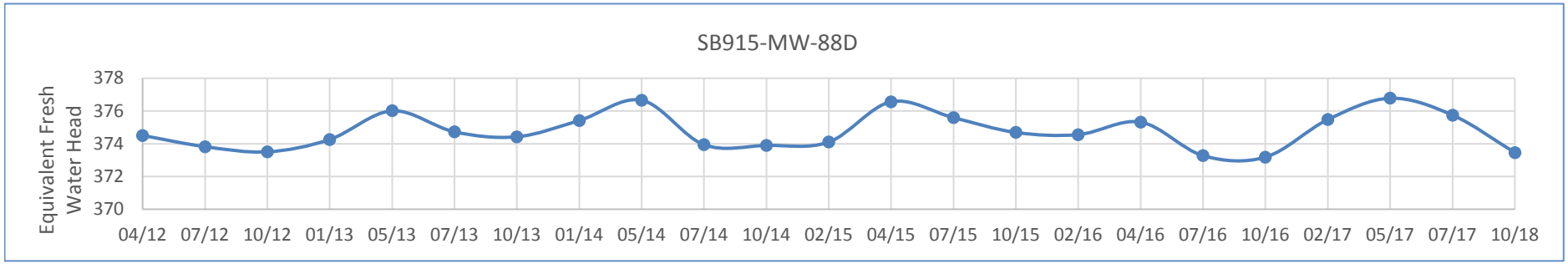
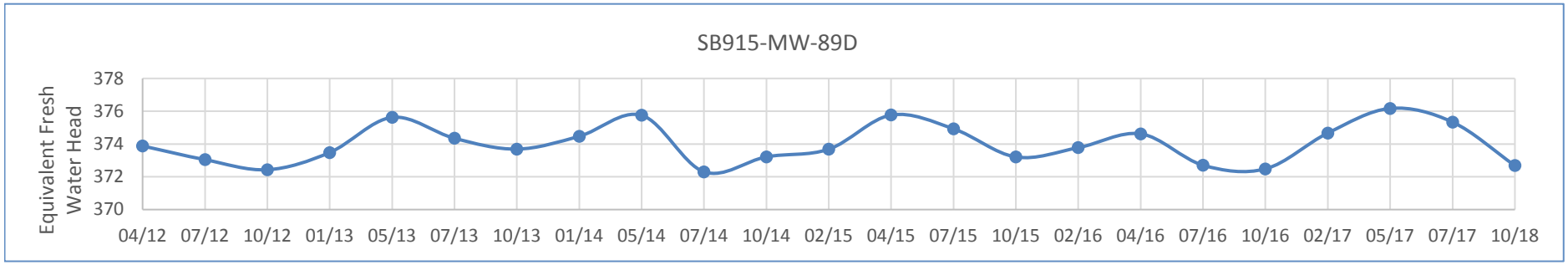
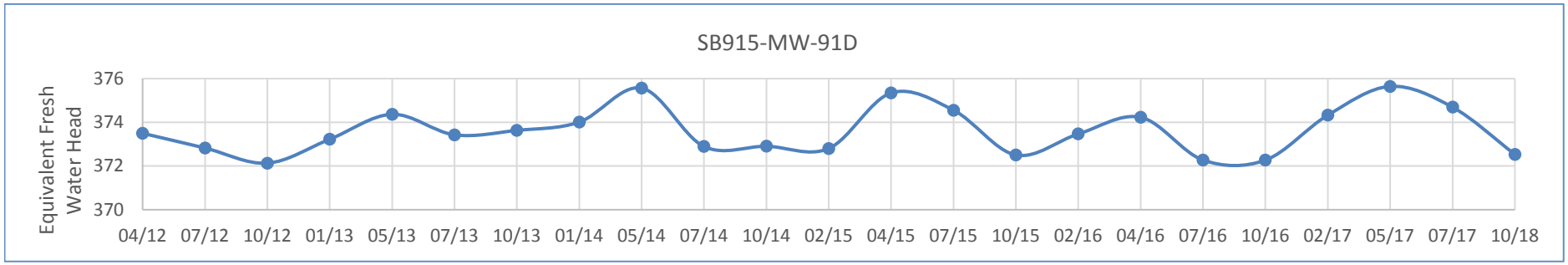
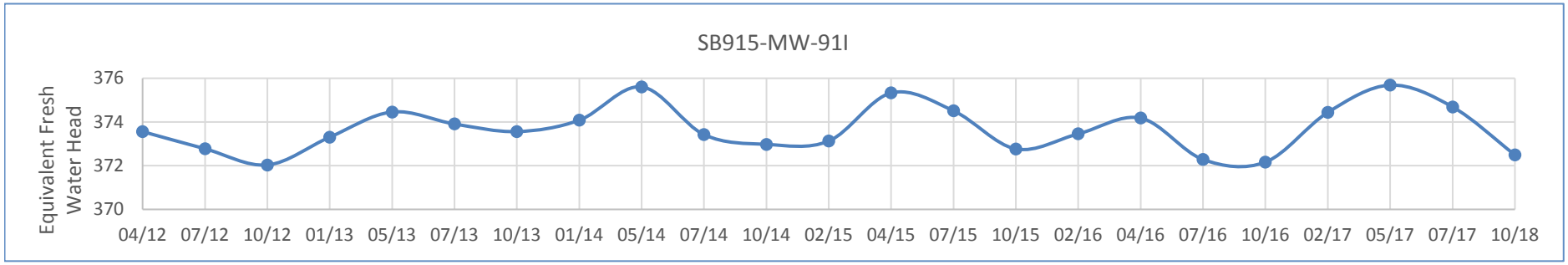
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph

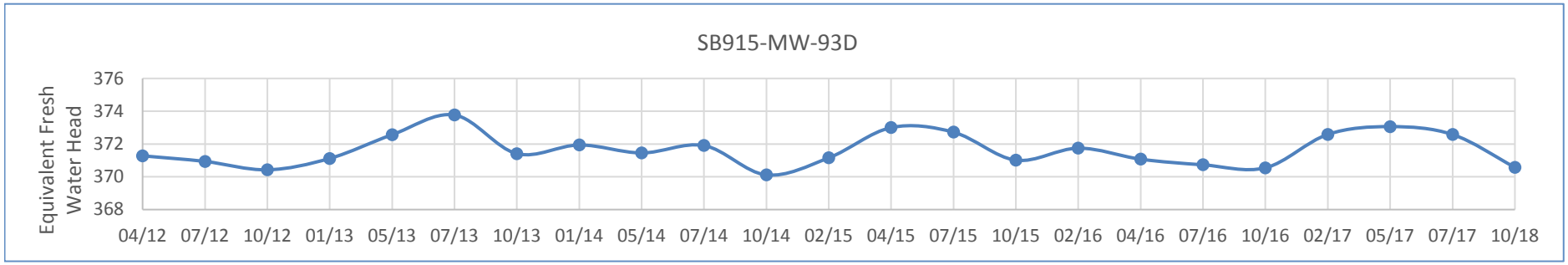


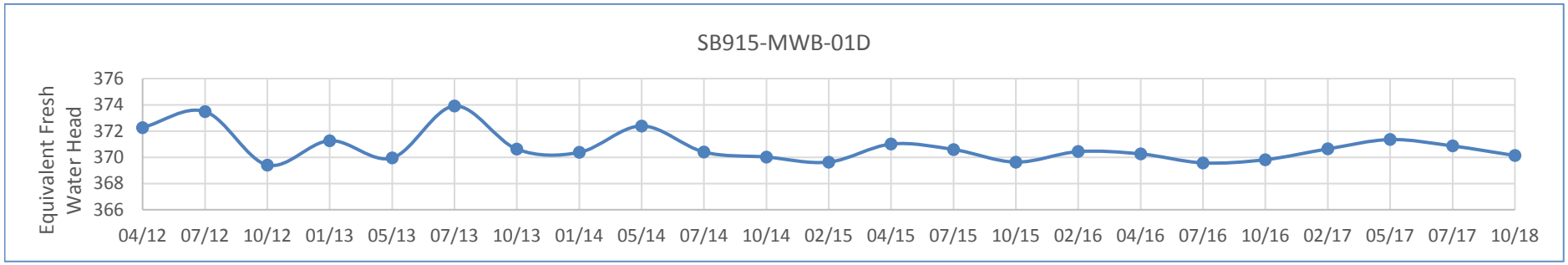




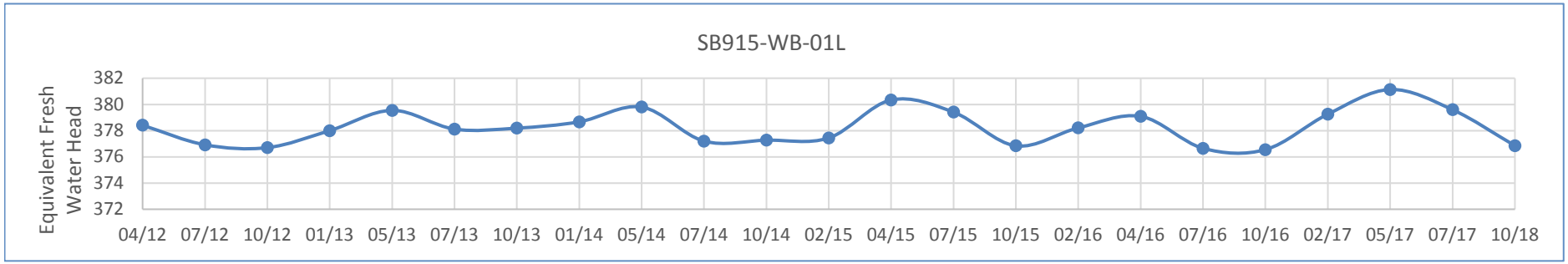
Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph

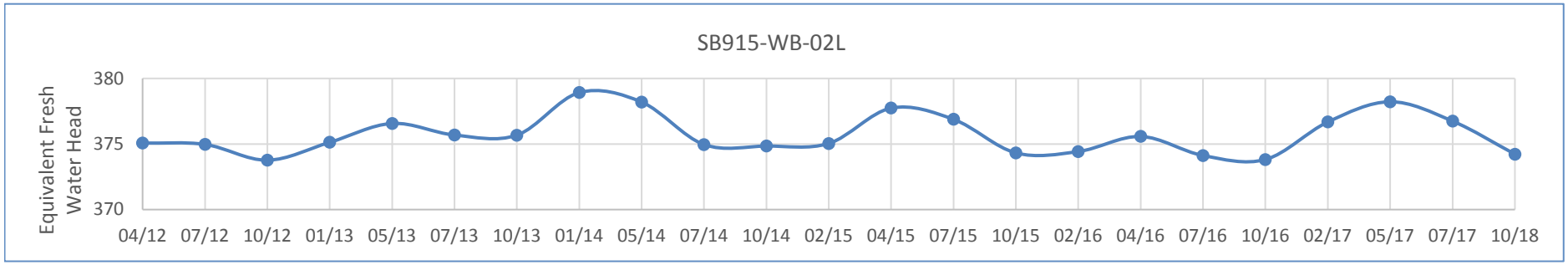


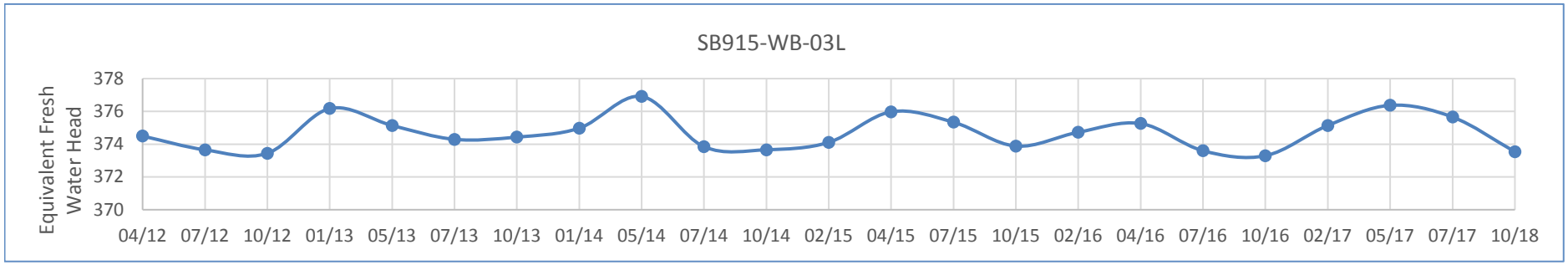




Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Groundwater Elevation Graph







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Honeywell
Closure Investigation Data Evaluation Report
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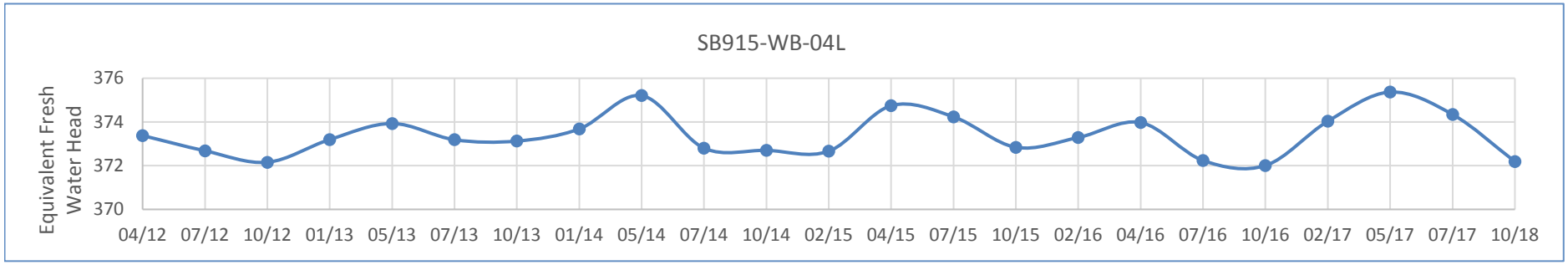

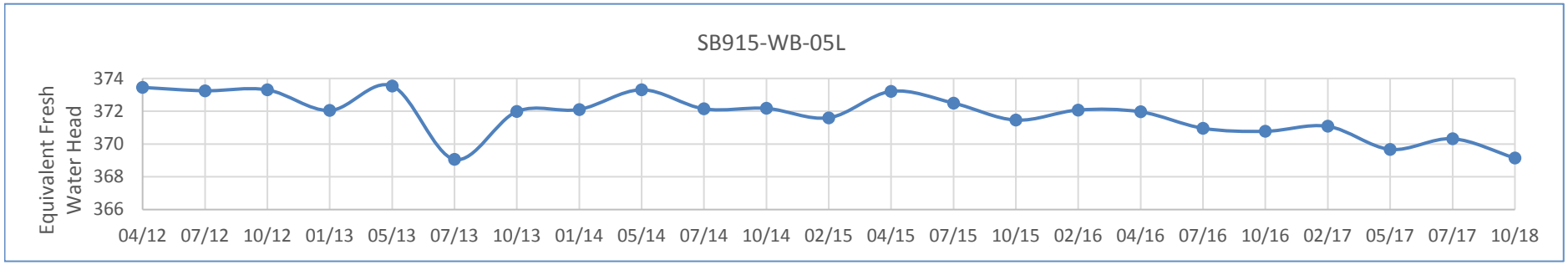

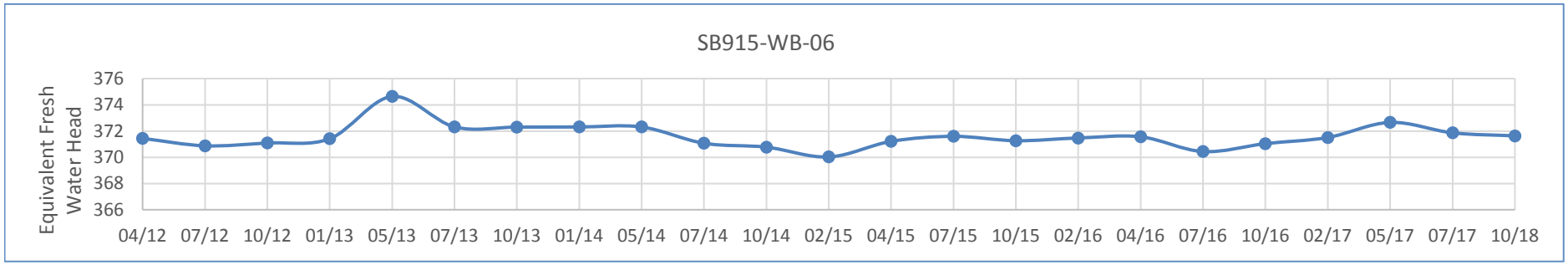

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Honeywell
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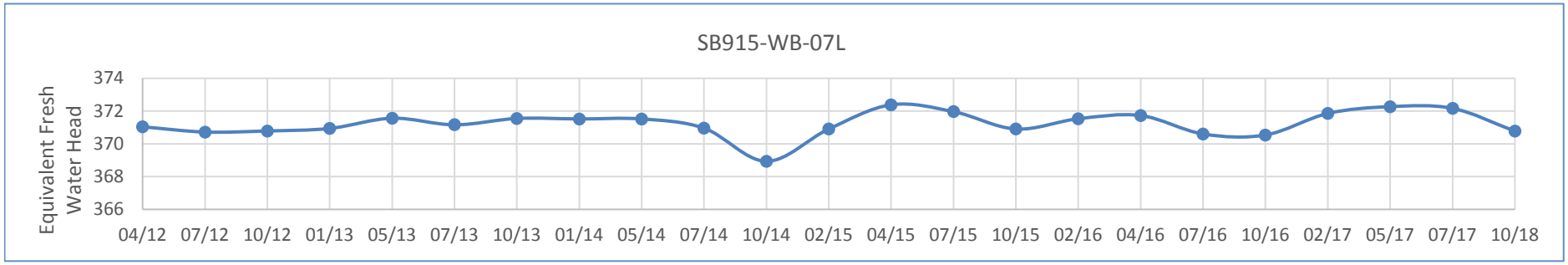

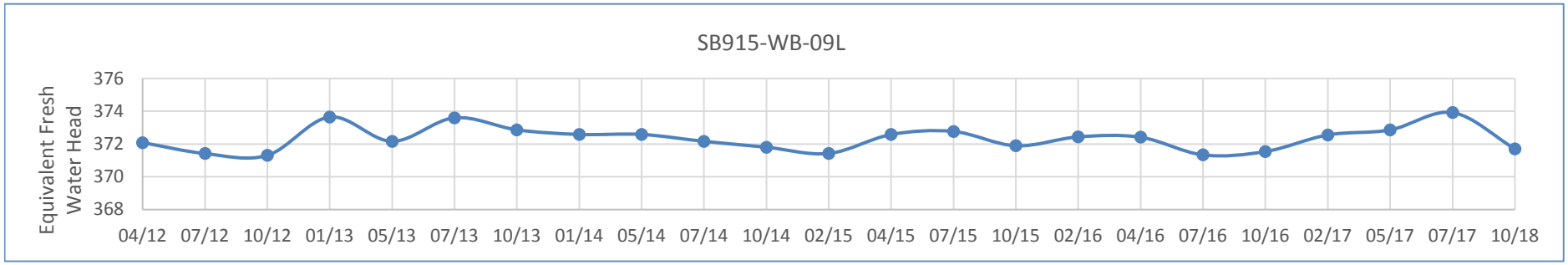

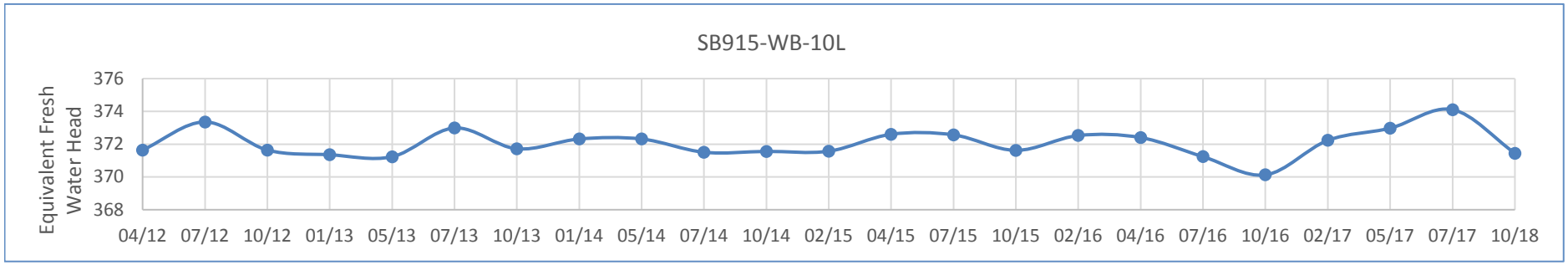

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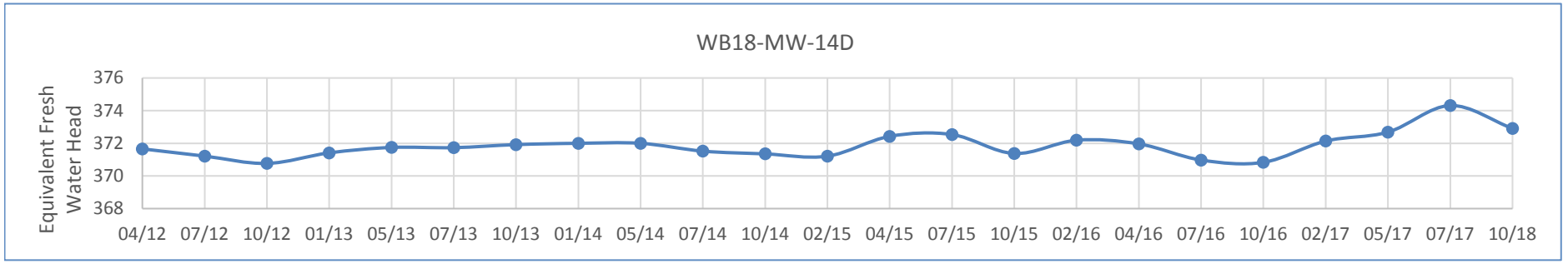
Groundwater Elevation Graph



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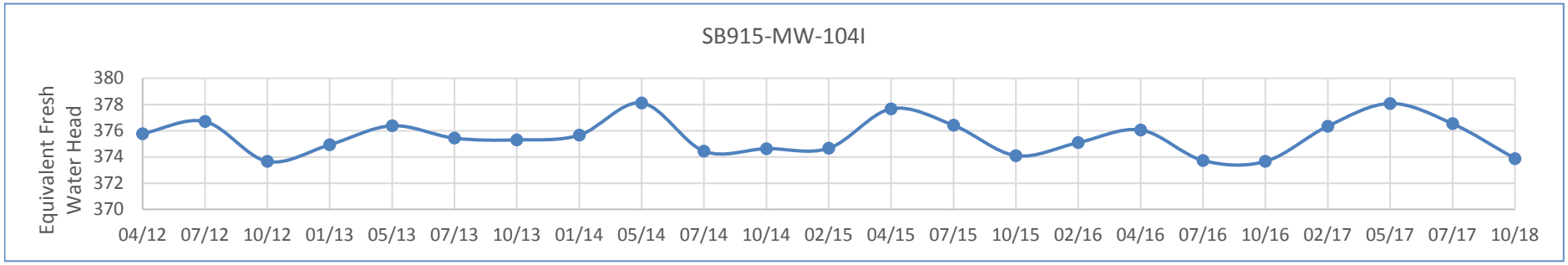
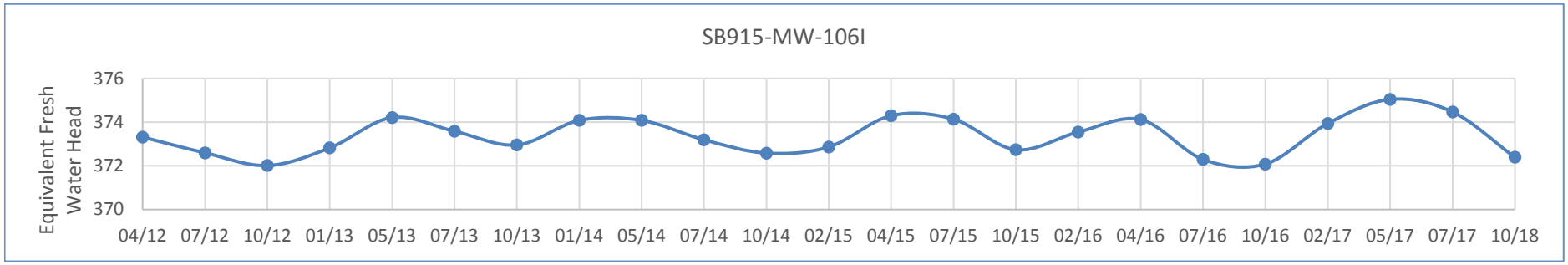
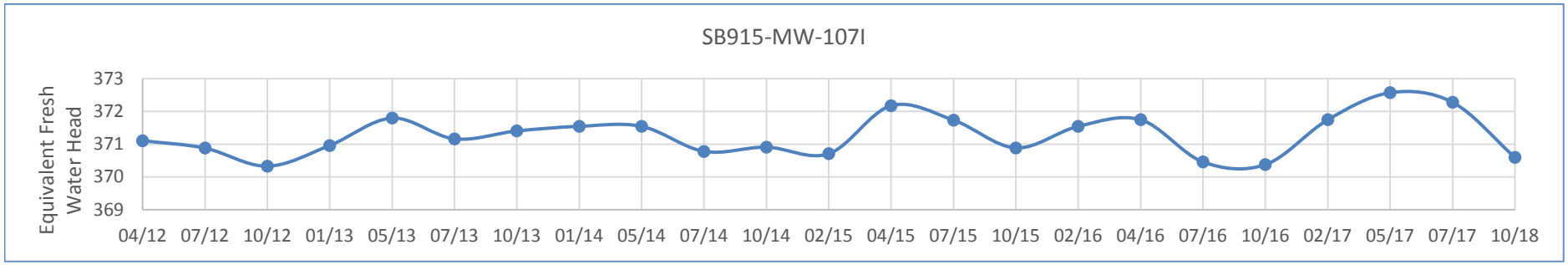
Groundwater Elevation Graph







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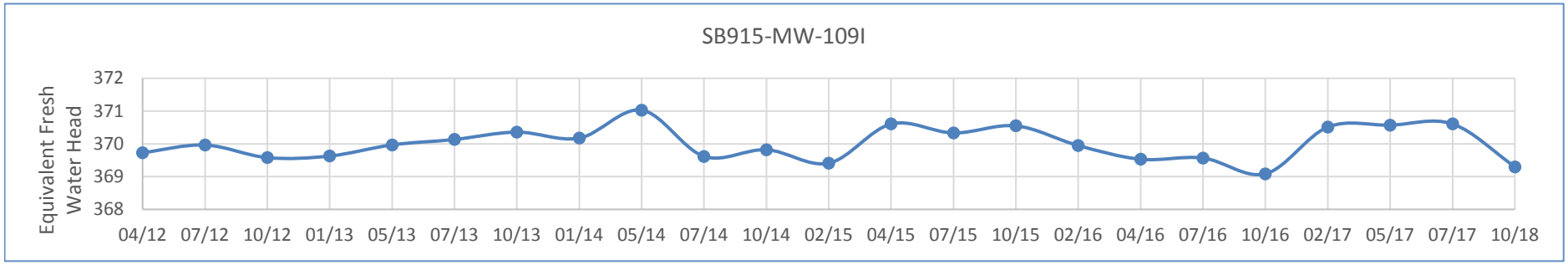

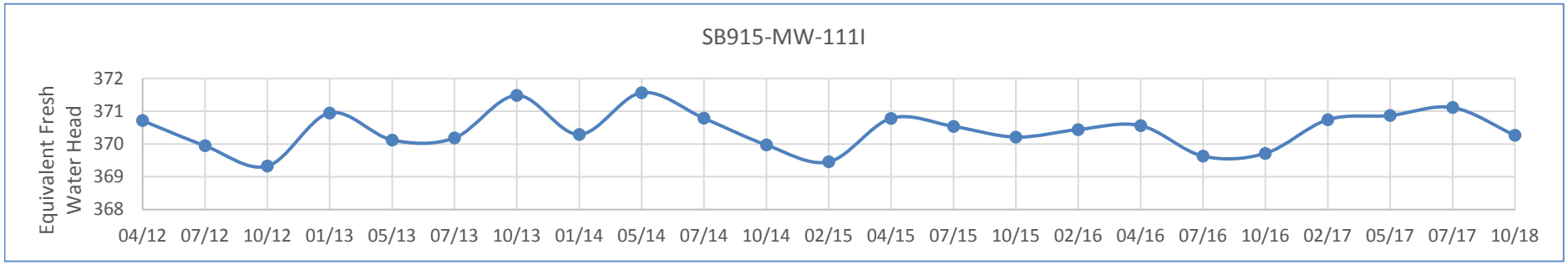

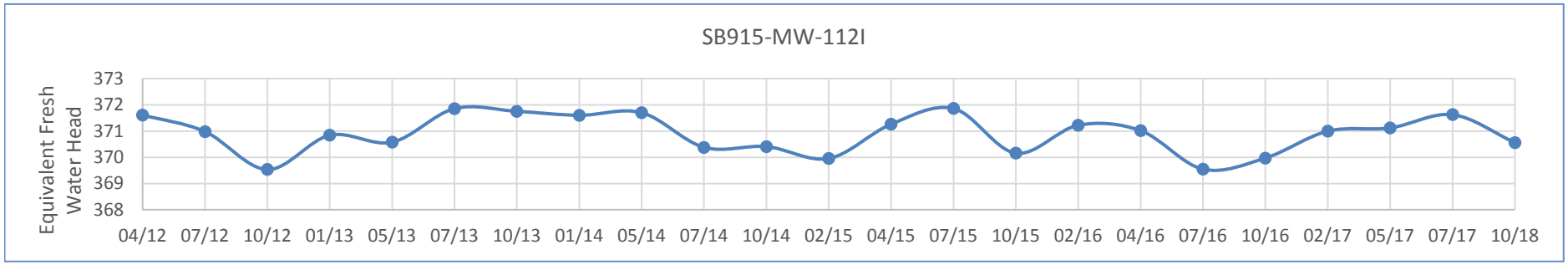

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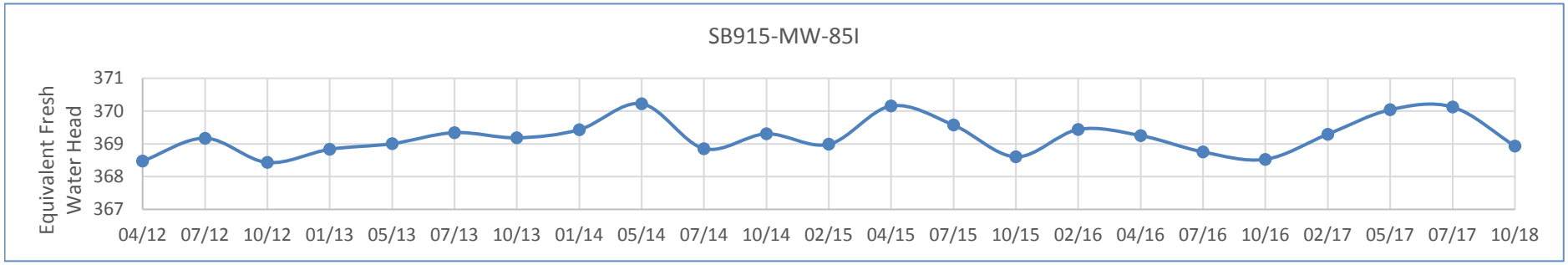

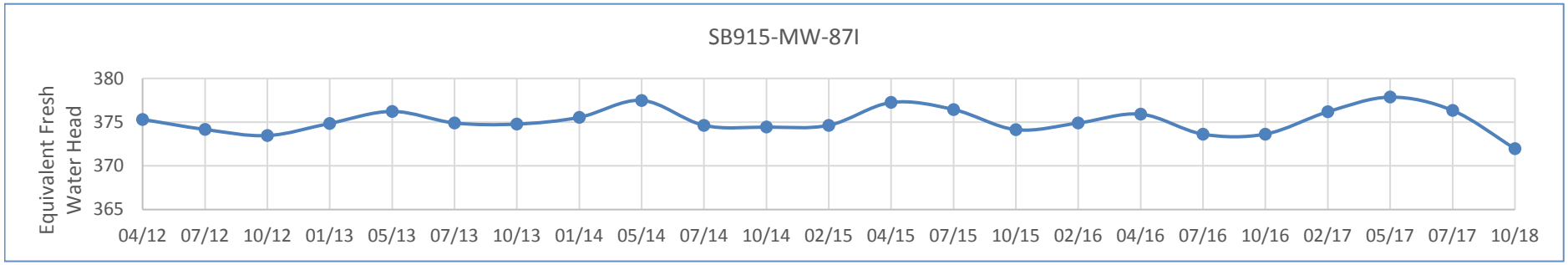

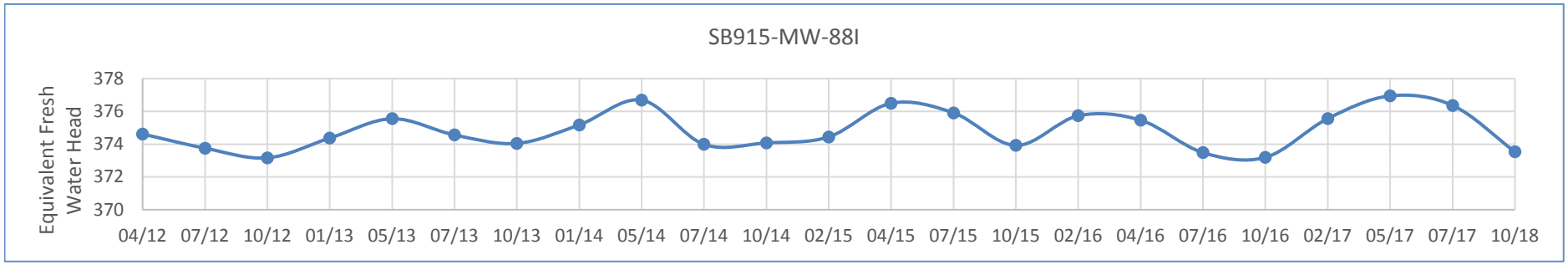

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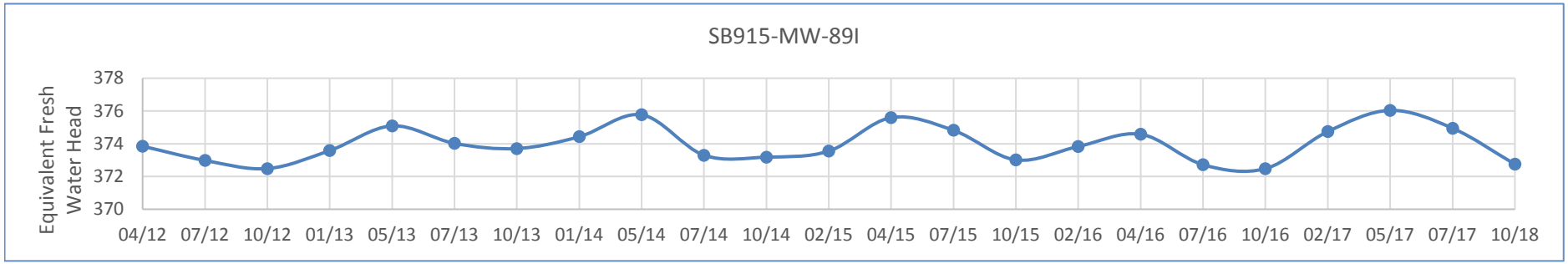

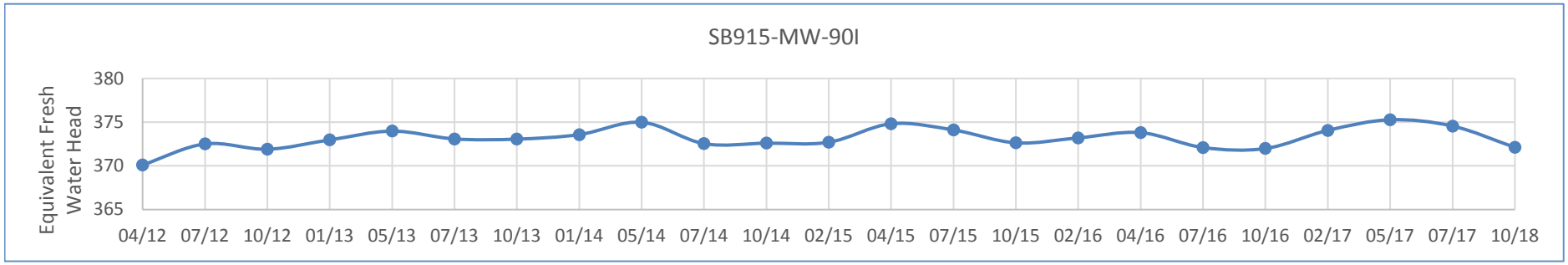

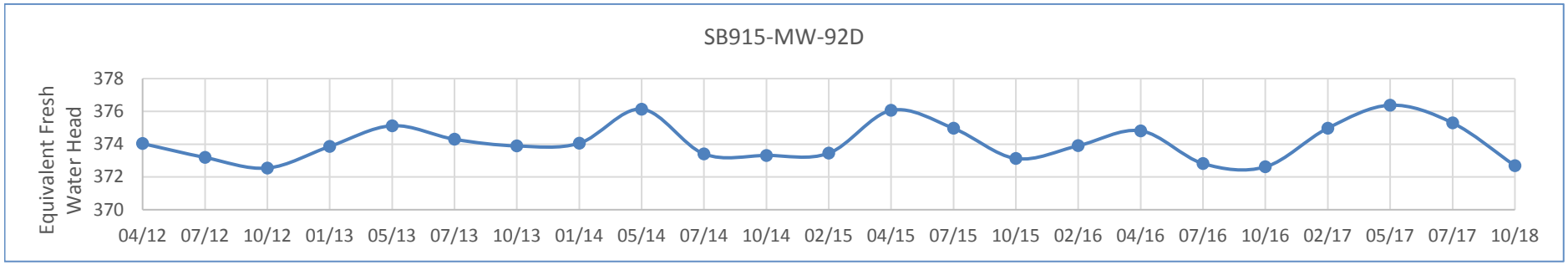

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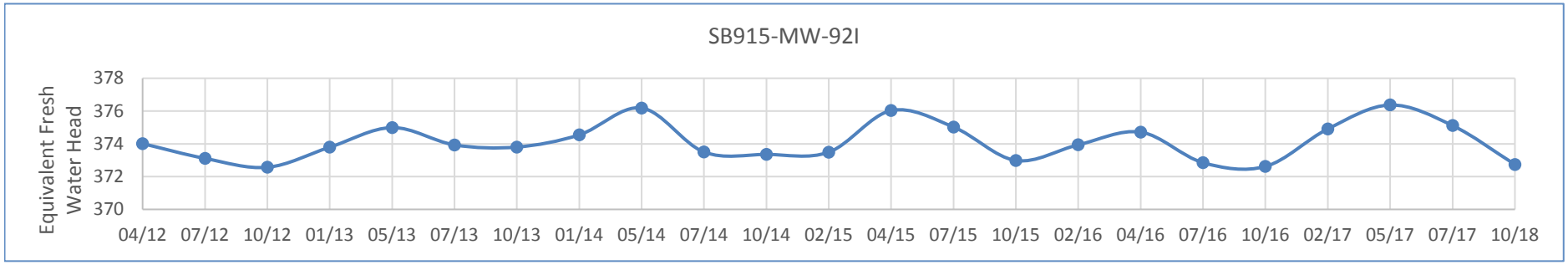

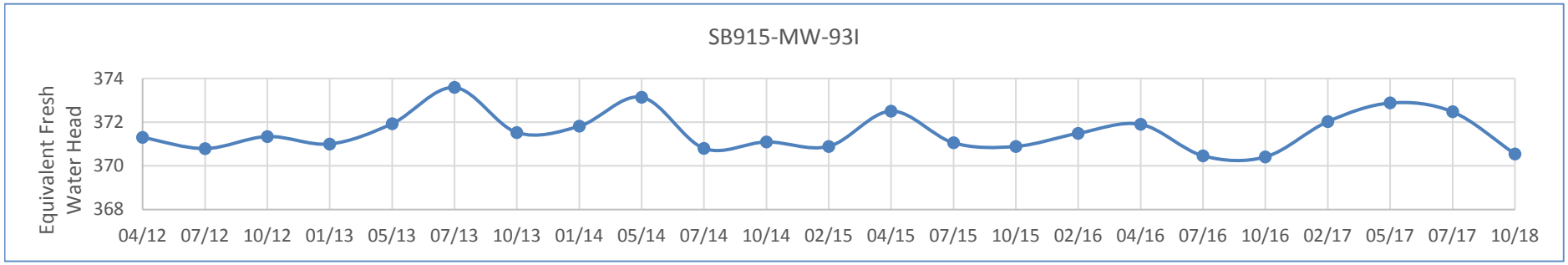

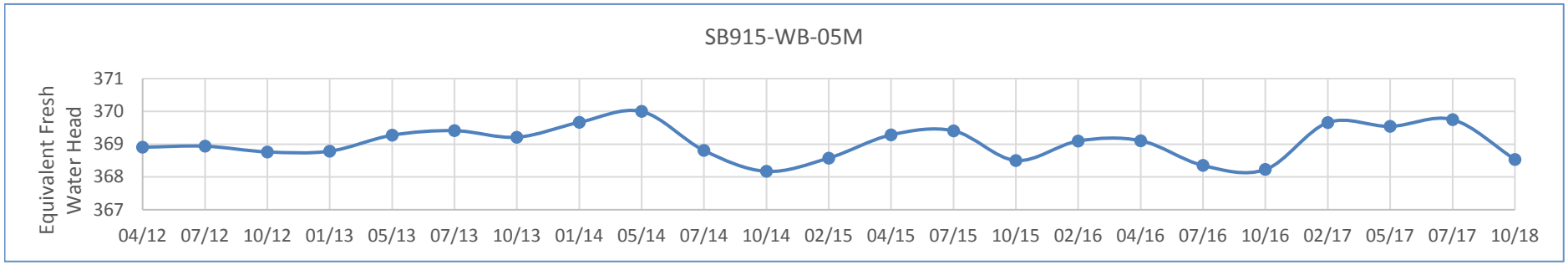

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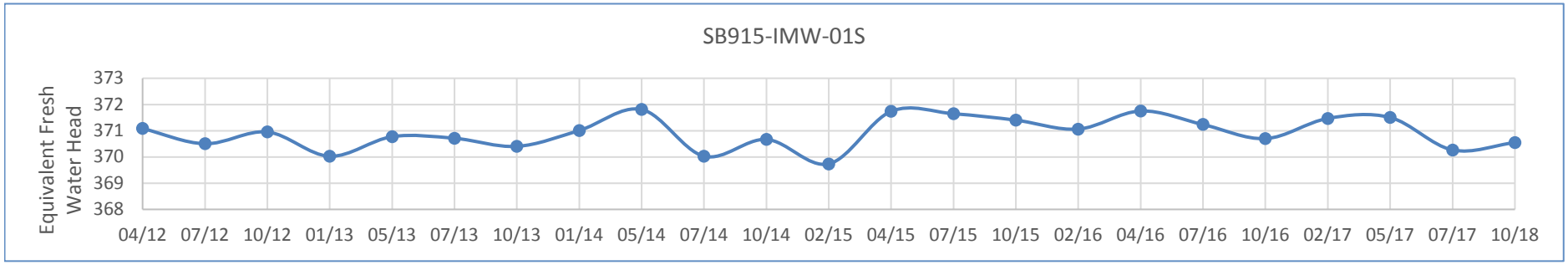

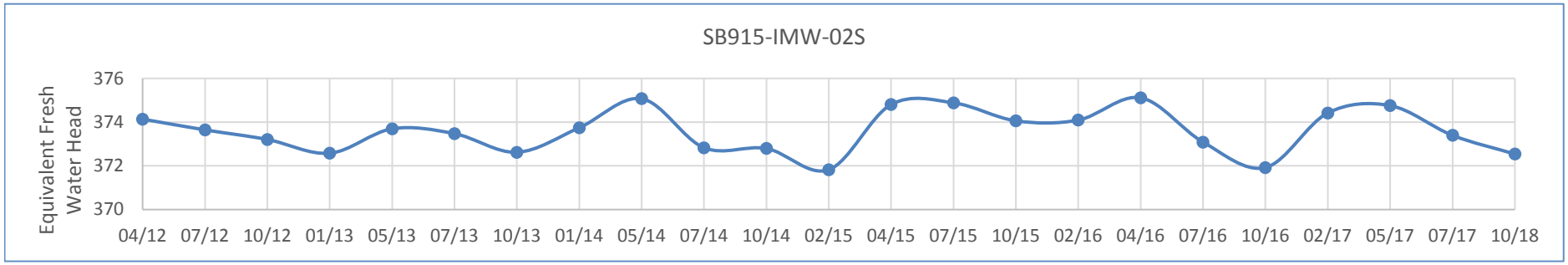

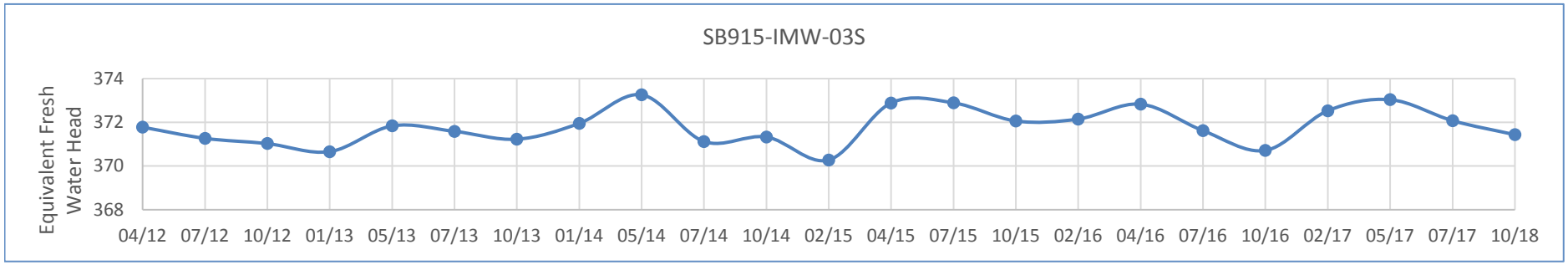

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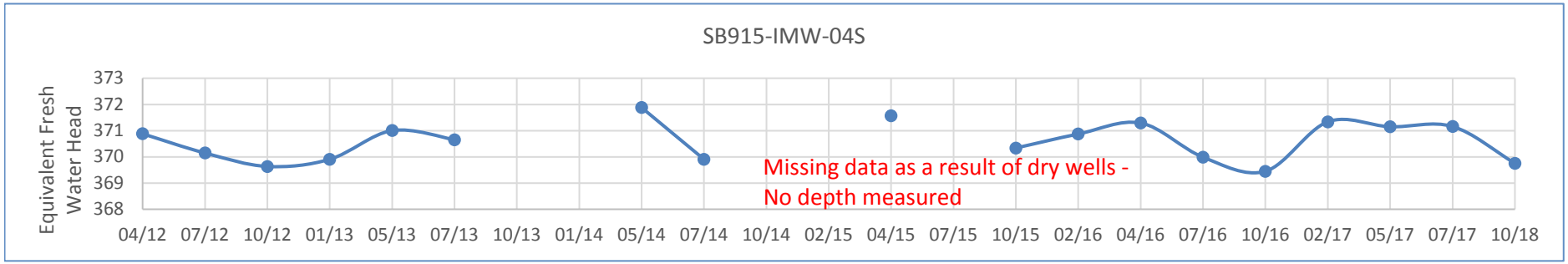

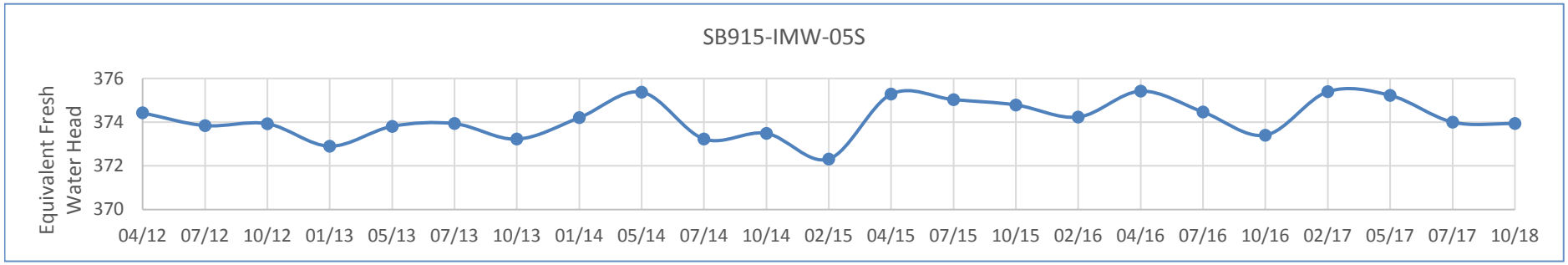

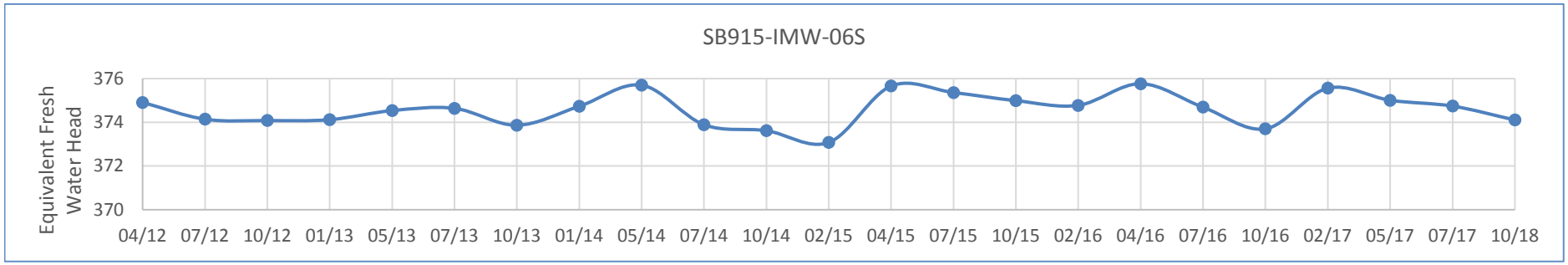

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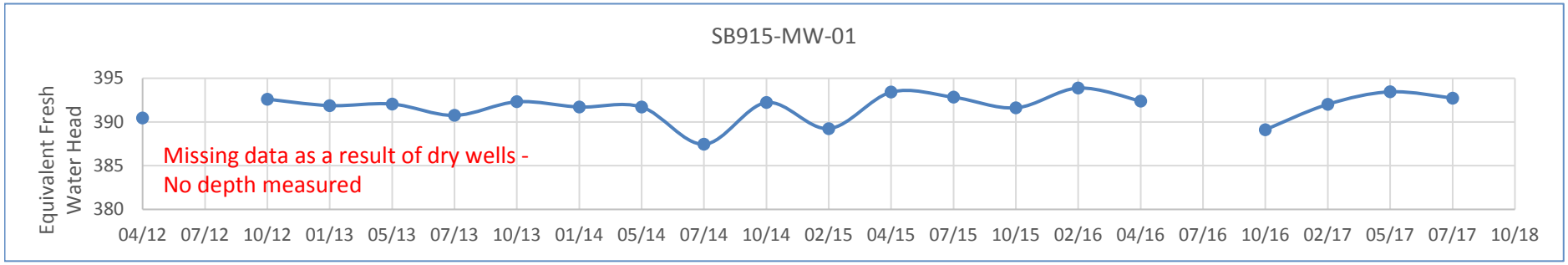

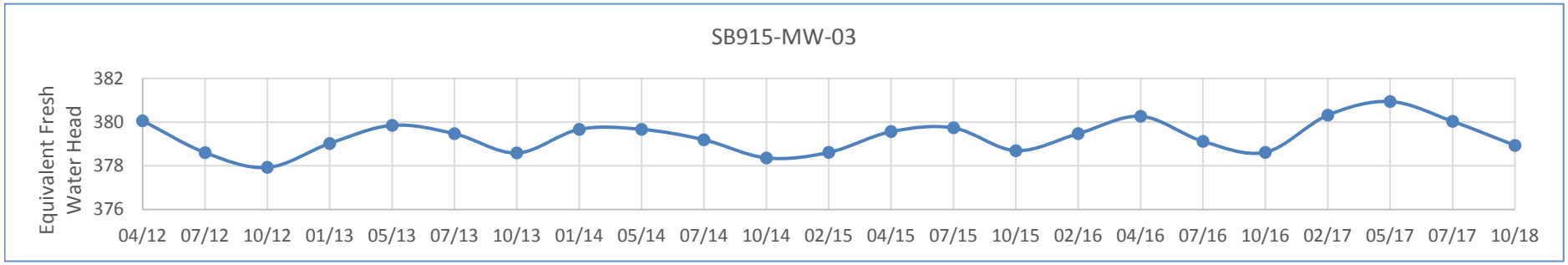

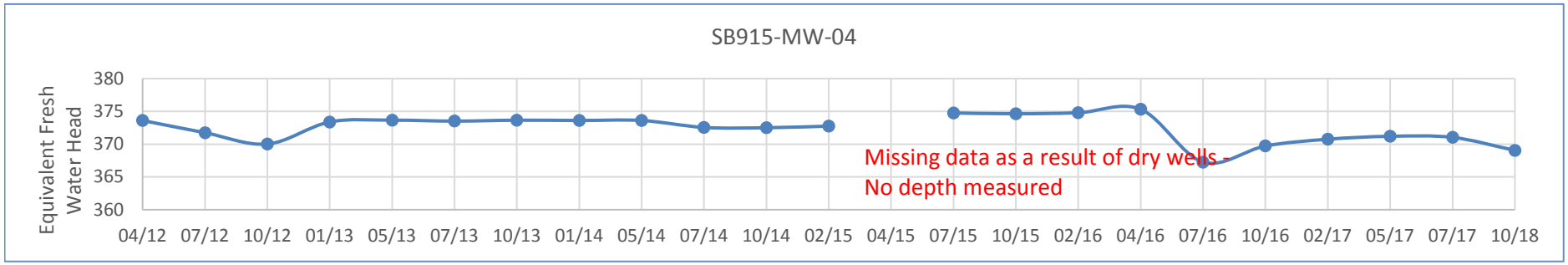

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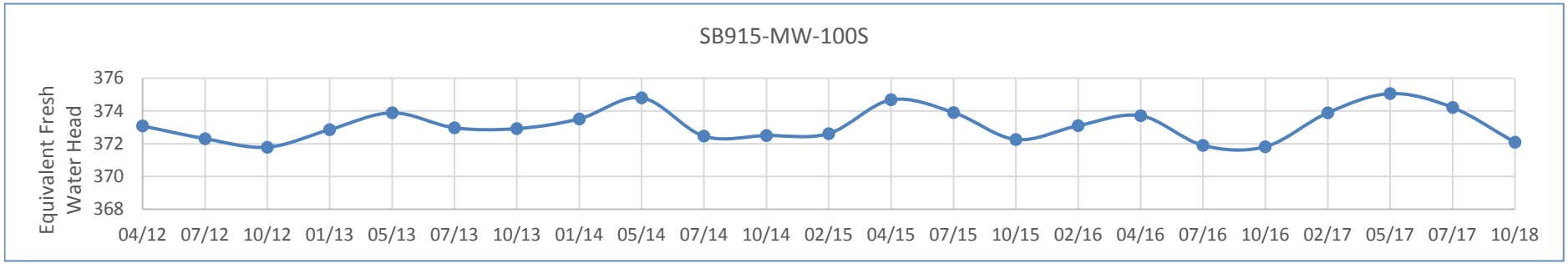

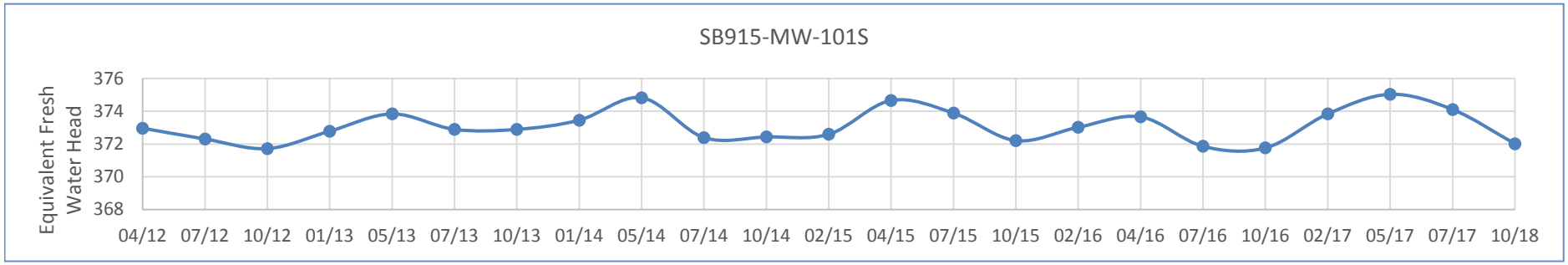

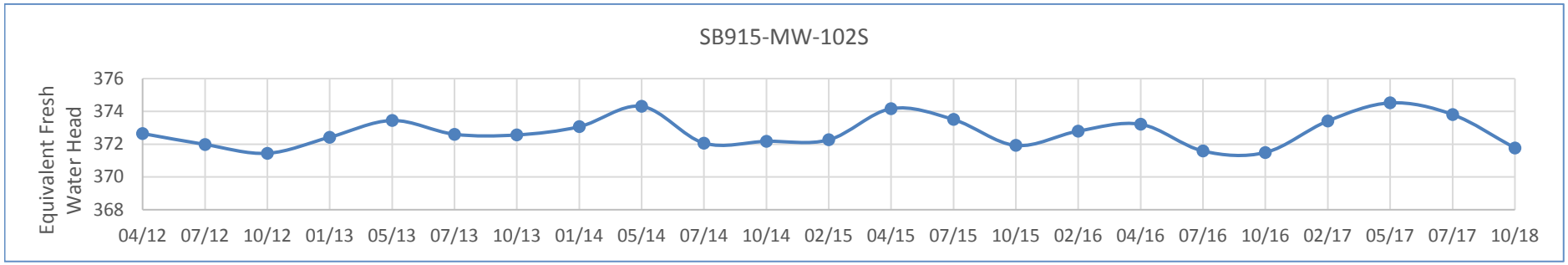

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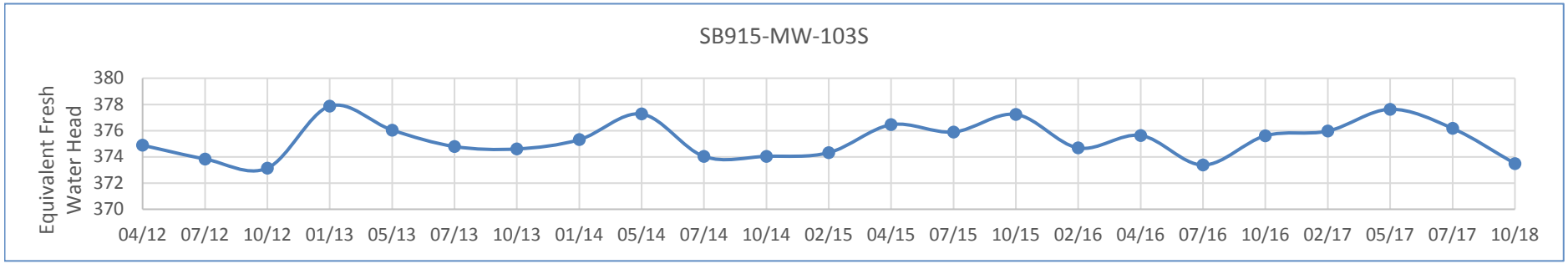

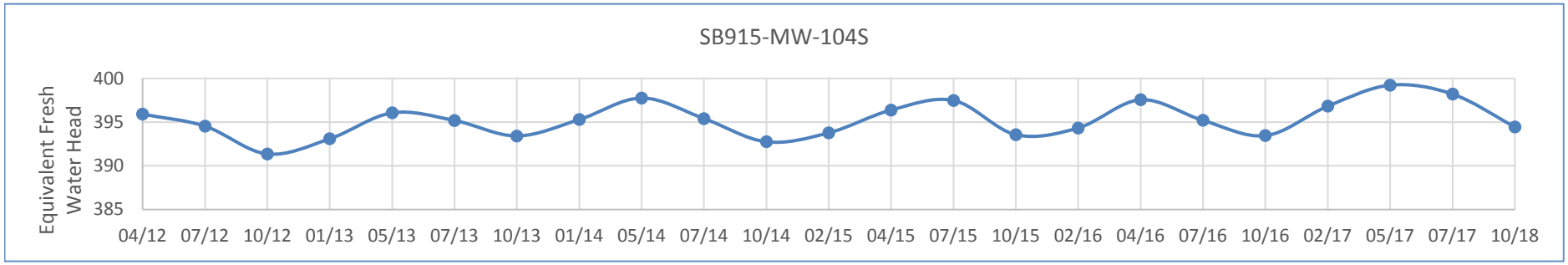

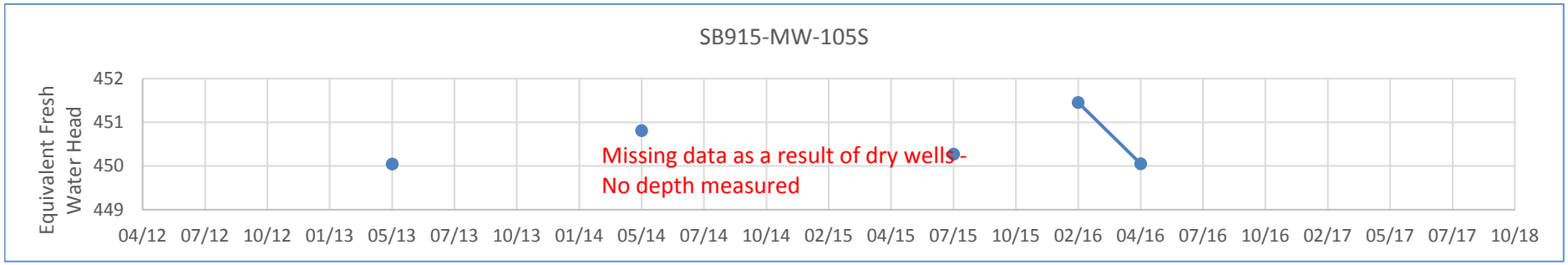

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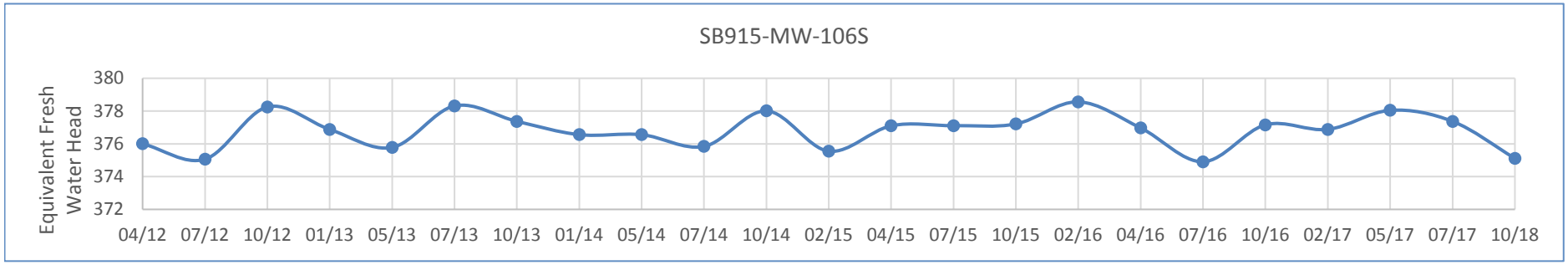

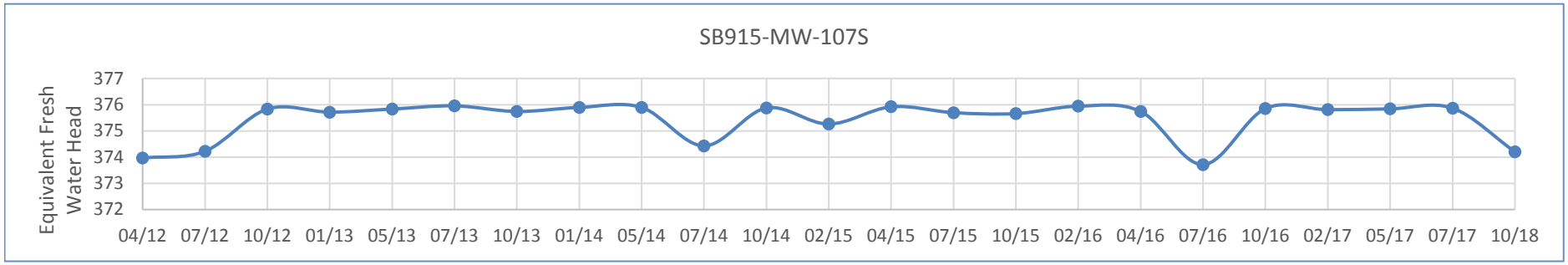

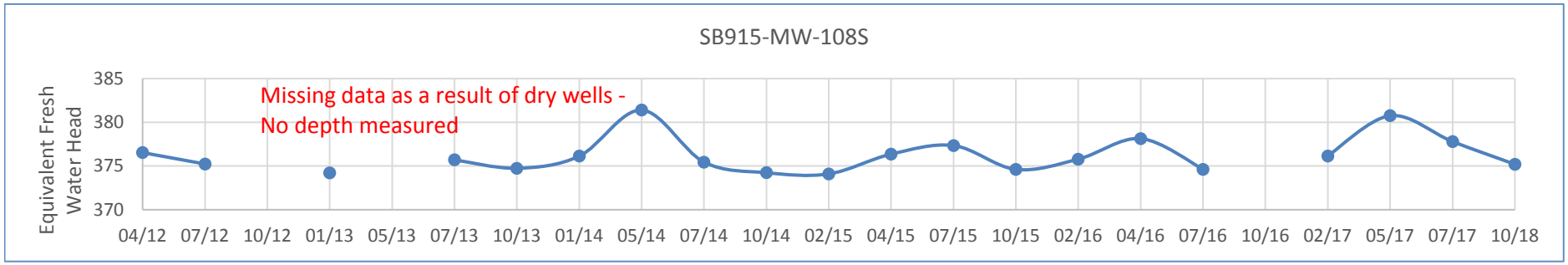

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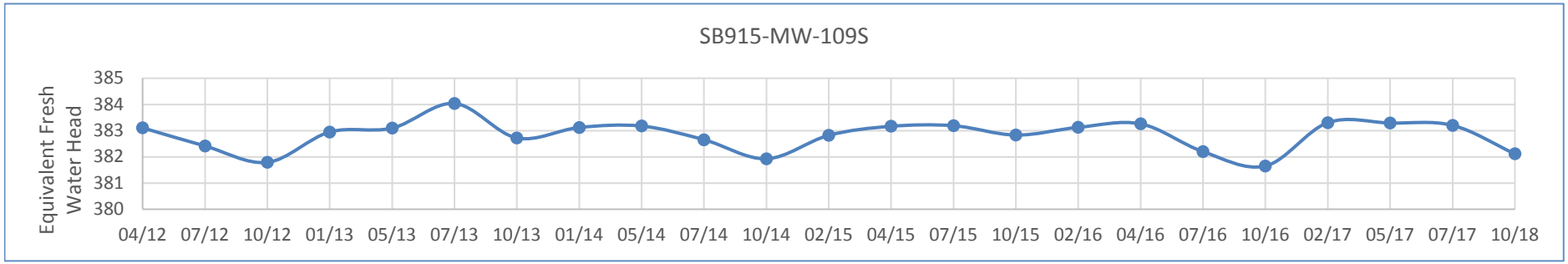

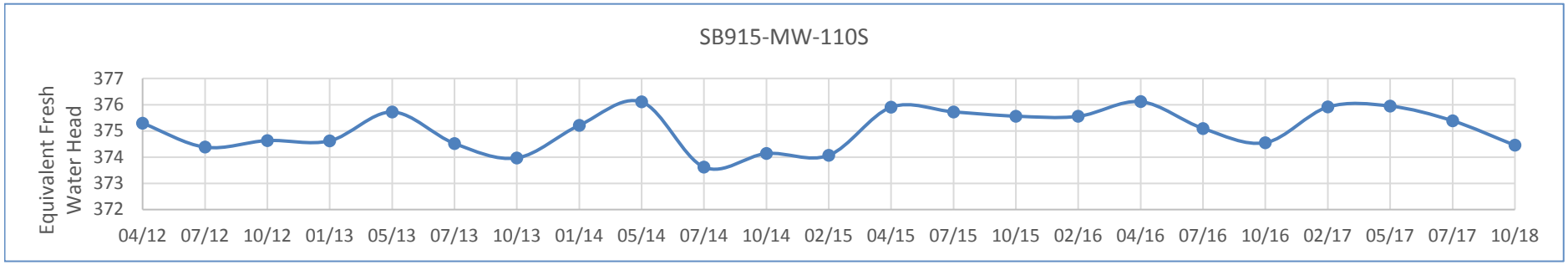

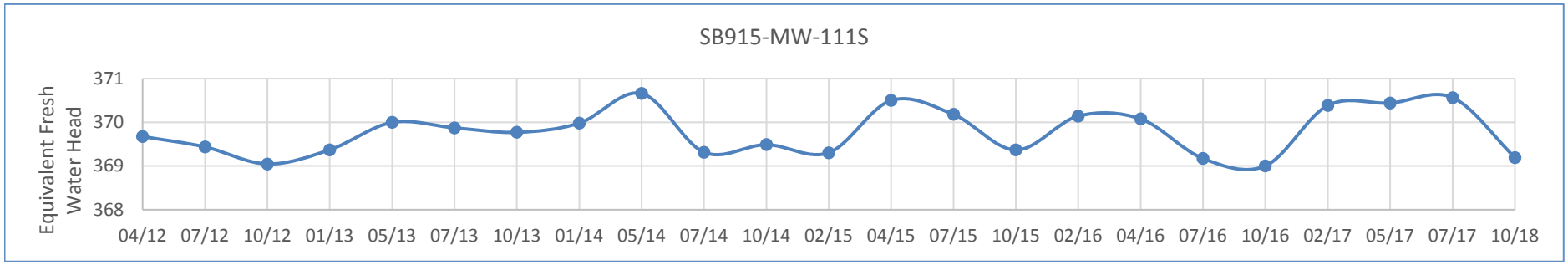

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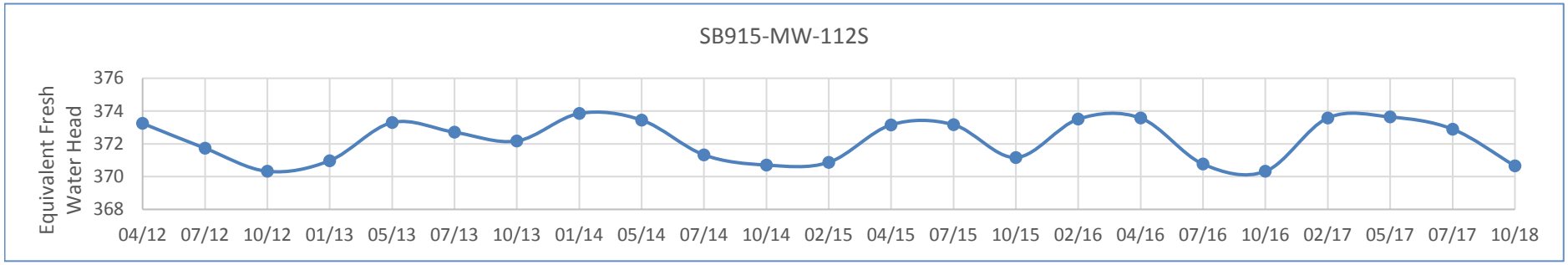

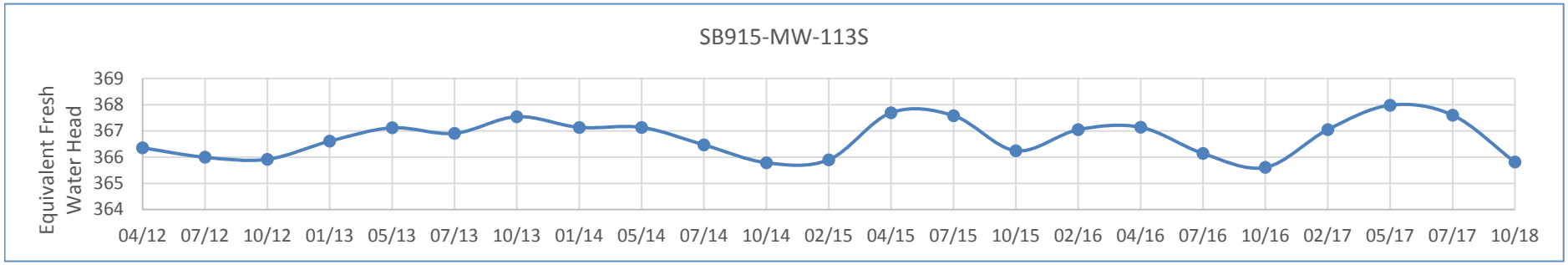

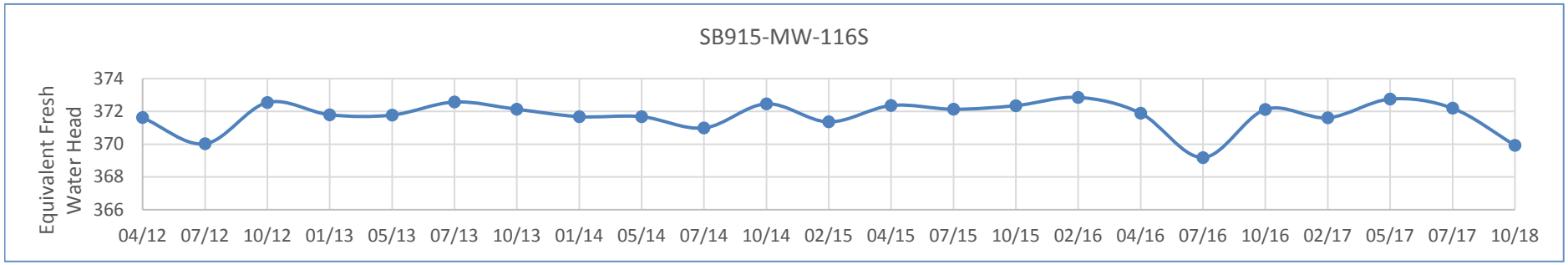

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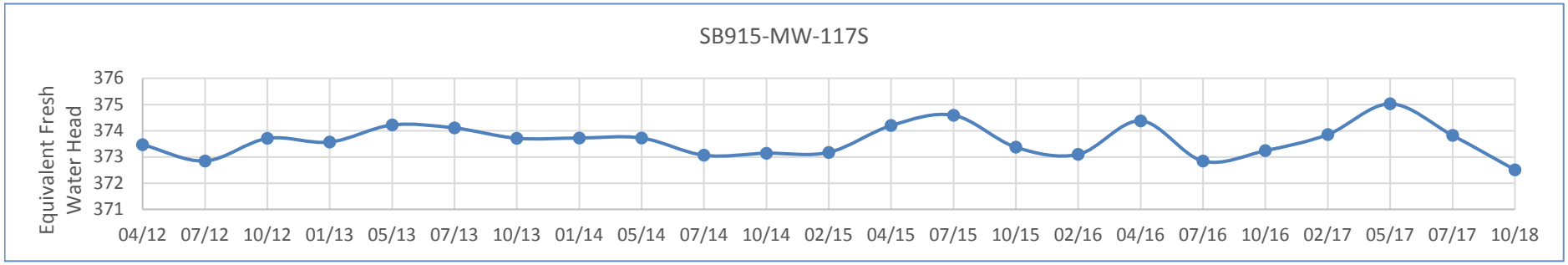

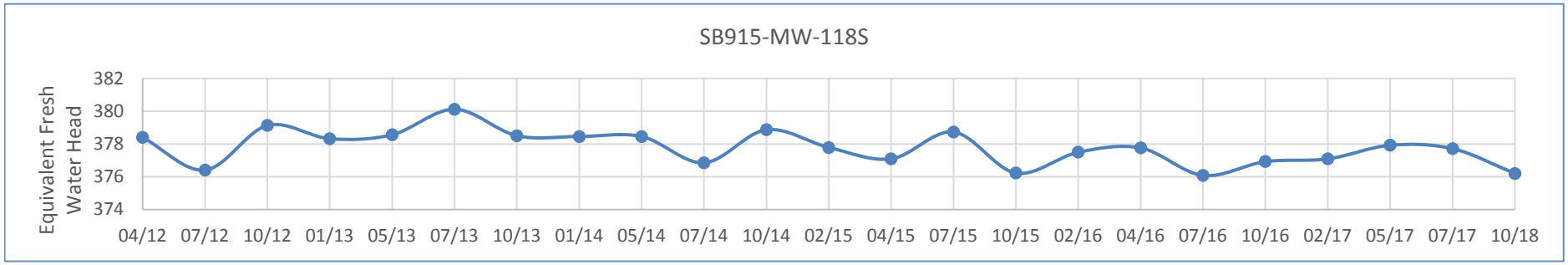

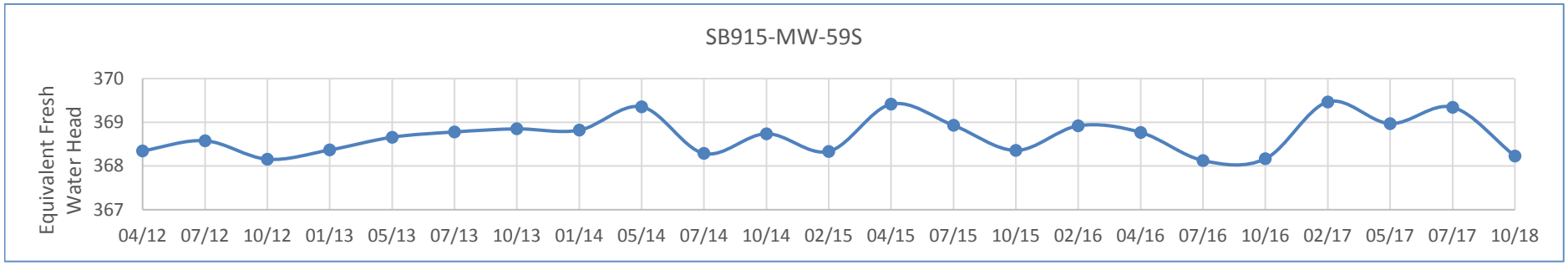

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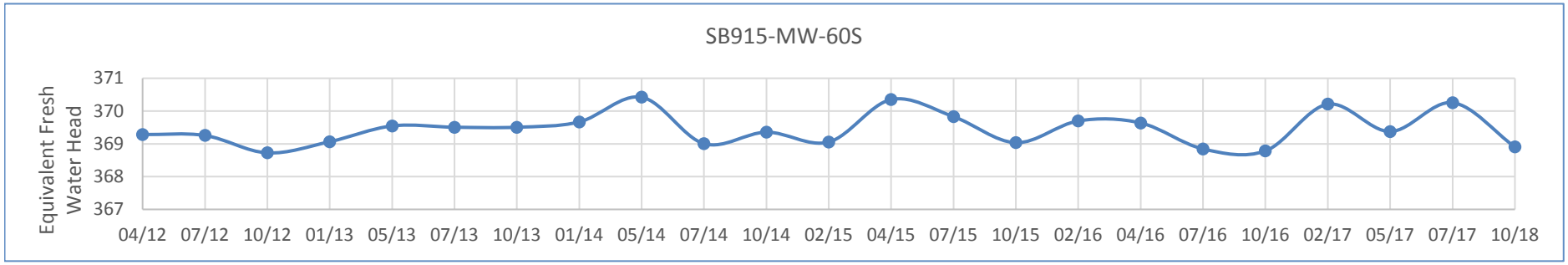

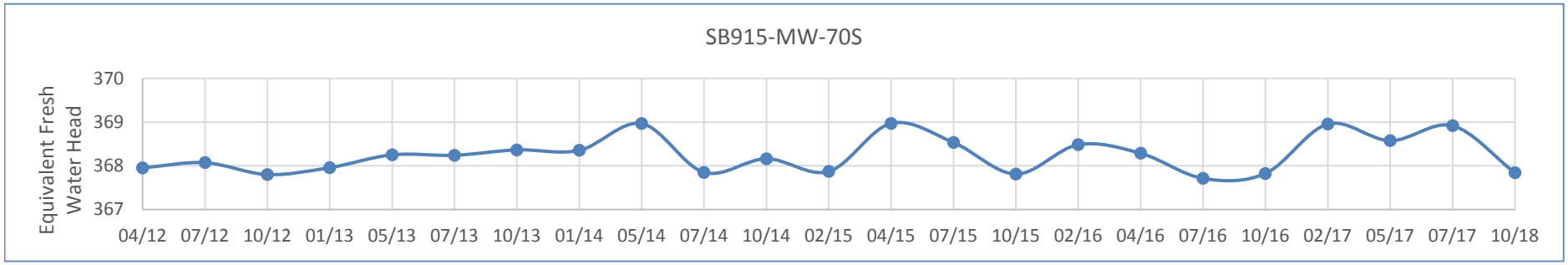

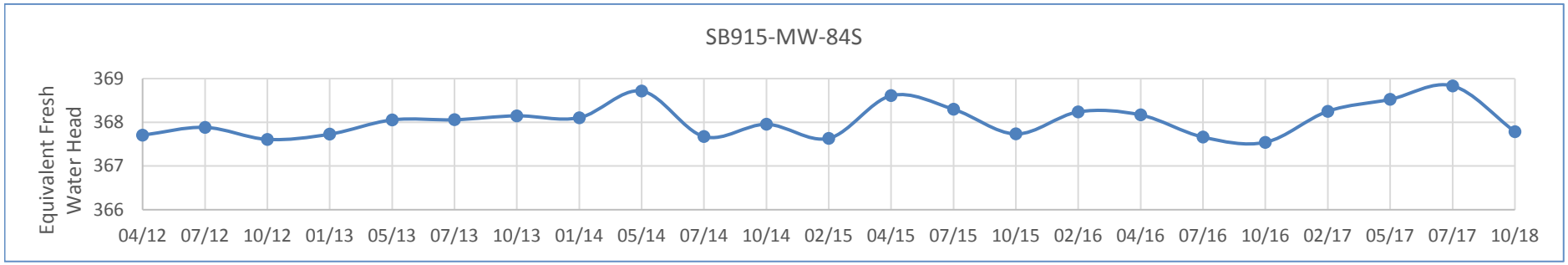

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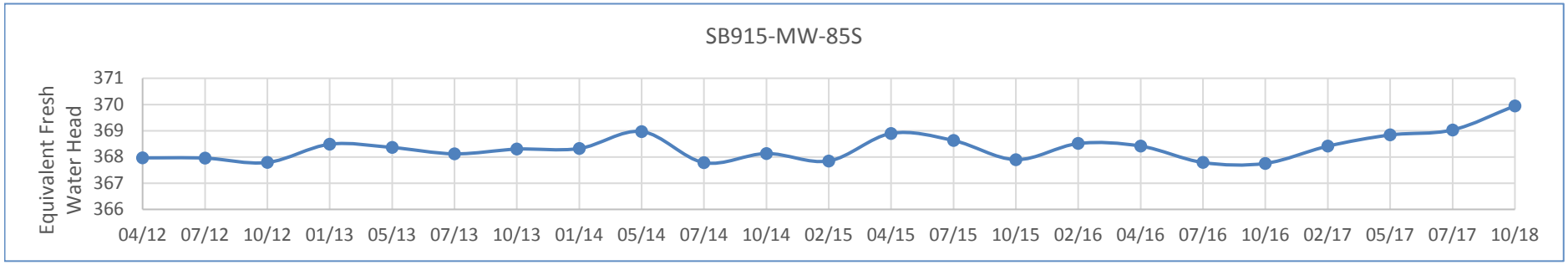

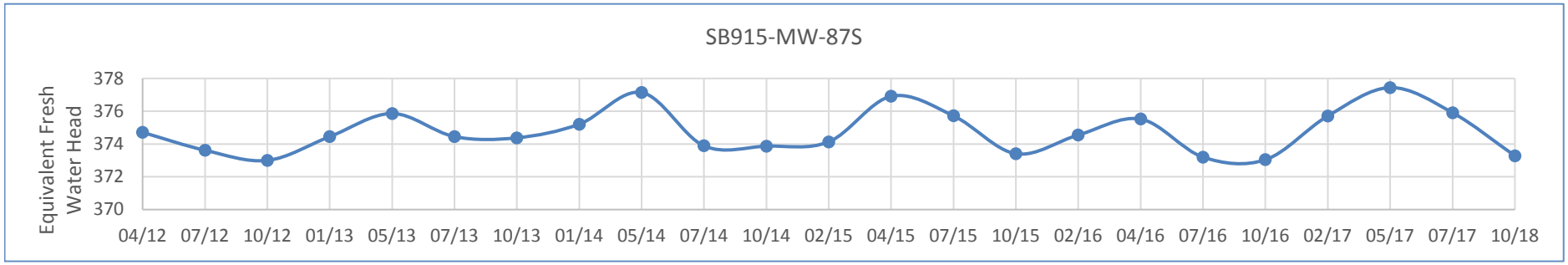

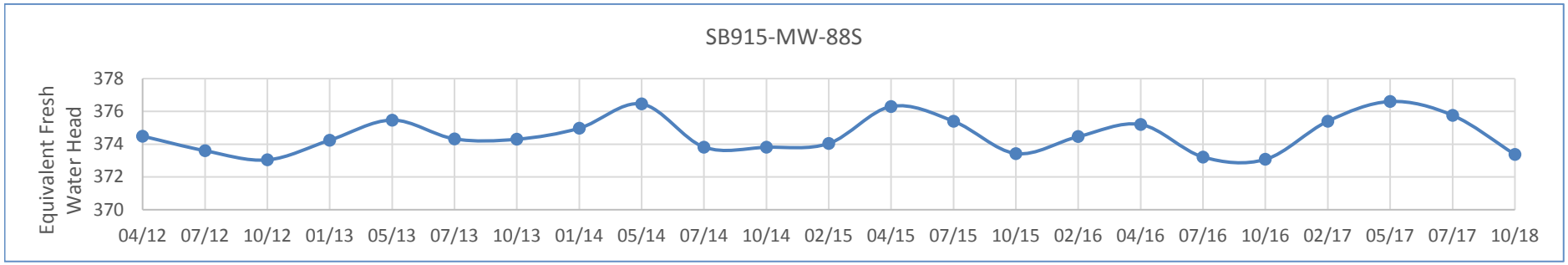

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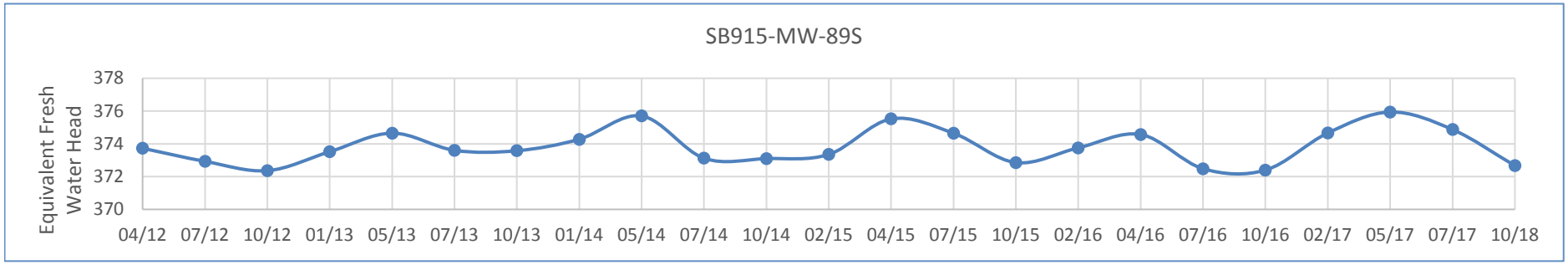

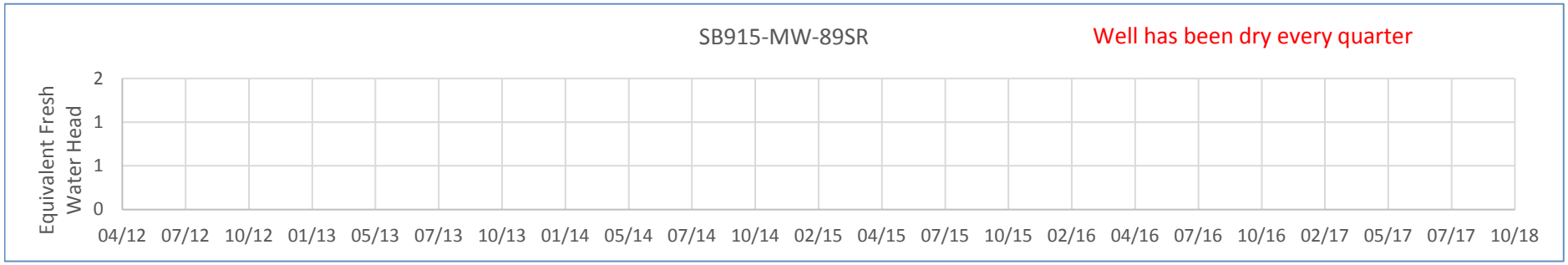

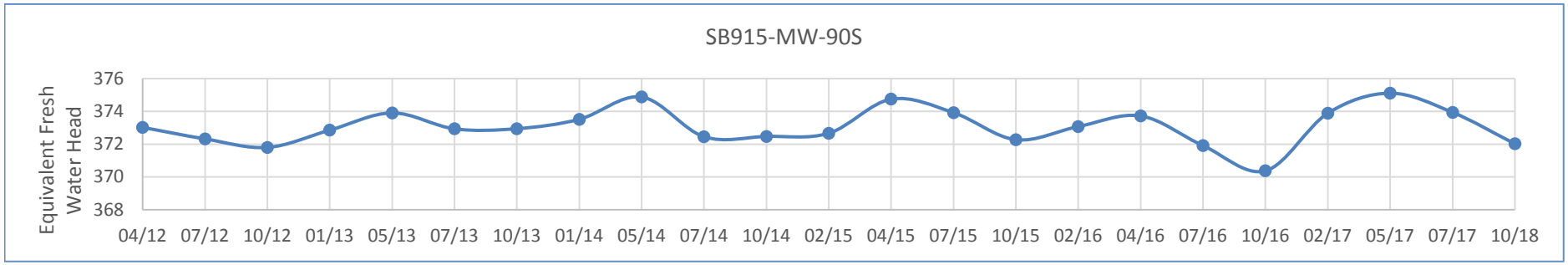

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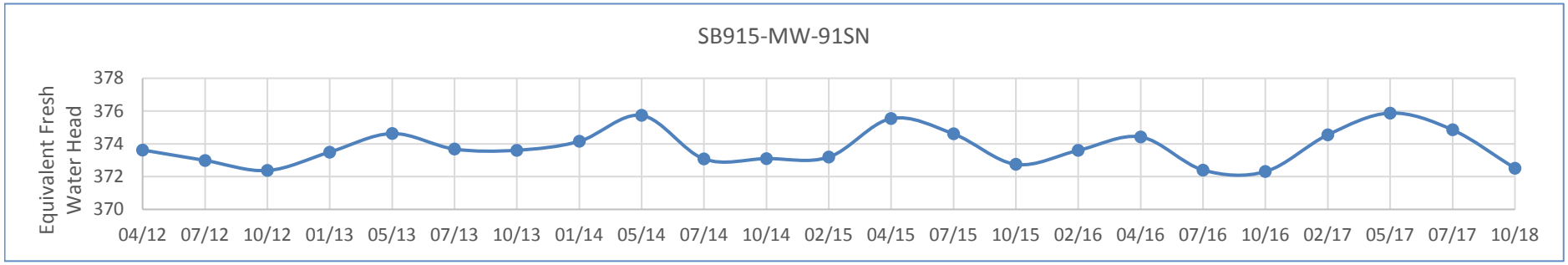

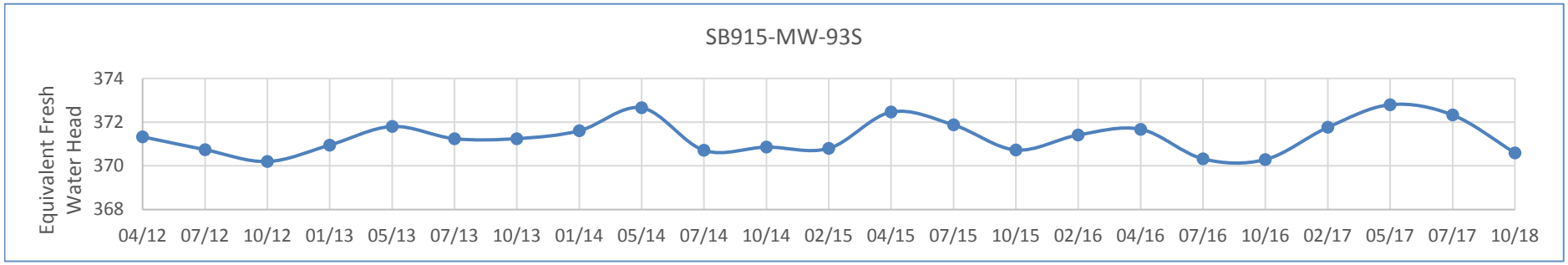

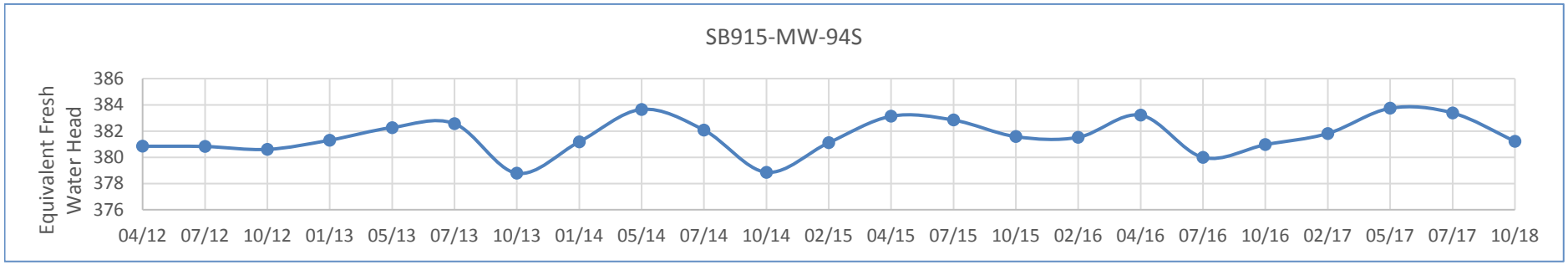

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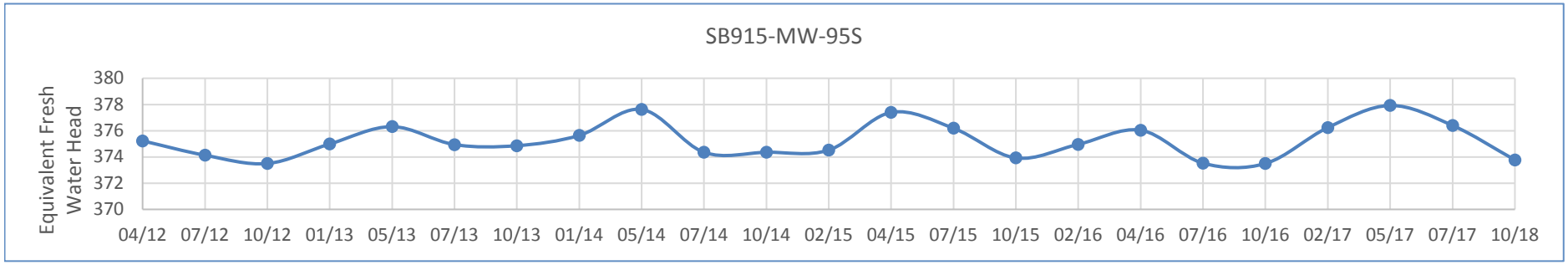
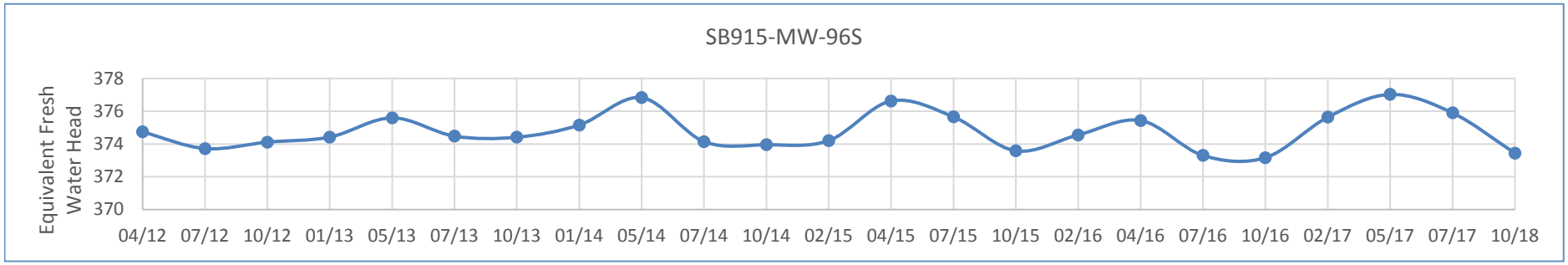
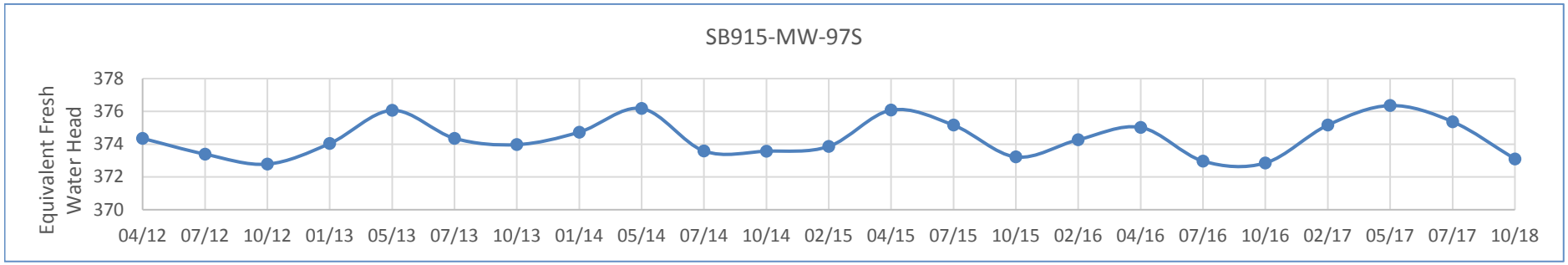
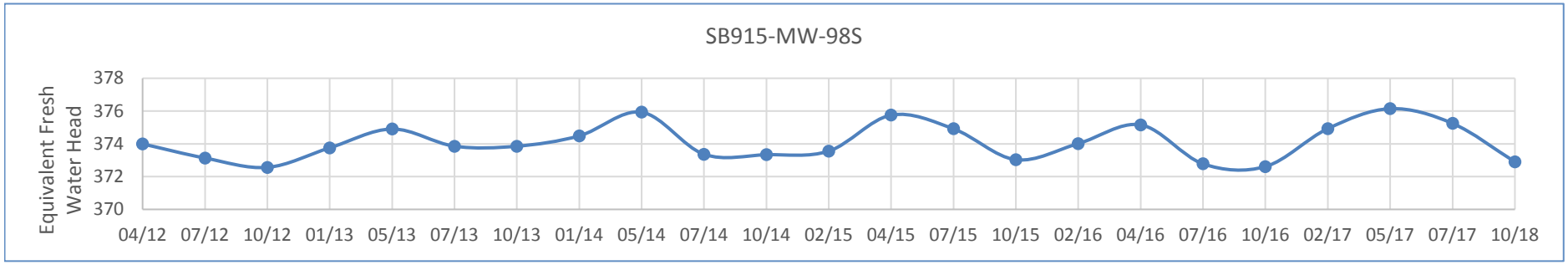
Surface Water Elevation Graph

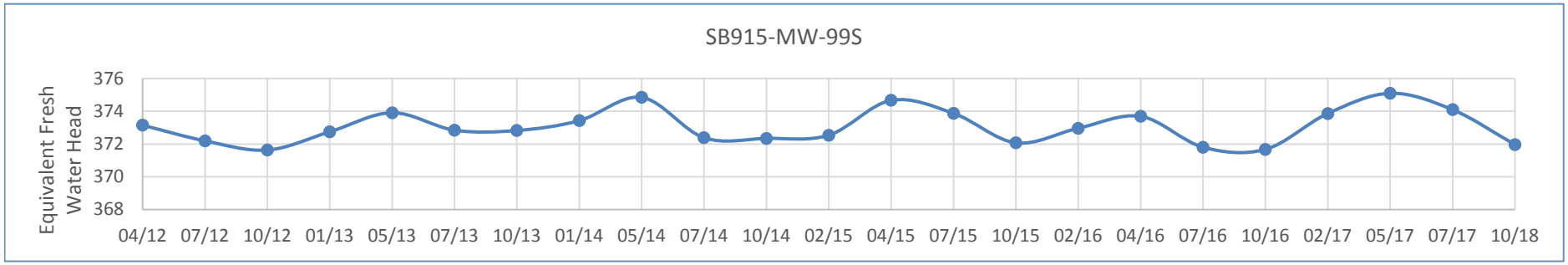


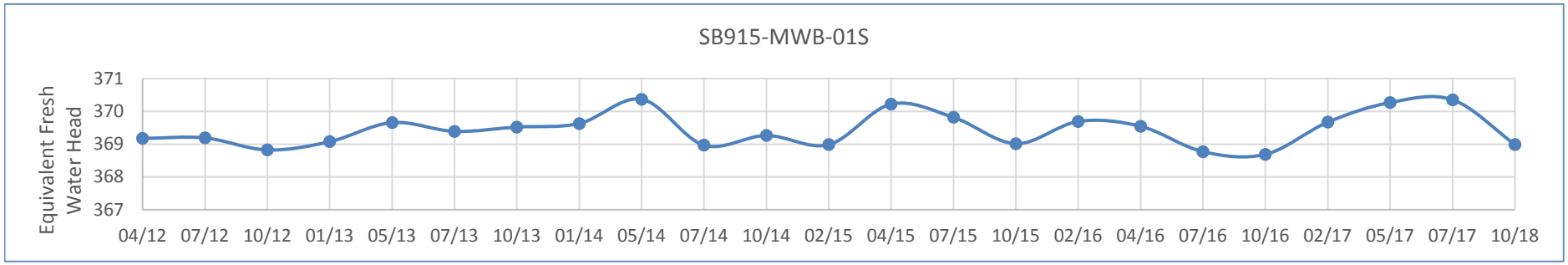




Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph







Appendix A
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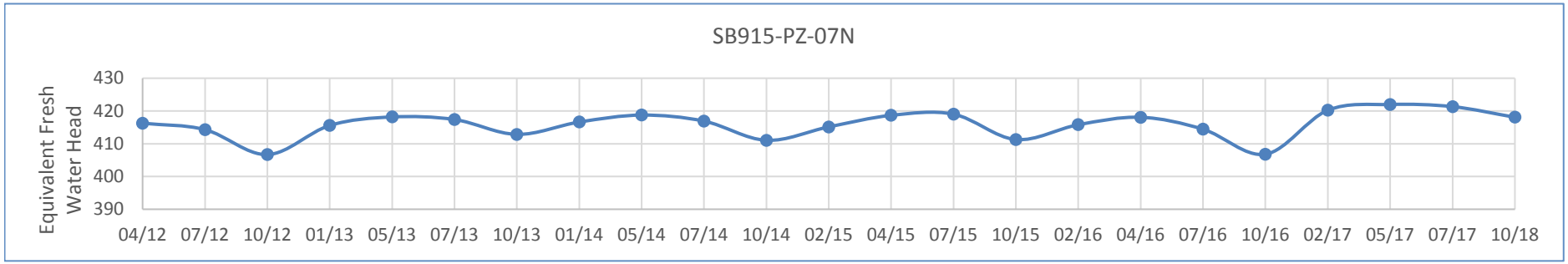

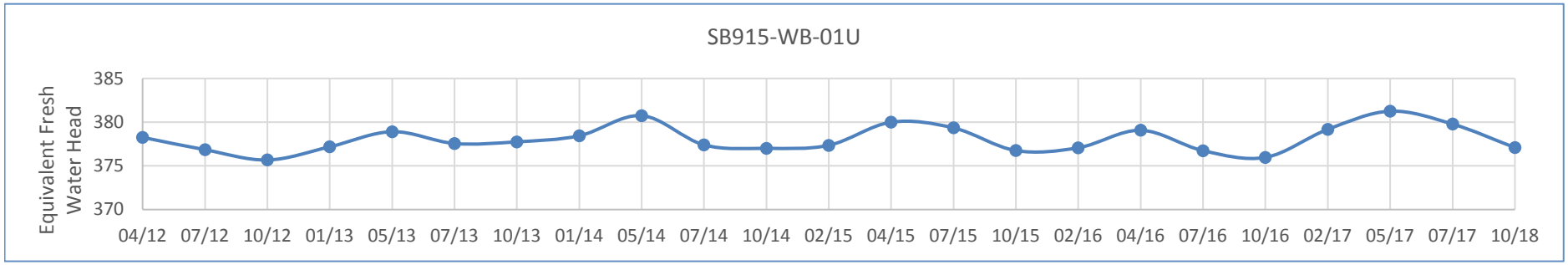

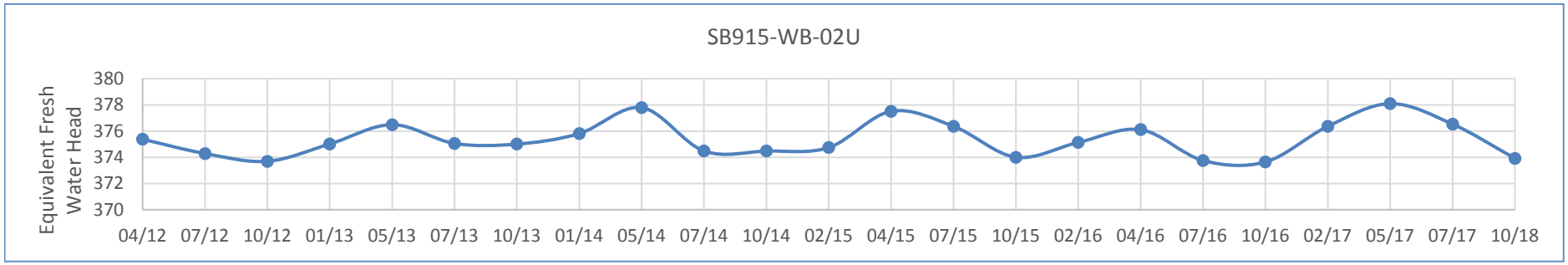

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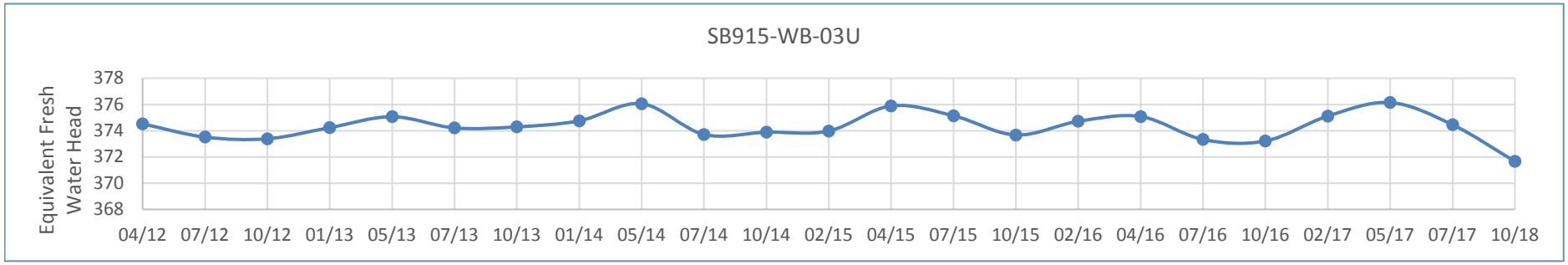
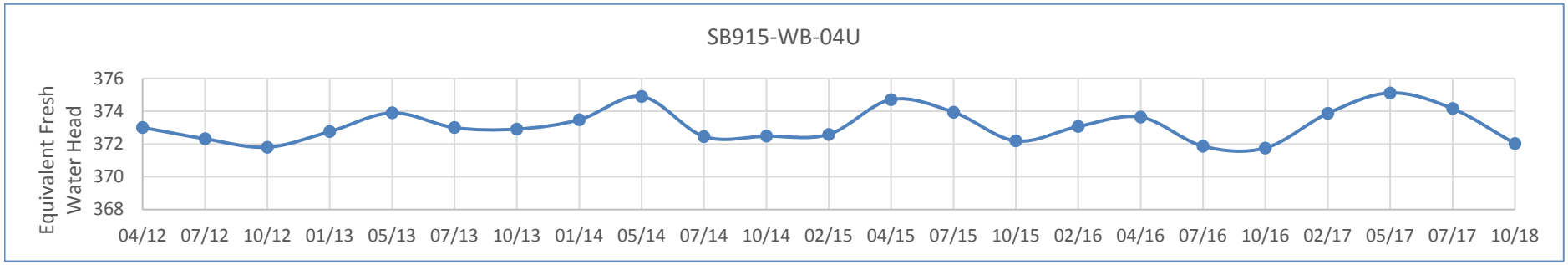
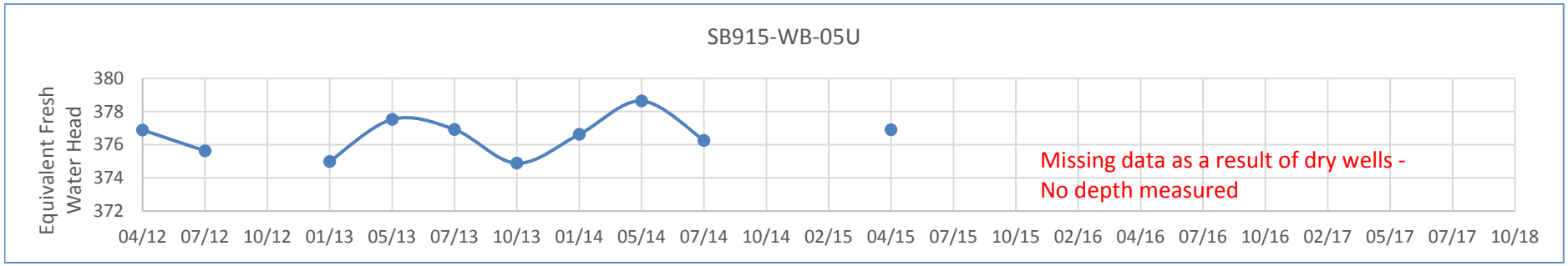
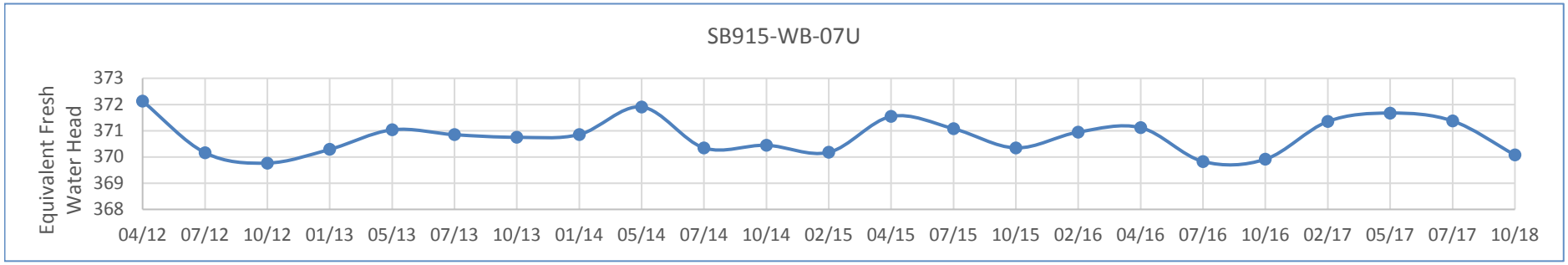
Surface Water Elevation Graph

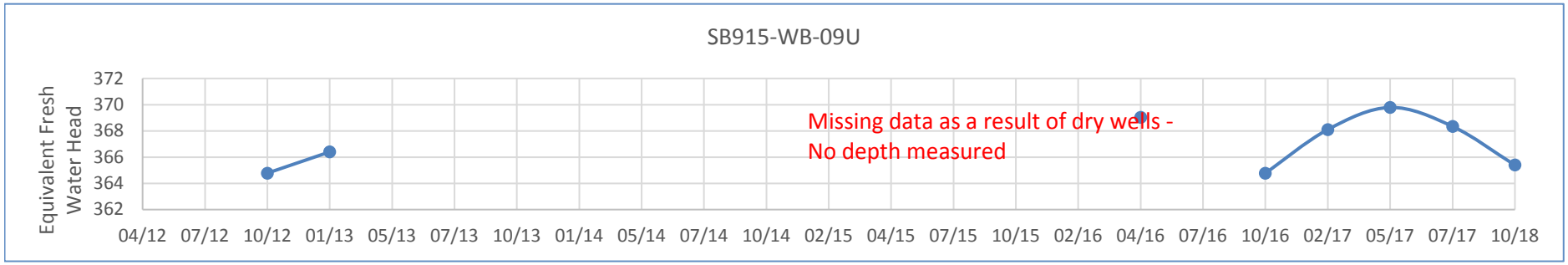


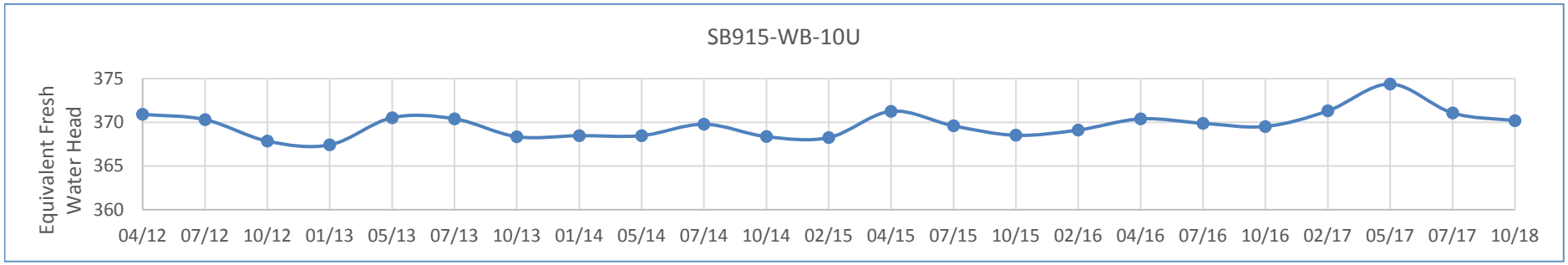




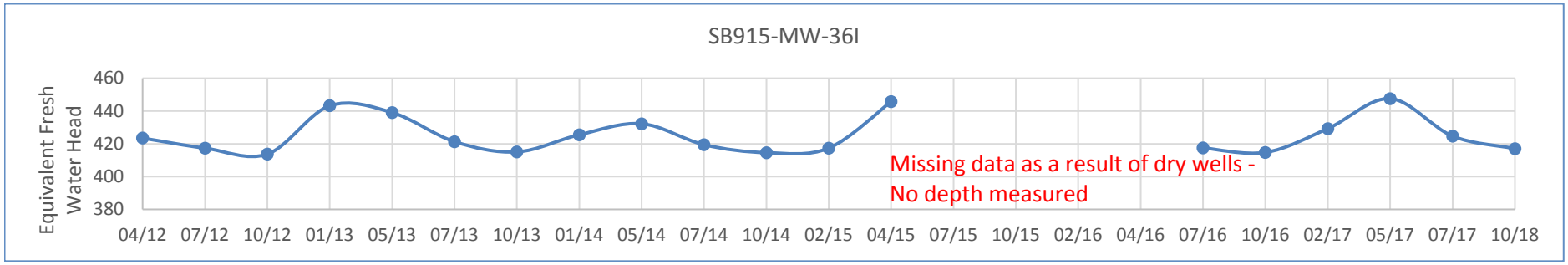
Appendix A
Honeywell
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph

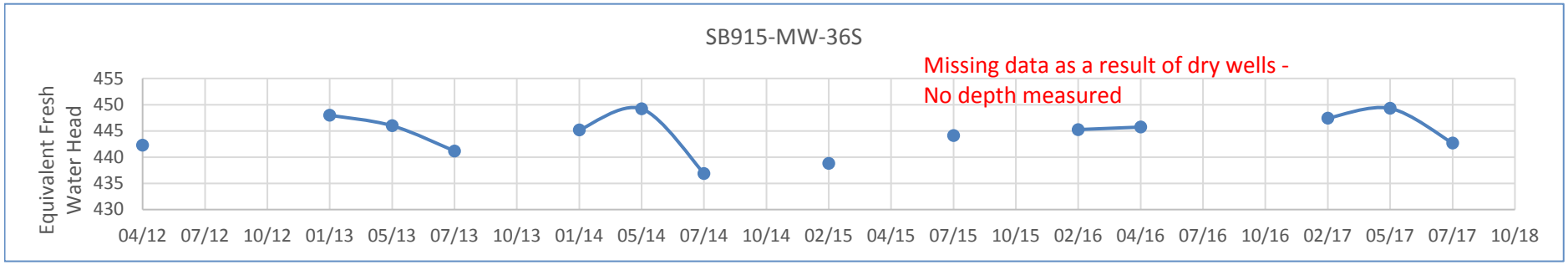


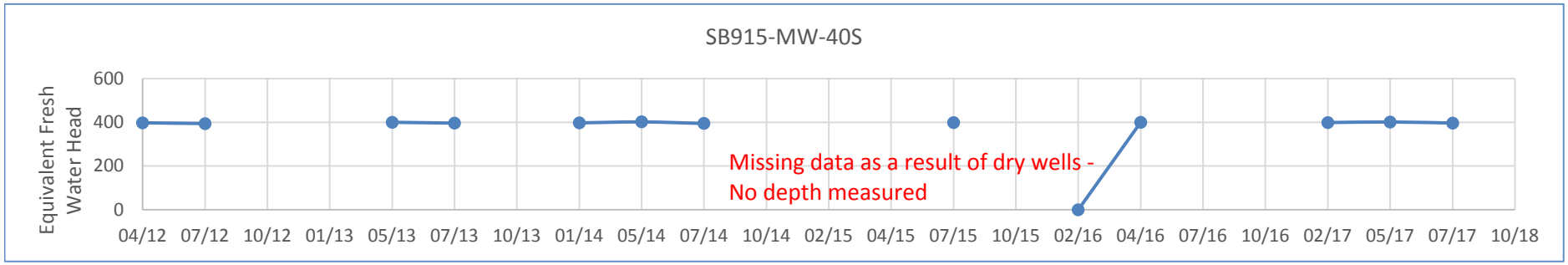




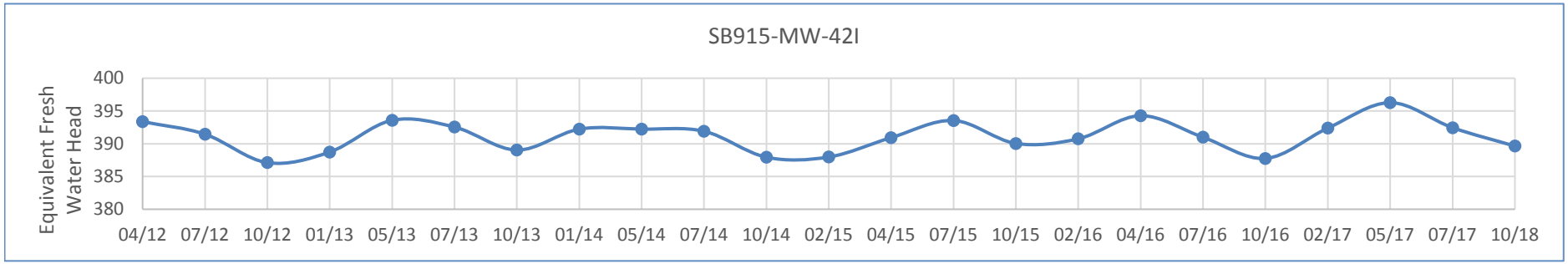
Appendix A
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph

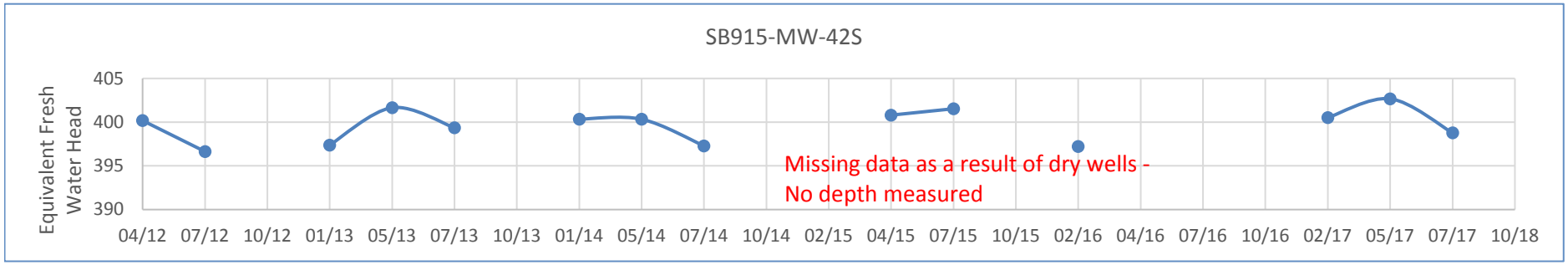


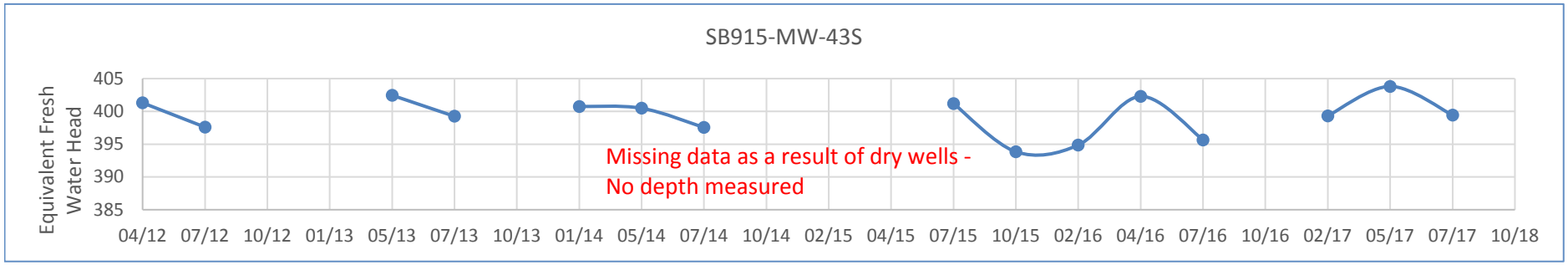




Appendix A
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph







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Wastebeds 9-15
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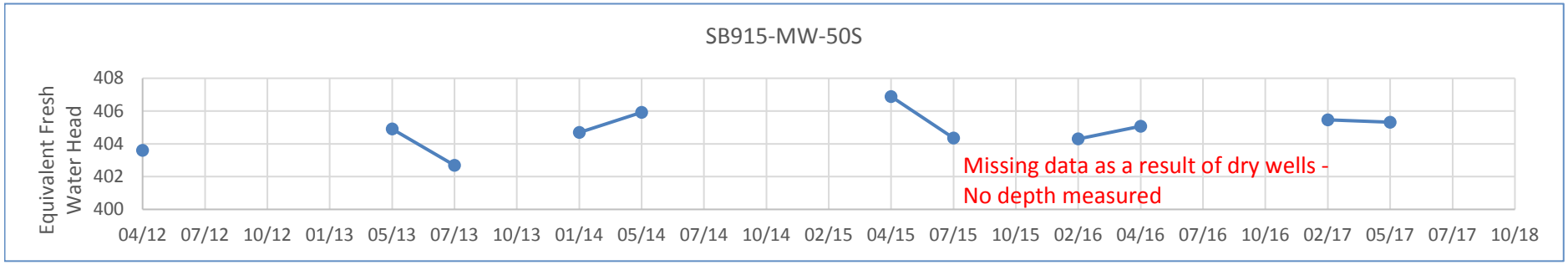
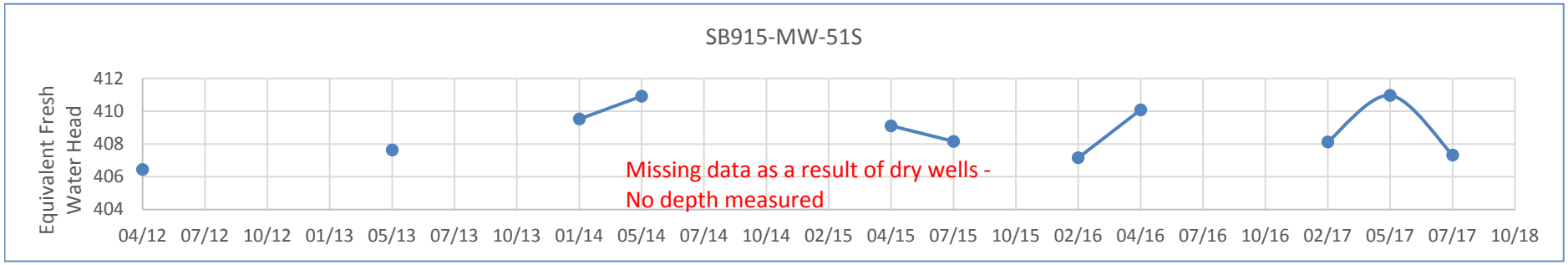
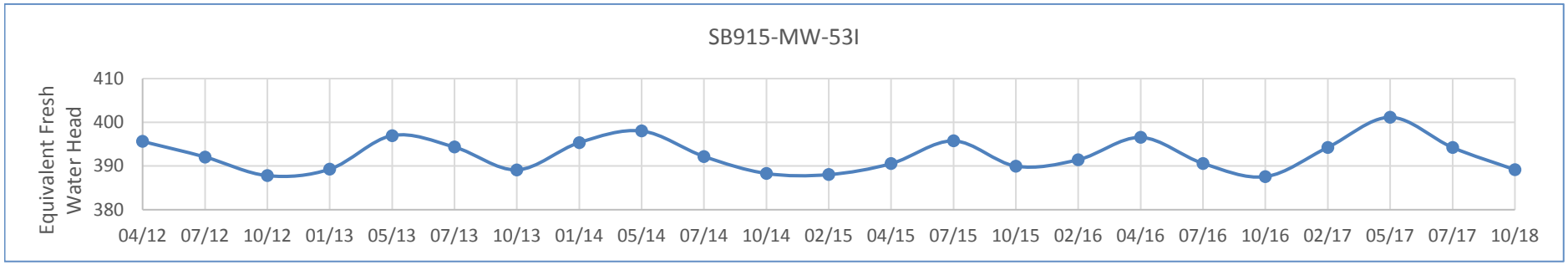
Surface Water Elevation Graph







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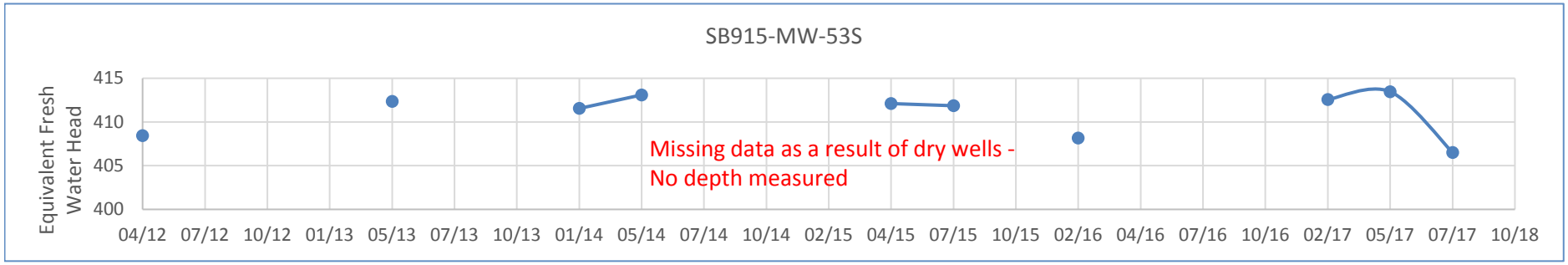
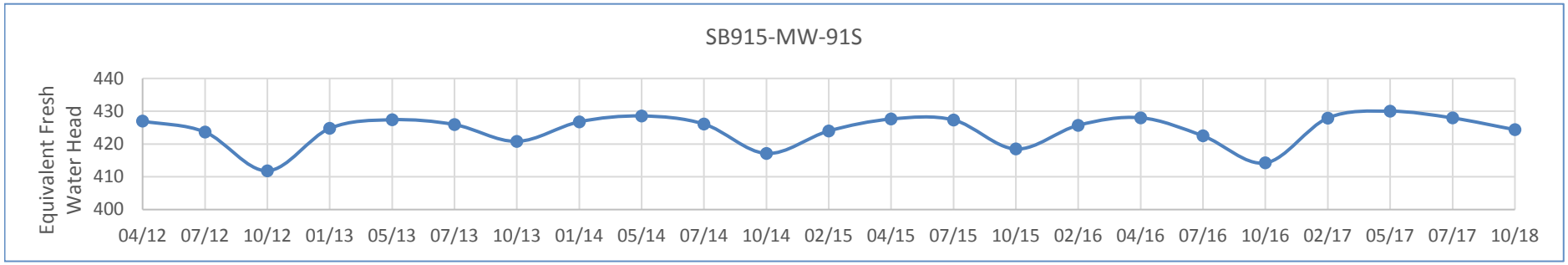
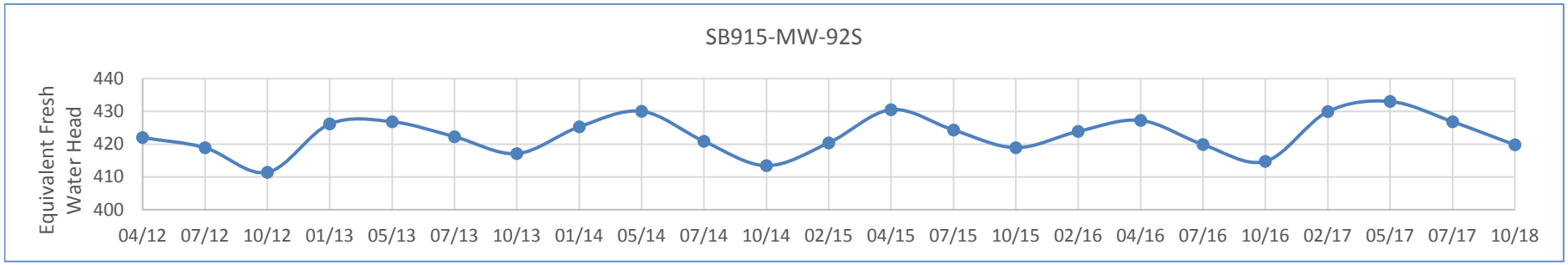
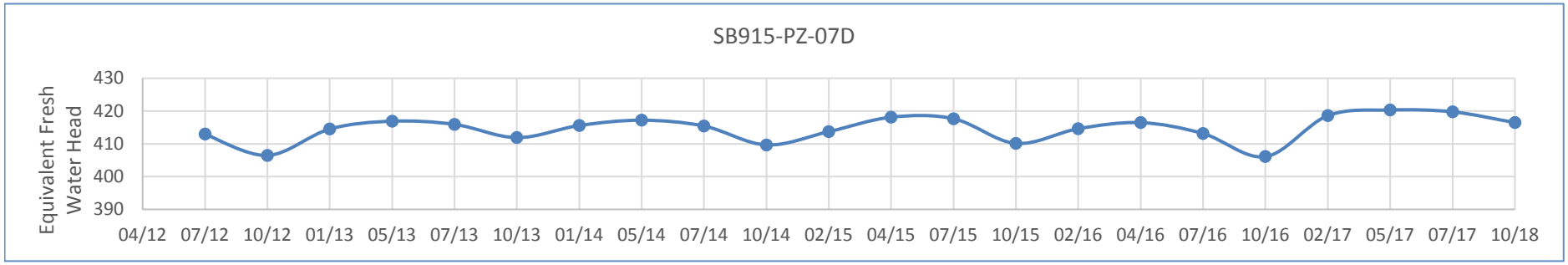
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph

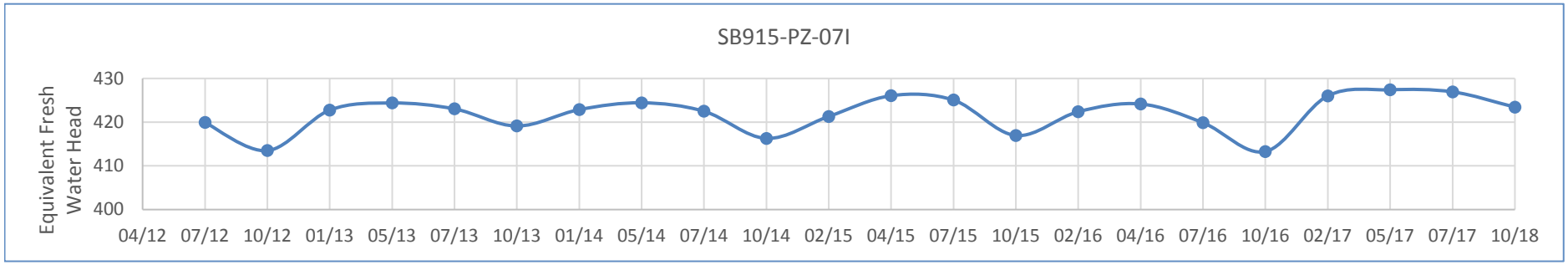


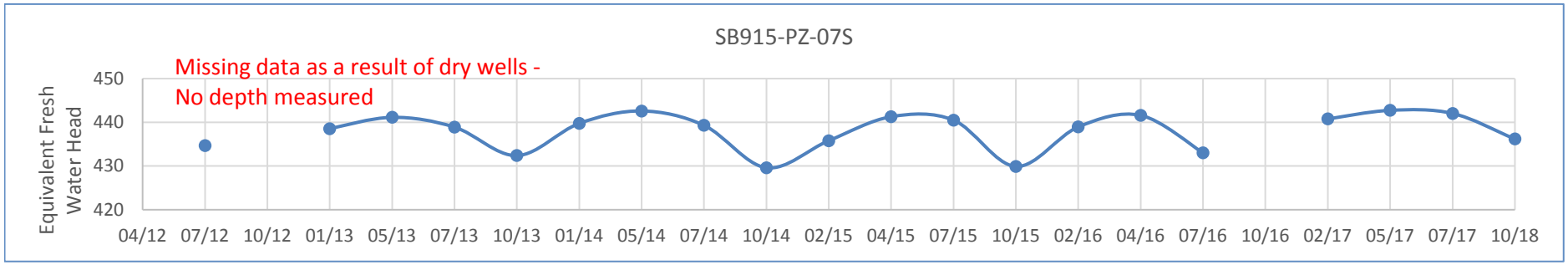




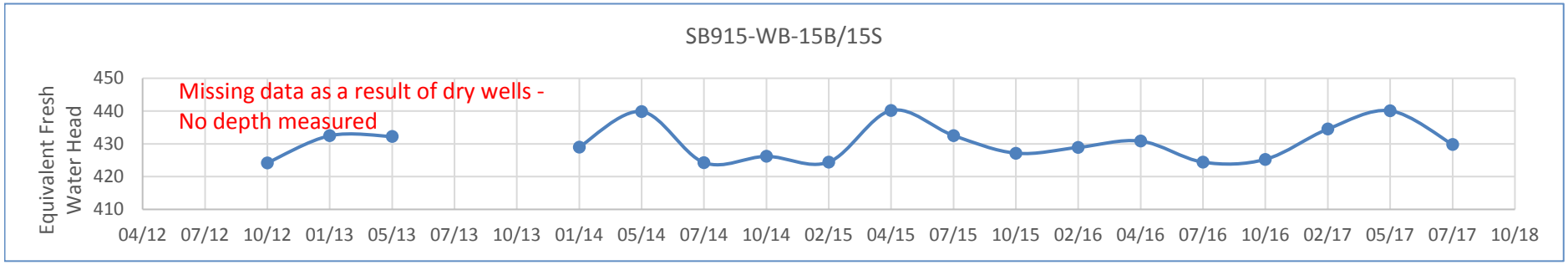
Appendix A
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph







Appendix A
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Elevation Graph



APPENDIX B
GROUNDWATER SAMPLE LOGS

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/10/13	Personnel	JCJC	Weather	Mostly Cloudy ~ 70°F
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-MW-01
Site Location	Camillus, NY	Sampling Method	Peri	Project #	48127

Well information:

Depth of Well *	18.33	ft.
Depth to Water *	10.99	ft.
Length of Water Column	7.34	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0955

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	11.29	13.58	6.75	1.00	64.10	0.49	4.43	120	1.002
10	11.41	13.04	6.74	1.00	56.40	0.38	3.91	140	
15	11.57	13.15	6.75	1.00	52.80	0.33	2.89	120	
20	11.69	13.17	6.75	1.00	50.40	0.28	3.74	120	
25	11.81	12.81	6.73	1.00	47.50	0.25	2.36	130	1.002
30	11.92	13.09	6.72	1.00	48.30	0.22	1.92	130	
35	12.02	12.69	6.73	1.00	47.90	0.21	1.48	130	
40	12.07	12.75	6.74	1.00	47.30	0.18	1.28	130	1.002
45	12.20	12.66	6.73	1.00	47.20	0.17	0.98	130	1.002

End Purge Time: 1040

Water sample: SB915-0103-03

Time collected: 1106

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: 2 gal

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/10/13	Personnel	Matt Widay	Weather	Sunny, warm
Site Name	SB915 Closure	Evacuation Method	peristaltic	Well #	SB915-MW-03
Site Location	Camillus, NY	Sampling Method	peristaltic	Project #	48127

Well information:

Depth of Well * 36.38 ft.
Depth to Water * 6.99 ft.
Length of Water Column 29.39 ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 9:45

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	7.00	11.95	6.63	14.70	-13.10	0.07	6.42	380	1.010
10	7.00	11.81	6.63	14.80	-12.40	0.05	4.73	400	
15	7.00	11.77	6.64	14.70	-11.50	0.03	4.23	400	
20	7.00	11.69	6.64	14.80	-11.00	0.03	3.42	400	
25	7.00	11.72	6.64	14.80	-10.80	0.02	3.85	400	
30	7.00	11.79	6.64	14.90	-10.40	0.02	1.80	400	
35	7.00	11.77	6.64	14.90	-9.60	0.02	1.92	400	
40	7.00	11.75	6.64	14.90	-9.20	0.02	1.43	400	1.008

End Purge Time: 10:25

Water sample: SB915-0103-02

Time collected: 10:35

Density Measurement Start 1.010 End 1.008

Total volume of purged water removed: ~5 gal

Physical appearance at start
Color clear
Odor none
Sheen/Free Product none

Physical appearance at sampling
Color clear
Odor none
Sheen/Free Product none

Field Test Results:
Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	KSK	Weather	Overcast / light Rain ~70°F
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-MW-04
Site Location	Camillus, NY	Sampling Method	Peri	Project #	48127

Well information:

Depth of Well *	20.51	ft.
Depth to Water *	5.64	ft.
Length of Water Column	14.87	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1025

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	8.00	11.84	6.07	35.8	26.80	0.13	4.42	320	1.020
10	9.20	11.61	6.08	35.3	24.70	0.10	4.72	320	
15	9.96	11.38	6.08	35.1	24.4	0.08	7.06	320	
20	11.02	11.38	6.09	35.6	24.3	0.07	6.34	320	1.020
25	11.70	11.25	6.10	34.8	25.7	0.07	9.54	340	
30	12.15	11.30	6.10	34.7	29.2	0.10	10.7	340	
35	12.40	11.22	6.11	34.2	29.0	0.11	13.7	320	
40	12.38	11.23	6.11	34.0	26.4	0.10	8.96	320	
45	12.39	11.15	6.11	34.0	23.3	0.10	7.73	320	1.020

End Purge Time: 1205

Water sample: SB915-0101-06

Time collected: 1220

Density Measurement Start 1.020 End 1.020

Total volume of purged water removed: 5 gal

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5-13-13	Personnel	LYV	Weather	Cloudy 55°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-36S
Site Location	Camillus, NY	Sampling Method		Project #	48127

Well information:

Depth of Well *	19.72	ft.
Depth to Water *	11.70	ft.
Length of Water Column	8.02	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1050

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	12.63	8.80	12.67	5.90	11.30	1.66	5.24	220	1.002
10	12.64	8.66	12.67	5.90	16.20	1.54	5.83	240	
15	12.64	8.66	12.67	5.80	17.10	1.43	3.27	240	
20	12.63	8.81	12.66	5.70	17.30	1.23	1.69	240	
25	12.63	9.06	12.61	5.60	17.50	1.16	1.31	240	
30	12.63	8.90	12.66	5.60	14.20	1.11	1.07	240	
35	12.64	8.80	12.66	5.60	18.40	1.16	1.22	240	
40	12.64	8.90	12.66	5.60	14.10	1.14	1.64	240	
41	12.64	8.99	12.65	5.60	14.20	1.06	1.31	240	1.002

End Purge Time: 1131

Water sample:

Time collected: 1155

Physical appearance at start

Color: clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: ~2.5 gall

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0104-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/13/13	Personnel	JWB	Weather	~40°F Cloudy/Rain
Site Name	SB915 Closure	Evacuation Method	GeoSub	Well #	SB915-MW-36I
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	64.37	ft.
Depth to Water *	30.05	ft.
Length of Water Column	34.32	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 1122

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	33.20	9.95	12.65	9.60	6.90	5.35	101	260	1.002
10	34.17	10.54	12.66	9.70	4.40	2.48	52.3	300	
15	34.34	10.59	12.67	9.60	6.20	2.33	44.0	300	
20	35.55	11.28	12.64	9.60	5.30	1.86	25.1	300	
25	35.59	11.11	12.60	9.50	6.50	1.87	19.1	300	
30	35.62	11.28	12.60	9.50	3.60	1.68	16.2	300	
35	36.04	11.19	12.65	9.50	4.70	1.54	11.1	300	
* 40	36.02	11.37	12.65	4.30	5.10	5.16	10.3	300	
45	36.40	11.29	12.65	9.50	4.80	1.30	8.41	300	
50	37.25	11.79	12.63	9.40	3.10	1.15	6.82	300	
55	37.44	11.56	12.64	9.40	3.40	1.17	8.22	350	
60	37.90	11.69	12.64	9.30	3.30	1.05	7.54	350	
65	38.80	11.59	12.64	9.40	3.10	0.96	6.64	350	
70	39.02	11.67	12.63	9.50	2.80	0.95	6.60	350	
75	39.02	11.47	12.64	9.50	2.70	1.05		350	

End Purge Time: 1240 * Pump stopped, water emptied out of flow through cell

Water sample:

Time collected: 1255

Physical appearance at start

Color: Clear
Odor: No
Sheen/Free Product: No

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: ~9 gallons

Physical appearance at sampling

Color: Clear
Odor: No
Sheen/Free Product: No

Field Test Results:

Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

SB915-0104-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/13/13	Personnel	MJW	Weather	cold. unseasonably cold, cloudy
Site Name	SB915 Closure	Evacuation Method	ground	Well #	SB911 - MW-36D
Site Location	Camillus, NY	Sampling Method	ground	Project #	48127

Well information:

Depth of Well *	114.10	ft.
Depth to Water *	80.22	ft.
Length of Water Column	33.88	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 10:45

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	80.35	11.50	6.91	11.00	-77.60	0.79	240	420	1.005
10	80.38	12.56	6.90	9.40	-79.40	0.66	166	500	
15	80.33	13.03	6.87	8.20	-78.70	0.60	105	540	
20	80.33	13.33	6.87	7.40	-82.50	0.58	58.3	440	
25	80.34	13.16	6.89	6.90	-81.50	0.44	43.7	440	
30	80.33	13.70	6.89	6.50	-83.60	0.44	30.9	480	
35	80.34	13.52	6.89	6.20	-86.70	0.40	19.1	460	
40	80.34	13.39	6.89	6.00	-86.30	0.38	15.9	440	
45	80.34	13.59	6.89	5.80	-86.20	0.38	12.8	460	
50	80.35	13.80	6.89	5.60	-87.30	0.36	12.2	460	
55	80.34	14.13	6.88	5.50	-90.50	0.31	10.1	480	
60	80.34	14.38	6.88	5.30	-89.40	0.24	13.5	480	
65	80.34	14.84	6.88	5.20	-89.60	0.19	9.43	490	
70	80.34	14.47	6.88	5.10	-86.40	0.20	7.60	460	
75	80.34	14.30	6.88	5.10	-100.30	0.16	9.10	460	
80	80.34	14.63	6.88	4.90	-100.90	0.14	5.96	460	
85	80.34	14.46	6.88	5.00	-101.80	0.12	6.17	480	
90	80.34	14.68	6.87	4.90	-110.50	0.09	5.06	490	
95	80.34	14.57	6.87	4.90	-110.70	0.09	4.80	420	
100	80.34	14.47	6.87	4.90	-134.70	0.08	4.49	430	
105	MSD 80.34 8032	14.45	6.87	4.90	-109.00	0.07	4.00	440	
110	80.33	14.88	6.87	4.70	-107.80	0.07	3.73	440	
115	80.34	14.56	6.87	4.70	-104.90	0.06	4.10	450	

End Purge Time: 12:50

Water sample: SB915-0104-01

Time collected: 1300

Density Measurement Start 1.005 End 1.003

Total volume of purged water removed: ~18 gal

Physical appearance at start

Color ~~brown~~ grey/turbid

Odor none

Sheen/Free Product none

Physical appearance at sampling

Color clear

Odor none

Sheen/Free Product none

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/13/13	Personnel	MJW	Weather	cold, unseasonably cold, cloudy
Site Name	SB915 Closure	Evacuation Method	pump	Well #	SB915-MW-36D
Site Location	Camillus, NY	Sampling Method	pump	Project #	48127

Well information:

Depth of Well *	119.10	ft.
Depth to Water *	80.22	ft.
Length of Water Column	38.88	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
120	80.34	14.29	6.87	4.70	-102.70	0.05	4.50	450
125	80.34	14.21	6.87	4.70	-101.20	0.05	3.40	460

End Purge Time: 12:50

Water sample: SB919-0104-01

Time collected: 13:00

Density Measurement Start 1.005 End 1.003

Total volume of purged water removed: ~18 gal

Physical appearance at start

Color: grey/ turbid

Odor: none

Sheen/Free Product: none

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/22/13	Personnel	JWB, CW	Weather	~85°F Sunny
Site Name	WB13 SCA	Evacuation Method	NA	Well #	SB915-MW-405
Site Location	Camillus, NY	Sampling Method	NA	Project #	46698

Well information:

Depth of Well *	48.10	ft.	* Measurements taken from
Depth to Water *	40.71	ft.	X Top of Well Casing
Length of Water Column	7.39	ft.	Top of Protective Casing
			(Other, Specify)

X Not Sampled, does not produce enough water for expanded set of bottles

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)

End Purge Time: _____

Water sample:

Time collected: _____

Physical appearance at start

Color _____

Odor _____

Sheen/Free Product _____

Density Measurement Start _____ End _____

Total volume of purged water removed: _____

Physical appearance at sampling

Color _____

Odor _____

Sheen/Free Product _____

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/21/13	Personnel	AKW/JAK	Weather	~85°F Sunny
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-42S
Site Location	Camillus, NY	Sampling Method	Purge/Low Flow	Project #	48127

Well information:

Depth of Well *	41.79	ft.
Depth to Water *	36.85	ft.
Length of Water Column	4.94	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1229

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
3	38.32	17.32	11.88	38.92	-9.9	3.06	40.2	200
6	40.48	16.48	11.88	39.91	-5.1	3.24	32.4	200
	purged to until dry							
5/22/13	36.61							
	Using PVC Bailer to collect Sample							

End Purge Time: 1235

Water sample:

Time collected: 5/22/13 @ 1111

Physical appearance at start

Color: clear

Odor: none

Sheen/Free Product: none

Density Measurement Start — End 1.020

Total volume of purged water removed: ~1.0 gallons

Physical appearance at sampling

Color: clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0111-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/21/13	Personnel	JWR	Weather	2850F Sunny
Site Name	SB915 Closure	Evacuation Method	~~Geo~~ Geosub	Well #	SB915-MW-42I
Site Location	Camillus, NY	Sampling Method	~~Waterra Pump~~ Purge dry	Project #	48127

Well information:

Depth of Well *	70.08	ft.
Depth to Water *	45.60	ft.
Length of Water Column	24.48	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1225

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
3	54.20	14.45	12.16	77.31	-151.2	0.10	>1000	~600
6	56.40	14.25	12.18	77.85	-132.8	0.24	>1000	~1000
10	57.80	14.32	12.22	72.47	-115.5	2.64	>1000	~800
15	59.30	14.48	12.22	72.14	-126.3	3.48		~1000
	*well went dry allowing to recover and sampling on 5/22/13							
5/22/13	45.70							
	Using PVC Bailer to collect sample							

End Purge Time: 1240

Water sample:

Time collected: 5/22/13 @ 1125

Physical appearance at start

Color: Milky suspended solids

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1.054 End 1.052

Total volume of purged water removed: ~5 gallons

Physical appearance at sampling

Color: clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0111-08

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/21/13	Personnel	JWB	Weather	~85°F Sun/clouds
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-420
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	133.40	ft.
Depth to Water *	68.24	ft.
Length of Water Column	65.16	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1005

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	68.30	13.48	6.49	92.10	-28.80	0.19	746	420
10	68.30	13.71	6.53	97.70	-34.30	0.12	>1000	420
15	68.30	13.72	6.54	98.40	-36.10	0.12	548	420
20	68.30	13.67	6.52	99.00	-33.60	0.11	268	420
25	68.30	13.85	6.51	100.20	-33.20	0.09	115	420
30	68.30	14.08	6.50	99.50	-33.10	0.08	82.3	420
35	68.30	14.30	6.50	98.80	-33.20	0.08	51.6	420
40	68.30	14.71	6.50	98.50	-33.50	0.07	52.1	420
45	68.30	14.56	6.49	98.00	-33.50	0.07	48.5	420
50	68.30	14.55	6.49	98.00	-33.40	0.06	50.7	420

End Purge Time: 1055

Water sample:

Time collected: 1105

Physical appearance at start

Color: Clear

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1044 End 1060

Total volume of purged water removed: 5 gallons

Physical appearance at sampling

Color: clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0110-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/22/13	Personnel	JWB, CJV	Weather	~85°F Sunny
Site Name	~~WELLSCA~~ SR915 closure	Evacuation Method	PVC Bailer	Well #	SR915-MW-43S
Site Location	Camillus, NY	Sampling Method	PVC Bailer	Project #	46698

Well information:

Depth of Well *	46.95	ft.
Depth to Water *	37.93	ft.
Length of Water Column	9.02	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: NA

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5/22/13								
1325	Purging water using a PVC Bailer							
1335	46.20	Allowing to recover over night						
5/23/13								
0953	38.00							
	Collecting sample via PVC Bailer							
	After collecting sample: 39.10	12.19	6.56	-4.3	5.61	NA	NA	

End Purge Time: NA

Water sample:

Time collected: 5/23/13 @ 1000

Physical appearance at start

Color	clear
Odor	no
Sheen/Free Product	no

Density Measurement Start 1.002 End 1.004

Total volume of purged water removed: ~1.3 gallons

Physical appearance at sampling

Color	clear
Odor	no
Sheen/Free Product	no

Field Test Results:

Dissolved ferrous iron:	
Dissolved total iron:	
Dissolved total manganese:	
Dissolved Oxygen:	

SR915-0112-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/22/13	Personnel	JWB	Weather	~85°F Sunny
Site Name	SB915 Closure	Evacuation Method	NA	Well #	SB915-MW-S15
Site Location	Camillus, NY	Sampling Method	NA	Project #	48127

Well information:

Depth of Well * 35.30 ft.
Depth to Water * 34.06 ft.
Length of Water Column 1.26 ft.
X Not enough water to sample

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)

End Purge Time: _____

Water sample:
Time collected: _____
Physical appearance at start
Color _____
Odor _____
Sheen/Free Product _____

Density Measurement Start _____ End _____
Total volume of purged water removed: _____
Physical appearance at sampling
Color _____
Odor _____
Sheen/Free Product _____

Field Test Results:
Dissolved ferrous iron: _____
Dissolved total iron: _____
Dissolved total manganese: _____
Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/16/13	Personnel	JWB, CYU	Weather	~85°F Sunny
Site Name	SB915 Closure	Evacuation Method	NA	Well #	SB915-MW-533
Site Location	Camillus, NY	Sampling Method	NA	Project #	48127

Well information:

Depth of Well * 35.01 ft.
Depth to Water * 26.80 ft. 5/16/13
Length of Water Column ____ ft.
*Not Sampled

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: ____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5/22/13	27.41							
1210	Purged ~1.5 gallons from well w/ PVC Bailer DTW 31.65							
1225	30.85' Well does not produce enough to sample expanded parameters							

End Purge Time: ____

Water sample:
Time collected: ____
Physical appearance at start
Color ____
Odor ____
Sheen/Free Product ____

Density Measurement Start ____ End ____
Total volume of purged water removed: ____
Physical appearance at sampling
Color ____
Odor ____
Sheen/Free Product ____

Field Test Results:
Dissolved ferrous iron: ____
Dissolved total iron: ____
Dissolved total manganese: ____
Dissolved Oxygen: ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/16/13	Personnel	AKM	Weather	75° sunny + windy
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-53I
Site Location	Camillus, NY	Sampling Method	low flow	Project #	48127

Well information:

Depth of Well *	73.18	ft.	* Measurements taken from
Depth to Water *	42.91	ft.	X Top of Well Casing
Length of Water Column	30.29	ft.	Top of Protective Casing
			(Other, Specify)

211 26 34 4 32 OB

Start Purge Time: 0959

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	47.26	12.78	11.99	118.60	-150.90	1.18	36.7	200	1.070
10	48.75	13.75	11.98	118.80	-146.10	0.81	28.3	150	
15	48.96	14.72	11.96	118.30	-138.70	0.58	44.3	140	
20	48.97	15.08	11.93	118.10	-143.00	0.55	37.3	100	
25	49.09	16.12	11.92	117.10	-137.10	0.47	24.8	100	1.068
30	49.37	15.75	11.94	117.00	-131.20	0.40	36.2	100	
35	49.43	15.75	11.94	117.10	-130.60	0.34	41.9	100	
40	49.50	16.34	11.93	116.40	-132.00	0.29	26.9	100	
45	49.76	16.34	11.94	113.10	-133.00	0.28	18.9	150	
50	50.10	17.92	11.88	114.60	-130.70	0.17	22.7	100	1.068
55	50.10	18.01	11.88	114.60	-133.00	0.16	12.5	100	
60	50.10	18.70	11.86	113.70	-135.00	0.13	26.7	100	
65	50.10	18.42	11.87	113.70	-140.30	0.13	27.6	100	
70	50.10	18.45	11.87	113.70	-143.60	0.10	19.9	100	
75	50.10	18.52	11.87	113.50	-145.60	0.09	9.43	100	
80	50.10	18.16	11.88	114.20	-151.80	0.07	8.69	100	
85	50.60	18.85	11.86	113.50	-155.60	0.04	17.00	100	
90	50.60	18.92	11.86	113.50	-155.60	0.02	17.00	100	
95	50.60	18.60	11.86	113.80	-155.90	0.02	35.00	100	
100	50.60	18.64	11.87	113.10	-162.80	0.01	30.00	100	
105	50.60	18.67	11.87	112.80	-169.20	0.01	16.6	100	1.068
110	50.60	19.15	11.85	113.70	-164.20	0.01	12.1	100	
115	50.60	18.84	11.86	113.20	-170.80	0.00	13.8	100	

End Purge Time: 1237

** = Ipod overheated and rebooted @ 1058.
*** @ 1120 - reset again

Water sample:
Time collected: 1316

Density Measurement Start 1.070 End 1.068
Total volume of purged water removed:

Physical appearance at start
Color: clear
Odor: none
Sheen/Free Product: none

Physical appearance at sampling
Color: clear
Odor: none
Sheen/Free Product: none

Field Test Results:
Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

rental 07

SB915-0107-01

cont.

Analytical Parameters:

Time	Depth	Temp	pH	Cond.	ORP	DO	Turb	Flow
Container Size	Container Type		# Collected	Field Filtered		Preservative		Container pH
120	50.50	19.10	11.85	113.80	-178.40	0.00	6.19	100
125	50.50	19.01	11.86	112.80	-174.40	0.00	9.24	100
130	50.02	18.71	11.87	113.30	-183.80	0.00	17.80	100
135	50.02	18.70	11.87	113.20	-179.20	0.00	12.6	100

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/16/13	Personnel	MJW	Weather	~75°F Sunny
Site Name	SB915 Closure	Evacuation Method	Grundfos Pump	Well #	SB915-MW-~~8~~530
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	123.90	ft.
Depth to Water *	67.62	ft.
Length of Water Column	56.28	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 10:05

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	67.59	13.13	7.30	1.50	-45.50	0.21	Overrange >1000	250	1.006
10	67.59	12.15	7.28	1.50	-39.20	0.25	580	500	
15	67.58	13.29	7.24	1.60	-23.30	0.16	343	460	
20	67.59	13.34	7.21	1.80	-15.80	0.12	166	500	
25	67.59	13.43	7.20	1.90	-12.00	0.11	122	500	
30	67.59	13.55	7.19	1.90	-10.70	0.10	68.6	500	
35	67.59	13.70	7.18	1.90	-7.80	0.09	42.0	500	
40	67.59	13.67	7.18	1.90	-8.20	0.08	41.5	500	
45	67.59	13.93 ~~13.67~~ MW	7.17 ~~7.18~~ MW	1.90	-5.30 ~~-8.20~~ MW	0.07 ~~0.08~~ MW	24.4	500	
50	67.59	13.74	7.17	1.90	-6.10	0.07	27.4	500	
55	67.59	13.84	7.17	1.90	-5.40	0.07	21.9	480	
60	67.59	13.83	7.17	2.00	-4.70	0.06	15.1	500	
65	67.59	14.01	7.17	1.90	-2.90	0.06	16.6	500	
70	67.59	13.95	7.17	2.00	-3.20	0.06	17.6	500	1.002

End Purge Time: 11:15

Water sample: SB915-0107-02

Time collected: 11:30

Physical appearance at start

Color: very turbid brownish grey

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.006 End 1.002

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-15-13	Personnel	CYV	Weather	~55°F Rain
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-595
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	21.62	ft.
Depth to Water *	12.39	ft.
Length of Water Column	9.23	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 11.50

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	12.39	11.97	6.92	25.60	-37.00	0.19	129	360
10	12.39	11.86	6.92	25.90	-35.90	0.08	97.9	380
15	12.39	11.86	6.92	25.80	-35.40	0.06	46.5	380
20	12.39	11.87	6.92	25.90	-35.30	0.05	26.7	380
25	12.39	11.85	6.93	25.90	-35.50	0.04	22.0	380
30	12.39	11.83	6.92	25.90	-35.60	0.04	16.4	380
35	12.39	11.83	6.92	25.90	-36.0	0.04	14.7	380

End Purge Time: 1230

Water sample:

Time collected: 12415

Physical appearance at start

Color: Clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.014 End 1.014

Total volume of purged water removed: 4.5 gal

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0106-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/16/13	Personnel	JAK	Weather	~60°F, Sunny
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-60S
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	~~12.73~~ 21.86	ft.	* Measurements taken from
Depth to Water *	12.73	ft.	Top of Well Casing
Length of Water Column	8.13	ft.	X Top of Protective Casing
			(Other, Specify)

Start Purge Time: 1010

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	12.72						30.7	400	1.008
5	12.73	12.27	6.53	14.60	-30.40	0.08	16.8	320	
10	12.73	12.22	6.55	14.00	-24.20	0.05	12.1	340	
15	12.73	11.98	6.56	13.60	-18.80	0.06	7.77	340	
20	12.73	11.89	6.56	13.30	-15.20	0.06	6.27	340	
25	12.73	11.99	6.56	13.20	-12.50	0.06	5.66	340	
30	12.73	12.14	6.56	13.00	-10.60	0.06	4.46	340	
35	12.73	12.16	6.56	12.90	-8.90	0.05	2.98	340	1.006

End Purge Time: 1059

Water sample:

Time collected: 1055

Physical appearance at start

Color: clear

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.008 End 1.006

Total volume of purged water removed: ~4.0 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0107-03

Rental 06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/15/13	Personnel	~~RDW~~ MJW	Weather	Cloudy - 50-60°F
Site Name	SB915 Closure	Evacuation Method	peri	Well #	SB915-MW-705
Site Location	Camillus, NY	Sampling Method	low flow	Project #	48127

Well information:

Depth of Well * 26.70 ft.
Depth to Water * 17.81 ft.
Length of Water Column 8.89 ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 12:05

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	17.81	11.64	6.61	27.70	-30.20	0.10	230	320	1.012
10	17.82	11.46	6.61	27.70	-27.40	0.05	90.2	440	
15	17.82	11.46	6.60	27.70	-25.90	0.04	39.8	440	
20	17.82	11.41	6.60	27.60	-24.70	0.04	21.4	440	
25	17.82	11.38	6.60	27.70	-24.00	0.03	14.8	440	
30	17.82	11.40	6.60	27.70	-23.60	0.03	9.81	440	
35	17.82	11.40	6.60	27.60	-23.30	0.03	7.79	440	
40	17.82	11.46	6.60	27.50	-22.80	0.03	6.78	440	
45	17.82	11.46	6.59	27.60	-22.60	0.03	4.68	440	
50	17.82	~~11.46~~ 11.57	6.59	~~27.60~~ 27.59	~~-22.60~~ -22.40	0.03	4.01	440	1.012

End Purge Time:

Water sample: SB915-0106-05
Time collected: 1305

Density Measurement Start 1.012 End 1.012
Total volume of purged water removed:

Physical appearance at start
Color cloudy; opaque
Odor none
Sheen/Free Product none

Physical appearance at sampling
Color clear
Odor NO
Sheen/Free Product NO

Field Test Results:
Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/15/13	Personnel	SJWASON	Weather	60/Cloudy
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-MW-70D
Site Location	Camillus, NY	Sampling Method	LOW FLOW	Project #	48127

Well information:

Depth of Well *	62.22	ft.
Depth to Water *	18.55	ft.
Length of Water Column	43.66	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
1150 5	18.59	12.09	10.47	94.20	-22.60	0.79	21.7	400	1.050
10	18.59	11.94	10.47	93.40	-18.40	0.36	16.7	380	
15	18.56	11.87	10.47	93.20	-16.80	0.13	13.3	380	
20	18.57	11.87	10.48	92.70	-15.80	0.09	11.10	420	
25	18.58	11.85	10.48	92.50	-14.80	0.09	10.4	420	
30	18.58	11.84	10.48	92.80	-14.20	0.09	10.21	420	
35	18.60	11.88	10.47	93.50	-13.80	0.08	6.04	420	
40	18.60	11.84	10.47	92.10	-13.80	0.09	10.51	420	1.050

End Purge Time: 1230

Water sample:

Time collected: 1249

Physical appearance at start

Color: Clear

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.050 End 1.050

Total volume of purged water removed: _____

Physical appearance at sampling

Color: Clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:		
Dissolved total iron:		
Dissolved total manganese:		
Dissolved Oxygen:		

SB915-0106-006

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/24/13	Personnel	JC JK	Weather	Rain ~ 50°F
Site Name	WB13 SCA	Evacuation Method	Pump	Well #	SB915-MW-85D
Site Location	Camillus, NY	Sampling Method	Pump	Project #	46698

Well information:

Depth of Well *	79.75	ft.
Depth to Water *	12.80	ft.
Length of Water Column	66.95	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0930

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	12.79	10.69	6.83	107.60	-88.70	0.18	84.1	260
10	12.78	10.40	6.87	107.30	-88.70	0.11	67.6	260
15	12.79	10.27	6.90	106.70	-90.0	0.09	65.7	260
20	12.78	10.18	6.91	107.20	-91.50	0.08	48.5	260
25	12.78	10.22	6.92	107.30	-92.50	0.08	47.3	260
30	12.78	10.13	6.92	106.30	-92.00	0.07	39.9	260
35	12.78	10.17	6.91	101.30	-92.30	0.07	33.3	260
40	12.78	10.08	6.91	106.90	-92.40	0.06	—	260

End Purge Time: 0940

Water sample:

Time collected: 1040

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.000 End 1.060

Total volume of purged water removed: 3 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0113-01

SB915-0113-02 (DUP)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/13/13	Personnel	JwB / CYV	Weather	~45°F Cloudy
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-104S
Site Location	Camillus, NY	Sampling Method	Low Flow Purge Dry	Project #	48127

Well information:

Depth of Well *	25.97	ft.
Depth to Water *	17.71	ft.
Length of Water Column	8.26	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1353

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
0	9.22	13.44	6.31	85.54	54.9	2.65	52.2	350
5	10.65	10.15	6.08	82.44	48.3	1.060	311	460
10	12.96	9.60	6.04	78.75	47.4	0.05	169	850
15	16.87	9.46	6.04	77.16	42.0	0.03	240	850
20	18.77	9.20	6.06	74.37	36.6	0.05	361	850
25	20.80	9.26	6.06	73.58	30.4	0.07	>1000	350
30	21.88	9.36	6.03	74.43	36.5	0.09	>1000	850
35	23.06	9.56	6.03	74.21	36.7	0.05	666	850
40	23.83	9.73	6.02	72.73	36.0	0.05	>1000	850
45	25.00	9.85	6.02	76.41	35.1	0.05	>1000	850
48	25.53	9.89	6.02	74.61	34.7	0.09	>1000	850
5/14/13	7.34							

End Purge Time:

Water sample:
Time collected: 0940 5/14/13

Physical appearance at start
Color: Clear
Odor: NO
Sheen/Free Product: NO

Density Measurement Start 1.062 End 1.066
Total volume of purged water removed:

Physical appearance at sampling
Color: Clear
Odor: ~~NO~~ none
Sheen/Free Product: none

Field Test Results:
Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

SB915-0105-01

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/14/13	Personnel	JAK	Weather	~ 50°F, Sunny
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-104I
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	75.23	ft.
Depth to Water *	27.04	ft.
Length of Water Column	48.19	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0925

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	27.04							340	1.000
5	27.06	15.88	7.39	1.10	135.40	2.23	630	440	
10	27.05	13.48	7.66	0.00	37.00	9.43	593	280	
15	27.07	11.58	7.38	1.20	40.50	0.42	410	280	
20	27.07	11.49	7.38	1.20	34.50	0.37	258	280	
25	27.07	11.56	7.37	1.20	32.30	0.27	178	280	
30	27.07	11.57	7.37	1.20	31.30	0.27	130	280	
35	27.07	11.63	7.37	1.20	29.80	0.26	94.1	280	1.000
40	27.07	11.66	7.37	1.20	29.70	0.26	73.9	280	
45	27.07	11.71	7.36	1.20	28.80	0.21	57.4	280	
50	27.07	11.66	7.36	1.20	27.90	0.22	46.1	280	
55	27.07	11.58	7.36	1.20	26.90	0.20	40.8	280	
60	27.07	11.61	7.36	1.20	26.20	0.26	35.3	280	
65	27.07	11.56	7.36	1.20	25.90	0.20	36.2	280	1.000

End Purge Time: 1035

Water sample:

Time collected: 1050

Physical appearance at start

Color: Cloudy - Light Brown

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.000 End 1.000

Total volume of purged water removed: ~4 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0105-02
Rental 010

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5.10.13	Personnel	JWB	Weather	~70°F Cloudy
Site Name	SB915 Closure	Evacuation Method	NA	Well #	SB915-MW-105S
Site Location	Camillus, NY	Sampling Method	NA	Project #	48127

Well information:

Depth of Well * 15.68 ft.
Depth to Water * 15.25 ft.
Length of Water Column 0.43 ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

X Not enough water to Sample

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)

End Purge Time: _____

Water sample:
Time collected: _____
Physical appearance at start
Color _____
Odor _____
Sheen/Free Product _____

Density Measurement Start _____ End _____
Total volume of purged water removed: _____
Physical appearance at sampling
Color _____
Odor _____
Sheen/Free Product _____

Field Test Results:
Dissolved ferrous iron: _____
Dissolved total iron: _____
Dissolved total manganese: _____
Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/10/13	Personnel	JWR	Weather	~70°F Cloudy
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-10 TBR
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	65.00	ft.
Depth to Water *	48.25	ft.
Length of Water Column	16.75	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1023

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	48.29	12.04	7.05	1.00	39.70	0.25	39.0	480
10	48.29	12.65	7.06	1.10	25.20	0.15	22.7	480
15	48.29	12.73	7.07	1.00	16.80	0.10	14.7	480
20	48.29	12.75	7.08	1.00	14.00	0.08	13.1	480
25	48.29	12.84	7.09	1.00	11.30	0.07	10.9	480
30	48.29	12.88	7.10	1.00	10.80	0.05	8.61	480
35	48.29	12.95	7.10	1.00	10.80	0.05	9.01	480

End Purge Time: 1100

Water sample:

Time collected: 1115

Physical appearance at start

Color: Clear

Odor: No

Sheen/Free Product: No

Density Measurement Start 1.000 End 1.000

Total volume of purged water removed: ~6.0 gallons

Physical appearance at sampling

Color: Clear

Odor: No

Sheen/Free Product: No

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0103-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	Matt Widay	Weather	Overcast - rain
Site Name	SB915 Closure	Evacuation Method	peri	Well #	SB915-MW5-1065
Site Location	Camillus, NY	Sampling Method	peri	Project #	48127

Well information:

Depth of Well *	19.98	ft.
Depth to Water *	5.37	ft.
Length of Water Column	14.61	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 9:35

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	5.98	12.23	7.03	2.50	48.90	2.43	24.7	185	1.002
10	6.45	11.61	7.15	1.80	48.60	2.91	34.6	190	
15	6.80	11.47	7.33	1.10	53.00	4.26	33.6	195	
20	7.05	11.34	7.41	0.90	55.60	4.99	21.2	195	
25	7.30	11.29	7.39	0.80	55.90	4.87	15.9	200	
30	7.51	11.25	7.38	0.80	55.50	4.64	~~11.2~~ 8.23	200	
35	7.75	11.17	7.39	0.80	55.60	4.53	6.29	200	
40	7.99	11.13	7.39	0.80	55.50	4.53	5.96	200	1.000

End Purge Time: 10:30

Water sample: SB915-0101-01

Time collected: 10 35

Density Measurement Start 1.002 End 1.000

Total volume of purged water removed: ~2.5 gal

Physical appearance at start

Color clear

Odor none

Sheen/Free Product none

Physical appearance at sampling

Color clear

Odor none

Sheen/Free Product none

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	JC JK	Weather	Overcast ~ 70°F
Site Name	SB915 Closure	Evacuation Method	Peri Pump	Well #	SB915-MW-106I
Site Location	Camillus, NY	Sampling Method	Peri Pump	Project #	48127

Well information:

Depth of Well *	44.82	ft.
Depth to Water *	8.35	ft.
Length of Water Column	36.47	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

272486

Start Purge Time: 0935

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (us ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	4.27	13.15	7.27	5669.10	18.9	0.19	43.5	280	1.004
10	9.40	12.39	7.20	6543	12.7	0.10	39.2	290	
15	9.47	12.30	6.98	18583	5.6	0.08	84.0	310	1.008
20	9.50	12.39	6.97	21375	2.80	0.08	47.4	280	
25	9.53	12.36	6.96	22976	-1.00	0.07	14.6	280	
30	9.53	12.36	6.95	25100	-4.70	0.08	12.4	280	
35	9.53	12.35	6.94	25950	-7.40	0.07	7.86	290	1.012
40	9.53	12.39	6.92	27780	-8.30	0.07	7.20	290	

End Purge Time: 1015

Water sample: SB915-0101-02

Time collected: 1027

Physical appearance at start

Color: Clear

Odor: No

Sheen/Free Product: No

Density Measurement Start 1.004 End 1.014

Total volume of purged water removed: 4 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	6/8/13	Personnel	MJW	Weather	rain
Site Name	SB915 Closure	Evacuation Method	pes.	Well #	SB915-MW107S
Site Location	Camillus, NY	Sampling Method	pes.	Project #	48127

Well information:

Depth of Well *	22.47	ft.
Depth to Water *	3.51	ft.
Length of Water Column	18.96	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1:30

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	5.70	12.35	6.23	59.90	47.00	0.39	232	290
10	6.22	12.58	6.23	60.00	43.50	0.31	257	220
15	6.57	12.70	6.23	60.00	41.90	0.24	234	210
20	6.87	12.99	6.23	60.00	42.00	0.15	112	210
25	6.97	12.98	6.23	60.00	41.50	0.13	101	210
30	7.01	12.96	6.23	60.60	41.70	0.11	111	210
35	7.07	12.76	6.22	46.97	43.0	0.10	75.8	210
40	7.12	12.81	6.22	61.40	43.60	0.10	47.4	210
45	7.17	12.78	6.21	61.50	43.80	0.10	40.4	210
50	7.21	12.62	6.21	61.70	43.50	0.10	30.5	210
55	7.23	12.67	6.21	62.00	43.30	0.10	23.9	210
60	7.23	12.53	6.20	62.80	43.60	0.10	21.9	210

End Purge Time: 14:40

Water sample: SB915-0101-09

Time collected: ~~2:~~ 14:50

Physical appearance at start

Color: brownish

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.030 End 1.032

Total volume of purged water removed: ~4 gal

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	LSK	Weather	Rain
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-107I
Site Location	Camillus, NY	Sampling Method	Grundfos	Project #	48127

Well information:

Depth of Well *	57.16	ft.
Depth to Water *	7.25	ft.
Length of Water Column	49.91	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1345

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	7.30	12.83	6.62	11.7	23.7	1.33	111.1	340	1.008
10	7.30	12.57	6.61	11.9	21.7	1.13	4.83	340	
15	7.29	12.67	6.61	11.8	21.4	0.82	5.25	340	
20	7.29	12.61	6.61	11.8	21.9	0.78	5.23	360	
25	7.29	12.71	6.61	11.70	22.0	0.59	6.70	360	
30	7.29	12.68	6.61	11.60	22.0	0.55	5.93	360	1.008
35	7.29	12.67	6.61	11.80	21.4	0.53	7.80	360	1.008

End Purge Time: 1425

Water sample: SB915-0101-08

Time collected: 1425

Density Measurement Start 1.008 End 1.008

Total volume of purged water removed: 5 gal

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5.8.13	Personnel	J Bonc	Weather	~70°F Cloudy
Site Name	SB915 Closure	Evacuation Method	Peristaltic Pump	Well #	SB915-MW-107D
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	107.95	ft.
Depth to Water *	9.15	ft.
Length of Water Column	98.80	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1218

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	9.27	12.83	6.14	126.50	44.0	2.14	41.1	300	1.068
10	9.27	12.56	6.16	130.30	18.50	0.94	37.4	300	
15	9.27	12.57	6.19	132.30	16.50	0.46	53.6	300	
20	9.27	12.59	6.20	131.50	18.90	0.24	21.1	300	
25	9.27	12.66	6.20	133.10	17.30	0.32	11.1	300	
30	9.27	12.75	6.20	131.70	16.00	0.30	5.81	300	
35	9.27	12.88	6.20	131.10	15.10	0.24	4.84	300	
40	9.27	12.88	6.21	131.30	13.80	0.22	5.17	300	
45	9.27	12.97	6.21	132.10	10.20	0.20	7.55	300	
50	9.27	13.20	6.21	131.70	8.70	0.18	5.20	300	
55	9.27	13.24	6.21	130.80	6.50	0.15	6.88	300	1.080

End Purge Time: 1318

Water sample:

Time collected: 1330

Physical appearance at start

Color: Clear

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1.068 End 1.080

Total volume of purged water removed: ~4.5 gallons

Physical appearance at sampling

Color: Clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0101-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/10/13	Personnel	JAK	Weather	~65°F, overcast
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-107BR
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	133.55	ft.
Depth to Water *	19.05	ft.
Length of Water Column	114.50	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1000

	(0.3-ft)	(3%)	(0.1)	(3%)	(10 mV)	(10%)	(10%)	(100-500 ml/min)	
Elapsed Time (min.)	Depth To Water (ft)	Temperature (celsius)	pH	Conductivity (ms/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	
* 0	45.49	~~14.52~~ (1)	~~5.65~~ (1)	~~148.60~~ (1)	~~-17.10~~ (1)	~~0.70~~ (1)	52.7	240	1.130
5	45.78	14.52	5.65	148.60	-17.10	0.70	59.9	140	
10	45.32	14.72	5.77	197.40	-16.00	0.61	45.8	160	
15	45.39	14.53	5.87	196.60	-14.10	0.56	36.5	150	
20	45.45	14.61	5.95	195.50	-13.20	0.52	72.9	150	
25	45.20	14.49	5.99	194.10	-11.00	0.48	44.9	140	
30	45.20	14.22	6.01	193.40	-9.60	0.46	48.4	140	
35	45.25	14.84	6.01	190.10	-4.80	0.45	33.9	140	
40	44.80	14.46	5.99	189.80	-1.90	0.44	26.3	140	
45	44.81	14.58	6.05	187.70	-2.10	0.39	35.6	140	
50	44.80	14.67	6.08	188.60	-0.90	0.38	21.2	140	
(1) 55									1.130
65	44.79	14.44	6.16	183.7	0.70	0.34	16.9	140	
70	44.80	14.54	6.18	183.0	1.20	0.32	18.6	140	
75	44.80	14.40	6.19	182.70	2.50	0.32	18.4	140	1.130

End Purge Time: 1150

Water sample:

Time collected: 1215

Physical appearance at start

Color: Clear
Odor: None
Sheen/Free Product: None

Density Measurement Start 1.130 End 1.130

Total volume of purged water removed: ~12 gal

Physical appearance at sampling

Color: Clear
Odor: None
Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:

SB915-0103-04
Rental 010
* Purged well to ~45' before taking Readings

(1) Finish button was pressed and Readings stopped

Analytical Parameters: JAK restarted test @ 1135

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/22/13	Personnel	JWB, CYV	Weather	~85°F Sunny
Site Name	~~WB43 SGA~~ SB915 Closure	Evacuation Method	Peristaltic Pump	Well #	SB915-MW-108S
Site Location	Camillus, NY	Sampling Method	Peri Purge	Project #	46698

Well information:

Depth of Well *	27.00	ft.
Depth to Water *	24.31	ft.
Length of Water Column	2.69	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1225

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	25.40	22.67	7.13	0.97	119.6	2.57	160	420
8	26.20	13.86	7.09	0.86	74.1	2.76	186	420
11	Dry							
5/23/13	24.34							
@1023							822	NM
1045	25.58	22.49	8.03	1.08	134.7	4.20	527	NA

End Purge Time: NA

Water sample:

Time collected: 1040

Physical appearance at start

Color: Med Brown

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.008 End 1.000

Total volume of purged water removed: ~0.4 gallons

Physical appearance at sampling

Color: V light brown/clay

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0112-06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/16/13	Personnel	JAK	Weather	~65°F, Sunny
Site Name	SB915 Closure	Evacuation Method	In-Situ pump	Well #	SB915-MW-108D
Site Location	Camillus, NY	Sampling Method	Low-flow	Project #	48127

Well information:

Depth of Well *	64.85	ft.
Depth to Water *	28.91	ft.
Length of Water Column	35.94	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: ~~1145~~ 1155

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	28.99						>999	380	1.002
5	29.00	~~27.77~~	~~7.79~~	~~0.66~~	~~48.58~~	~~6.43~~	145	400	
10	29.00	13.87 13.38	7.30 7.29	1.10 1.10	-15.30 -15.20	0.08 0.08	83.5	200	
15	28.97	12.99	7.28	1.10	-11.80	0.06	61.5	200	
20	28.97	13.67	7.29	1.10	-10.70	0.07	46.9	200	
25	28.97	13.39	7.28	1.10	-9.10	0.06	36.2	200	
30	28.97	13.22	7.28	1.10	-6.20	0.05	29.1	200	
35	28.97	13.12	7.28	1.10	-4.50	0.05	22.3	200	
40	28.97	12.91	7.28	1.10	-2.60	0.05	18.6	200	1.000

End Purge Time: 1255

Water sample:

Time collected: 1250

Physical appearance at start

Color: Cloudy - Light Brown

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.002 End 1.000

Total volume of purged water removed: ~7.0 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0107-05

Rental 06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/16/13	Personnel	JWB	Weather	~75° f Sunny
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-108RR
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	94.76	ft.
Depth to Water *	20.92	ft.
Length of Water Column	73.84	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	22.23	13.65	6.99	2.80	-5.40	0.44	217	240
10	22.70	12.79	7.01	2.80	-0.10	0.19	135	400
15	23.75	12.30	7.00	2.90	1.20	0.10	142	260
20	23.65	12.94	7.00	2.80	1.80	0.11	146	300
25	23.71	12.99	7.00	2.80	3.80	0.11	101	300
30	23.77	12.85	7.00	2.80	6.40	0.09	39.2	260
35	23.65	13.03	6.99	2.80	7.80	0.09	32.7	260
40	23.65	13.14	6.99	2.80	9.10	0.09	21.3	260
45	23.61	13.31	6.99	2.80	9.50	0.09	17.4	260
50	23.65	13.35	6.98	2.80	10.10	0.08	13.6	260
55	23.65	13.29	6.98	2.80	10.30	0.08	13.8	260
60	23.65	13.35	7.00	2.80	10.60	0.07	12.9	260

End Purge Time: 1130

Water sample:

Time collected: 1145

Physical appearance at start

Color: Clear

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.004 End 1.004

Total volume of purged water removed: 5 gallons

Physical appearance at sampling

Color: Clear

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0107-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/17/13	Personnel	SJWASON	Weather	70/MOSTLY SUN
Site Name	SB915 Closure	Evacuation Method	PLR1	Well #	SB915-MW-109S
Site Location	Camillus, NY	Sampling Method	LOW FLOW	Project #	48127

Well information:

Depth of Well *	15.41	ft.
Depth to Water *	3.09	ft.
Length of Water Column	12.32	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0943

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
10	3.10	10.89	12.31	30.90	-22.30	0.07	11.4	340
15	3.09	10.87	12.31	31.10	-21.60	0.04	11.6	340
20	3.08	10.82	12.31	31.30	-21.50	0.03	11.7	340
25	3.09	10.87	12.31	31.20	-20.40	0.02	8.36	320
30	3.09	10.96	12.31	31.40	-18.90	0.02	6.99	320
35	3.09	10.88	12.31	31.50	-18.60	0.02	6.74	320
40	3.09	10.88	12.31	31.60	-18.50	0.02	6.43	320

End Purge Time: _____

Water sample:

Time collected: 1106

Physical appearance at start

Color: Slightly cloudy

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.011 End 1.012

Total volume of purged water removed: 5 gal

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:	_____	SB915-0108-01
Dissolved total iron:	_____	SB915-0108-02 (MS)
Dissolved total manganese:	_____	SB915-0108-03 (MSD)
Dissolved Oxygen:	_____	

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/17/13	Personnel	KJK	Weather	Sunny ~60°F
Site Name	SB915 Closure	Evacuation Method	Pen	Well #	SB915-MW-109I
Site Location	Camillus, NY	Sampling Method	Pen	Project #	48127

Well information:

Depth of Well * 54.42 ft.
Depth to Water * 16.67 ft.
Length of Water Column 37.75 ft.

* Measurements taken from
- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 0945

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	19.38	12.91	8.46	54.70	-156	0.06	370	540	1.022
10	20.41	12.56	8.35	53.90	-153.7	0.04	304	350	
15	20.81	12.63	8.03	51.60	-147.7	0.05	352	300	
20	20.91	12.79	7.75	49.20	-144.4	0.05	253	300	1.024
25	20.97	12.77	7.54	47.70	-140.8	0.04	136	300	
30	20.94	12.69	7.38	45.3	-136.6	0.05	75	300	
35	20.96	12.68	7.28	43.7	-132.2	0.04	45.5	300	
40	21.11	12.98	7.21	42.1	-151.6	0.04	26.2	300	
45	21.17	12.95	7.17	41.0	-145.5	0.03	19.3	300	
50	21.20	13.14	7.13	39.4	-137.0	0.03	14.3	300	
55	21.27	12.95	7.12	38.90	-134.7	0.03	10.3	300	
60	21.33	12.99	7.11	38.0	-130.8	0.03	7.85	300	1.020
65	21.36	12.78	7.10	37.3	-129.8	0.03	7.21	300	
70	21.40	13.04	7.08	36.8	-126.6	0.02	6.59	300	1.020

End Purge Time: 1055

Water sample: SB915-0108-04

Time collected: 1110

Density Measurement Start 1.022 End 1.020

Total volume of purged water removed: 6 gal

Physical appearance at start
- Color: Light Grey
- Odor: Sulfur
- Sheen/Free Product: None

Physical appearance at sampling
- Color: Clear
- Odor: Sulfur
- Sheen/Free Product: None

Field Test Results:
- Dissolved ferrous iron:
- Dissolved total iron:
- Dissolved total manganese:
- Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5-17-13	Personnel	C.Yuri.V	Weather	
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-1105
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	20.20	ft.
Depth to Water *	3.80	ft.
Length of Water Column	16.40	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1005

Elapsed Time (min.)	(0.3-ft) Depth To Water * (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	4.78	10.36	6.94	5.70	-57.90	0.37	13.2	300
10	4.94	9.42	6.94	5.70	-57.20	0.24	11.1	300
15	4.90	9.90	6.94	5.50	-50.30	0.20	6.35	300
20	4.91	9.78	6.95	5.60	-48.0	0.14	5.02	300
25	4.92	9.69	6.95	5.70	-49.90	0.10	3.15	300
30	4.92	9.76	6.95	5.70	-44.60	0.04	2.72	300
35	4.93	9.81	6.94	5.80	-43.80	0.05	2.69	300
40	4.93	9.70	6.95	5.90	-42.30	0.06	2.41	300
45	4.93	9.43	6.95	5.80	-41.70	0.05	2.62	300
50	4.93	9.47	6.95	5.70	-41.00	0.04	2.22	300

End Purge Time: 1055

Water sample:

Time collected: 1110

Physical appearance at start

Color: clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: ~5 gal

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

* DTW Taken from protective casing

SB915-0104-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/14/13	Personnel	JAK	Weather	~50°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-1115
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	24.40	ft.
Depth to Water *	8.22	ft.
Length of Water Column	16.18	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1220

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	8.91	~~15.8~~	~~6.17~~	~~63.90~~	~~-31.20~~	~~0.13~~	~~11.20~~ 11.2	340	1.032
5	8.92	11.40	6.17	63.90	-31.20	0.13	9.69	280	
10	8.92	11.37	6.18	63.40	-30.00	0.06	77.8	280	
15	8.92	11.72	6.21	59.90	-29.10	0.04	49.0	280	
20	8.92	11.91	6.26	54.30	-29.10	0.03	33.3	280	
25	8.92	11.79	6.31	49.10	-29.70	0.03	22.8	280	
30	8.91	11.79	6.35	44.70	-30.30	0.03	22.7	280	
35	8.89	11.67	6.38	41.60	-30.80	0.03	18.3	280	
40	8.87	11.68	6.41	39.00	-31.00	0.03	16.0	280	
45	8.85	11.69	6.44	37.10	-30.60	0.02	11.6	280	
50	8.85	11.49	6.45	36.20	-30.20	0.02	12.6	280	
55	8.84	11.43	6.46	35.50	-30.10	0.02	12.7	280	1.016
60	8.83	11.50	6.48	33.90	-30.00	0.02	11.8	280	
65	8.84	11.46	6.49	32.90	-29.60	0.02	9.66	280	
70	8.83	11.47	6.51	31.40	-29.80	0.02	10.4	280	
75	8.83	11.53	6.51	31.30	-29.50	0.02	8.11	280	
80	8.83	11.62	6.40	29.40	-30.00	0.02	7.51	280	1.014
85	8.83	11.57	6.53	29.60	-29.30	0.02	6.94	280	
90	8.83	11.49	6.54	28.90	-29.10	002	7.34	280	

End Purge Time: 1315

Water sample:

Time collected: 1415

Physical appearance at start

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Density Measurement Start 1.032 End 1.014

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: NONE

Sheen/Free Product: NONE

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0105-06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/14/13	Personnel	AKM	Weather	50 - sunny
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-111I
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well * 66.10 ft.
Depth to Water * 8.23 ft.
Length of Water Column 57.87 ft.

* Measurements taken from
- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

iPad Rental

Start Purge Time: 1038

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	8.20	11.25	6.48	90.40	-16.40	0.41	155	400	1.048
10	8.20	11.21	6.38	88.90	-9.30	0.26	31.9	410	1.048
15	8.20	11.14	6.26	88.90	4.00	0.22	31.1	410	
20	8.20	11.14	6.26	88.20	6.20	0.20	31.1	410	
1101 25	8.21	11.24	6.25	87.90	7.60	0.18	10.2	410	
30	8.18	11.33	6.24	87.40	8.40	0.13	19.5	410	1.048
35	8.18	11.33	6.24	87.60	8.80	0.13	9.41	410	
40	8.18	11.28	6.26	87.40	8.90	0.09	7.19	410	
45	8.18	11.24	6.24	87.50	8.90	0.07	5.43	410	
50	8.18	11.37	6.24	87.00	8.80	0.06	5.56	410	
55	8.16	11.33	6.24	86.90	8.90	0.05	4.62	410	
1136 60	8.16	11.42	6.25	86.70	8.40	0.05	4.45	410	
65	8.16	11.41	6.24	86.50	8.10	0.04	4.93	410	1.046
70	8.16	11.42	6.26	86.60	7.80	0.04	3.81	410	
1151 75	8.16	11.41	6.24	86.30	7.40	0.004	3.44	410	

End Purge Time: 1151

Water sample:

Time collected: 1208

Physical appearance at start
Color: clear
Odor: none
Sheen/Free Product: none

Density Measurement Start 1.048 End 1.046

Total volume of purged water removed: 10 gallons

Physical appearance at sampling
Color: clear
Odor: none
Sheen/Free Product: none

Field Test Results:
Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

SB915-0105-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/14/13	Personnel	Matt Widay	Weather	Cloudy
Site Name	SB915 Closure	Evacuation Method	Desi	Well #	SB915-MW-111D
Site Location	Camillus, NY	Sampling Method	Desi	Project #	48127

Well information:

Depth of Well *	99.02	ft.
Depth to Water *	7.10	ft.
Length of Water Column	91.92	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 10:30

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	7.09	11.59	6.12	126.10	11.60	0.18	117	440	1.068
10	7.09	11.51 ~~11.59~~ MW	6.16	124.50	5.50	0.09	58.6	440	
15	7.09	11.48	6.19	123.50	3.40	0.07	35.7	440	
20	7.09	11.55	6.19	122.90	2.80	0.06	23.2	440	
25	7.09	11.47	6.20	123.00	2.30	0.06	13.3 ~~11.47~~ MW	440	
30	7.09	11.49	6.20	123.00	1.90	0.08	7.04	440	
35	7.09	11.57	6.21	119.40	2.20	0.05	6.56	440	
40	7.09	11.70	6.21	118.40	2.30	0.06	4.88	440	
45	7.09	11.74	6.21	117.20	2.30	0.06	3.97	440	
50	7.09	11.66	6.21	117.30	2.00	0.07	3.28	440	
55	7.09	11.65	6.21	115.30	2.50	0.07	2.66	440	1.072

End Purge Time: 11:20

Water sample: SB915-0105-03

Time collected: 11:35

Density Measurement Start 1.068 End 1.072

Total volume of purged water removed: ~7

Physical appearance at start

Color: cloudy/milky

Odor: none

Sheen/Free Product: none

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/14/13	Personnel	JWB	Weather	~45°F Clod/Sun
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW-111BR
Site Location	Camillus, NY	Sampling Method	Low flow	Project #	48127

Well information:

Depth of Well *	142.75	ft.
Depth to Water *	12.30	ft.
Length of Water Column	130.45	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1110

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
*Purged	5 gallons	but before	taking	readings	DTW	41.36		~~420~~
5	41.95	12.24	4.87	159.10	63.20	1.75	23.4	420
10	42.15	11.97	5.25	157.50	46.90	1.29	36.2	260
15	42.12	12.20	5.48	154.40	40.90	1.01	57.9	260
20	42.12	12.24	5.64	151.30	430.60	0.89	45.8	260
25	42.13	12.30	5.77	149.80	23.60	0.77	40.5	260
30	42.15	12.32	5.88	146.30	17.40	0.59	58.0	260
35	42.15	12.38	5.95	143.10	12.60	0.47	53.6	260
40	42.15	12.36	6.01	140.10	7.80	0.41	31.9	260
45	42.15	12.52	6.05	143.50	4.50	0.37	46.3	260
50	42.06	12.53	6.08	142.90	2.00	0.31	29.8	260
55	42.00	12.57	6.10	140.40	0.30	0.26	41.5	220
60	42.05	12.61	6.11	143.80	-1.00	0.21	33.4	240
65	42.02	12.65	6.12	143.20	-0.90	0.19	28.8	220
70	41.94	12.84	6.13	144.00	0.00	0.18	26.5	220
75	41.92	12.84	6.14	138.90	-1.60	0.16	23.2	220
80	41.92	13.02	6.14	136.50	-2.00	0.15	29.5	220
85	41.90	13.05	6.14	136.20	-3.20	0.15	19.3	220
90	41.97	13.07	6.15	138.20	-2.20	0.14	21.6	220

End Purge Time: 1140 *Purged 5 gallons + dropped DTW to 41.36

Water sample:

Time collected: 1305

Physical appearance at start

Color: Clear

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1114 End 1116

Total volume of purged water removed: ~12 gallons

Physical appearance at sampling

Color: Clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0105-05

SB915-0105-07(FD)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-17-13	Personnel	CYV	Weather	
Site Name	SB915 Closure	Evacuation Method	PERISTALTIC	Well #	SB915-MW-1125
Site Location	Camillus, NY	Sampling Method	LOW FLOW	Project #	48127

Well information:

Depth of Well *	20.06	ft.	* Measurements taken from
Depth to Water *	13.27	ft.	X Top of Well Casing
Length of Water Column	6.79	ft.	Top of Protective Casing
			(Other, Specify)

Start Purge Time: 1200

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	14.40	12.33	10.56	9.90	12.50	3.83	9.19	200
10	14.71	12.70	10.54	10.0	13.20	3.66	6.71	140
15	14.82	13.01	10.53	10.0	13.60	3.53	6.62	140
20	14.91	12.75	10.50	9.90	14.40	3.37	5.35	140
25	14.97	13.09	10.50	10.0	14.50	3.44	4.99	140
30	14.98	13.29	10.50	9.80	15.20	3.21	2.81	140
35	15.00	13.57	10.50	9.80	15.60	3.26	2.50	140
40	14.90	13.48	10.60	9.70	16.10	3.17	3.06	140

End Purge Time: 1240

Water sample:

Time collected: 1250

Physical appearance at start

Color: clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: ~2 gal

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0108-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/7/13	Personnel	JWR	Weather	~70°F Sunny
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-MW2-112J
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	58.54	ft.
Depth to Water *	16.30	ft.
Length of Water Column	42.24	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1016

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	16.34	13.13	6.22	82.30	9.40	0.16	>1000	240
10	16.34	13.17	6.22	82.10	10.90	0.17	894	240
15	16.34	13.51	6.22	81.90	11.30	0.13	823	240
20	16.30	13.12	6.22	83.40	13.10	0.13	336	160
25	16.30	13.91	6.22	81.70	12.20	0.00	279	160
30	16.30	13.81	6.23	81.70	13.40	0.08	208	160
35	16.30	13.87	6.23	82.40	13.60	0.08	164	160
40	16.30	14.03	6.23	82.00	14.10	0.06	127	160
45	16.30	14.27	6.22	81.70	13.70	0.05	115	160
50	16.30	14.43	6.22	81.10	13.60	0.06	97.5	160
55	16.30	14.48	6.22	81.40	13.50	0.06	74.7	160
60	16.30	14.75	6.22	81.10	13.60	0.05	60.7	160
65	16.30	14.57	6.23	81.00	14.30	0.05	46.8	160
70	16.30	14.74	6.22	81.70	14.70	0.05	40.3	160
75	16.30	14.86	6.22	81.80	14.90	0.07	35.1	160
80	16.30	14.09	6.23	82.10	16.10	0.06	32.0	160
85	16.30	14.26	6.23	82.50	16.20	0.06	33.0	160
90	16.30	14.31	6.23	82.00	16.60	0.05	28.5	160
95	16.30	14.41	6.23	82.00	16.80	0.04	30.1	160
100	16.30	14.30	6.23	82.00	17.50	0.03	31.4	160
105	16.30	14.23	6.23	82.30	18.00	0.03	24.4	160
110	16.30	14.42	6.23	82.30	17.30	0.03	20.3	160
115	16.30	14.69	6.23	81.50	17.50	0.02	23.9	160

End Purge Time: ~~1155~~ @ 1212

Water sample:

Time collected: 1235

Physical appearance at start

Color: V light Brown

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.040 End 1.042

Total volume of purged water removed: 4.5 gallons

Physical appearance at sampling

Color: clear

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0108-06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/17/13	Personnel	KJK/SJW	Weather	75/sunny
Site Name	SB915 Closure	Evacuation Method	Peri.	Well #	SB915-MW-1135
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well * 29.40 ft.
Depth to Water * 10.39 ft.
Length of Water Column 19.01 ft.

* Measurements taken from

Y	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1153

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	11.93	13.89	12.30	19.00	-77.80	0.22	24.5	280	
10	12.33	13.17	12.30	20.00	-74.60	0.03	47.2	280	
15	12.32	13.30	11.30	27.30	-57.10	-0.02	178	220	
20	12.32	14.08	11.34	20.90	-67.70	-0.03	136	220	
25	12.32	13.76	11.33	27.00	-70.30	-0.03	122	220	
30	12.32	13.90	11.34	27.00	-69.10	-0.03	101.0	220	
35	12.32	13.83	11.34	27.00	-67.80	-0.03	95.4	220	
40	12.32	14.08	11.30	27.10	-70.00	-0.03	88.5	220	
45	12.32	14.05	11.30	27.00	-69.30	-0.03	77.4	220	
50	12.32	13.34	11.31	27.20	-67.60	-0.03	88.0	220	
55	12.32	13.58	11.27	27.30	-67.90	-0.03	90.0	220	
100	12.32	14.04	11.28	27.00	-66.70	-0.03	44.9	220	new clean bottle
105	12.32	14.05	11.27	27.00	-64.80	-0.03	46.8	220	
70	12.32	13.94	11.27	27.20	-63.20	-0.03	43.8	220	

End Purge Time: 1310

Water sample:
Time collected: 1325
Physical appearance at start
Color Cloudy
Odor none
Sheen/Free Product none

Density Measurement Start 1.010 End 1.012
Total volume of purged water removed: 10 gal
Physical appearance at sampling
Color clear
Odor none
Sheen/Free Product none

Field Test Results:
Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:

SB915-0108-08

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	Matt Friday	Weather	Overcast - rain
Site Name	SB915 Closure	Evacuation Method	peristaltic	Well #	SB915-MW-115BR
Site Location	Camillus, NY	Sampling Method	peri	Project #	48127

Well information:

Depth of Well *	90.92	ft.
Depth to Water *	8.33	ft.
Length of Water Column	82.59	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 11:25

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	8.45	13.45	6.56	32.60	16.50	0.63	18.5	250	1.018
10	8.49	12.91	6.55	31.70	26.90	0.72	16.5	255	
15	8.50	12.72	6.55	31.90	26.10	1.67	19.8	250	
20	8.53	12.60	6.55	32.20	27.60	0.32	18.4	260	
25	8.56	12.58	6.55	34.30	26.00	1.22	28.7	260	
30	8.60	12.49	6.52	44.20	28.00	1.26	22.4	260	
35	8.61	12.54	6.52	50.10	26.30	1.48	11.1	260	
40	8.61	12.49	6.52	52.50	24.90	0.71	8.46	260	
45	8.62	12.47	6.52	53.20	24.10	0.31	7.15	260	
50	8.62	12.45	6.53	53.90	23.70	0.37	5.44	260	
55	8.62	12.39	6.53	54.80	23.30	0.56	5.43	260	
60	8.61	12.31	6.53	55.20	23.30	0.46	4.09	260	

End Purge Time: 12:30

Water sample:

Time collected: 12:55

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.018 End 1.016

Total volume of purged water removed: 5 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0101-04
SB915-0101-05 (FD)

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/7/13	Personnel	J.Bonc	Weather	~75°F Sun
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-MW-116S
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	20.06	ft.
Depth to Water *	5.27	ft.
Length of Water Column	14.79	ft.

* Measurements taken from

Y	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (µS/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	6.05	12.66	6.83	7899.00	26.9	0.20	13.6	200	1.002
10	6.17	12.16	6.89	6640.20	30.2	0.12	19.0	200	
15	6.07	12.24	7.01	4921.70	30.60	0.10	19.1	200	1.004
20	5.97	12.42	7.11	3465.30	30.70	0.23	19.3	200	
25	6.05	12.47	7.17	2675.60	30.20	0.40	14.0	200	
30	6.07	12.35	7.17	2514.00	30.00	0.37	9.74	200	
35	6.07	12.46	7.17	2485.60	29.90	0.36	7.56	200	
40	6.08	12.58	7.18	2391.80	30.40	0.31	5.88	200	
45	6.07	12.66	7.18	2288.30	29.70	0.29	4.59	200	
50	6.07	12.73	7.19	2253.60	29.70	0.29	5.82	200	
55	6.10	12.79	7.20	2158.20	29.90	0.31	4.27	200	
60	6.10	12.87	7.21	2056.80	30.20	0.41	4.34	200	
65	6.11	12.98	7.22	1958.50	30.40	0.50	4.69	200	
70	6.11	12.98	7.23	1895.40	30.60	0.63	5.09	200	
75	6.11	13.04	7.24	1835.20	30.70	0.74	4.49	200	
80	6.11	13.08	7.24	1748.80	30.60	0.76	3.87	200	
85	6.11	13.31	7.24	1719.60	32.00	0.66	2.48	200	
90	6.11	13.40	7.24	1669.10	31.20	0.58	2.65	200	
95	6.11	13.67	7.24	1614.20	31.00	0.50	1.97	200	
100	6.12	13.63	7.24	1574.70	30.90	0.49	2.63	200	
105	6.12	13.76	7.24	1561.40	31.40	0.53	2.45	200	

End Purge Time: 1207

Water sample:

Time collected: 1220

Physical appearance at start

Color: clear
Odor: NO
Sheen/Free Product: NO

Density Measurement Start 1.004 End 1.002

Total volume of purged water removed: ~6.0

Physical appearance at sampling

Color: clear
Odor: NO
Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

SB915-0100-05
In-Situ Rental-010

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/8/13	Personnel	J. Bone	Weather	~70°F Cloudy/Rain
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-117S
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	26.00	ft.
Depth to Water *	7.91	ft.
Length of Water Column	18.09	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1010

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	8.92	13.94	6.69	18.70	33.40	1.35	58.2	160
10	9.34	13.62	6.69	18.80	30.30	1.09	54.7	160
15	9.62	13.48	6.70	18.80	27.90	0.90	69.8	160
20	9.83	13.61	6.70	18.90	30.50	0.77	151	160
25	9.92	13.57	6.71	18.70	42.20	0.50	206	160
30	10.06	13.59	6.72	18.50	25.30	0.40	298	160
35	~~10.45~~ 14	13.61	6.73	18.10	24.20	0.32	518	160
40	10.20	13.61	6.73	18.10	23.70	0.27	413	160
45	10.26	13.58	6.73	~~18~~ 17.90	22.80	0.23	454	160
50	10.30	13.83	6.73	17.70	23.00	0.19	413	160
55	10.26	~~13~~ 14.05	6.74	17.50	22.50	0.18	566	160
* Turbidity will cont. to rise based on previous sampling events, collecting sample before it gets too high.								

Density 1.010

End Purge Time: 1106

Water sample:

Time collected: 1115

Physical appearance at start

Color: clear

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.010 End 1.010

Total volume of purged water removed: ~35 gal

Physical appearance at sampling

Color: V Light brown

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0101-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/7/13	Personnel	JAK	Weather	~75°F, Sunny
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-1185
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	~~15.43~~	ft.
Depth to Water *	4.26	ft.
Length of Water Column	11.17	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0945

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	4.90						34.6	200	1.014
5	4.97	12.49	6.71	21.60	34.70	0.09	38.9	200	
10	5.04	12.49	6.82	27.80	27.80	0.06	19.0	180	
15	5.25	12.56	6.83	~~28.28~~ 14.90	28.20	0.06	10.7	180	
20	5.29	13.30	6.79	17.30	32.20	0.23	6.02	120	
25	5.35	13.86	6.77	18.40	32.50	0.23	5.62	120	
30	5.47	14.24	6.76	19.40	31.50	0.23	5.92	120	
35	5.55	13.55	6.74	21.00	29.90	1.06	4.82	100	
40	5.63	13.59	6.73	21.70	29.10	1.03	5.34	100	
45	5.69	13.31	6.73	22.30	28.30	0.85	7.63	100	1.012
50	5.74	13.51	6.73	22.60	27.80	0.35	8.23	100	
55	5.78	13.45	6.72	22.70	27.80	0.32	7.13	100	
60	5.83	13.70	6.72	22.70	27.80	0.44	5.89	100	1.012
65	5.85	13.41	6.73	22.70	27.80	0.51	5.27	100	
70	5.89	13.49	6.72	22.90	28.00	0.29	6.77	100	
75	5.92	13.59	6.72	22.60	27.90	0.28	4.60	100	1.012
80	5.97	13.58	6.73	22.20	27.70	0.28	6.71	100	

End Purge Time: 1120

Water sample:

Time collected: 1150

Physical appearance at start

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Density Measurement Start 1.014 End 1.012

Total volume of purged water removed: ~3.5 gal

Physical appearance at sampling

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0100-01

In-situ Rental 07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	4/7/13	Personnel	AKM	Weather	Warm 75°
Site Name	SB915 Closure	Evacuation Method	peri pump	Well #	SB915-MW118BR
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well * 59.88 ft.
Depth to Water * 2.36 ft.
Length of Water Column 57.52 ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

SB915

Start Purge Time: 0948

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	2.42	14.26	6.84	10.30	-1.80	0.57	46.3	300	1.004
10	2.42	13.70	6.84	10.30	6.50	0.50	41.0	300	1.010
15	2.42	13.79	6.84	10.30	7.40	0.39	31.1	300	1.010
20	2.43	13.68	6.84	10.30	7.60	0.32	20.3	300	
25	2.42	12.93	6.84	10.50	7.60	0.28	13.4	300	1.010
30	2.42	12.84	6.84	10.50	7.50	0.22	12.0	300	
35	2.42	12.89	6.84	10.50	7.40	0.19	8.26	300	1.006
40	2.42	13.57	6.84	10.30	6.60	0.16	7.29	300	
45	2.41	13.70	6.84	10.30	6.50	0.14	5.48	300	1.006
50	2.41	13.68	6.84	10.30	7.60	0.12	7.34	300	
55	2.41	13.71	6.84	10.40	5.90	0.11	5.10	300	1.008
60	2.41	13.75	6.84	10.30	5.70	0.10	5.13	300	
65	2.41	13.70	6.84	10.30	5.40	0.09	4.34	300	1.006
70	2.41	13.70	6.84	10.30	5.30	0.09	3.98	300	
75	2.41	13.76	6.84	10.30	5.40	0.08	4.56	300	1.006
80	2.41	13.80	6.84	10.30	3.90	0.07	6.13	300	
85	2.41	13.84	6.84	10.30	4.30	0.07	5.28	300	1.006
90	2.41	13.95	6.84	10.30	4.10	0.06	4.43	300	
95	2.41	14.02	6.84	10.20	4.10	0.06	4.96	300	1.006
100	2.41	13.84	6.84	10.20	4.10	0.06	4.06	300	

End Purge Time: 1125

Water sample:

Time collected: 1200

Physical appearance at start
Color: Clear
Odor: none
Sheen/Free Product: none

Density Measurement Start 1.004 End 1.006

Total volume of purged water removed: 8.5 gallons

Physical appearance at sampling
Color: Clear
Odor: none
Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:
Dissolved total iron:
Dissolved total manganese:
Dissolved Oxygen:

Apple-In-Situ rental 04

SB915-0100-02

Analytical Parameters:

SB915-0100-03 MS
SB915-0100-04 MSD

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/9/13	Personnel	Matt Widay	Weather	Sunny, Warm
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915L PZ-07S
Site Location	Camillus, NY	Sampling Method	peri	Project #	48127

Well information:

Depth of Well *	20.06	ft.
Depth to Water *	6.09	ft.
Length of Water Column	13.97	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 10 35

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	6.14	11.48	12.55	8.80	10.90	3.10	2.79	300
10	6.14	11.13	12.57	8.90	5.10	2.55	1.32	300
15	6.16	10.62	12.59	8.80	-1.70	2.55	1.36	400
20	6.15	10.91	12.58	8.70	1.50	2.49	0.81	400
25	6.16	11.29	12.58	8.80	10.80	2.42	1.10	400
30	6.16	11.32	12.58	8.90	11.60	2.42	0.97	400
35	6.16	11.55	12.58	8.80	11.20	2.41	0.65	400

1.002

End Purge Time: 11:15

Water sample: SB915-0102-01

Time collected: 11:20

Density Measurement Start ~~1.002~~ 1.001 MSW End 1.002

Total volume of purged water removed: ~4 gal

Physical appearance at start

Color clear

Odor none

Sheen/Free Product none

Physical appearance at sampling

Color clear

Odor none

Sheen/Free Product none

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/9/13	Personnel	JAK	Weather	~65°F, overcast
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-PZ-07I
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	42.10	ft.
Depth to Water *	23.03	ft.
Length of Water Column	19.07	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1030

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	SPC
0	23.15						37.3	220	1.028
5	24.23	14.59	11.75	54.90	-174.20	1.59	31.7	200	
10	24.12	15.42	11.74	53.30	-169.00	1.02	38.1	200	
15	24.07	15.37	11.73	54.30	-169.90	1.07	48.1	200	
20	24.03	15.88	11.72	55.00	-165.50	0.97	22.1	200	
25	24.02	16.24	11.70	55.60	-162.80	0.91	18.2	200	
30	24.02	16.60	11.66	56.70	-163.50	0.82	12.1	200	
(1) 35	24.02						10.0	200	
50	24.01	17.62	11.63	58.00	-171.00	0.53	7.46	200	1.032
55	24.01	17.24	11.64	58.00	-175.60	0.52	6.26	200	
60	24.02	16.55	11.67	58.50	-169.80	0.49	6.27	~~200~~ 200	
65	24.05	16.95	11.65	59.00	-171.30	0.53	7.95	200	
70	24.07	17.35	11.64	58.60	-172.40	0.44	4.02	200	
75	24.07	17.98	11.62	57.80	-171.60	0.39	3.70	200	
80	24.09	18.07	11.62	57.30	-172.70	0.36	8.04	200	
85	24.09	17.83	11.63	57.00	-172.00	0.31	2.52	200	1.032
90	24.09	18.18	11.65	56.80	-171.80	0.30	3.92	200	
95	24.09	18.49	11.62	56.20	-172.10	0.25	2.67	200	
100	24.11	18.27	11.62	56.00	-170.20	0.05	1.98	200	
105	24.16	18.33	11.62	55.60	-170.60	0.02	3.54	200	
110	24.16	18.66	11.61	55.30	-171.50	0.01	2.34	200	1.032

End Purge Time: 1223

Water sample:

Time collected: 1240

Physical appearance at start

Color: Cloudy - Light brown

Odor: NONE

Sheen/Free Product: NONE

Density Measurement Start 1.028 End 1.032

Total volume of purged water removed: ~6.0 gal ~ 24L

Physical appearance at sampling

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0102-02
Rental 06

(1): iPod shut off due to high temp error. Restarted test @ 1118.

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/9/13	Personnel	JWB	Weather	~70°F Sun/clouds
Site Name	SB915 Closure	Evacuation Method	Geosub Pump	Well #	SB915-BZ-070
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	65.11	ft.
Depth to Water *	30.89	ft.
Length of Water Column	34.22	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1033

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	33.60	15.00	11.99	53.90	-189.20	5.05	59.3	400
10	33.90	14.99	12.01	53.00	-187.40	2.88	35.2	140
15	33.93	15.05	12.03	51.40	-181.70	1.20	34.5	140
20	34.18	14.78	12.04	51.50	-176.70	1.17	~~35.9~~ 33.5	140
25	34.29	15.06	12.03	50.50	-176.50	1.22	36.8	140
30	34.30	15.40	12.02	49.50	-172.10	1.20	30.1	140
X 35	34.55	Water Quality Meter Shut off					16.7	140
44	34.59	16.43	12.00	47.80	-174.00	1.06	15.7	140
49	34.62	15.89	12.01	49.80	-176.40	1.04	HNB 23.1	140
54	34.54	15.62	12.02	50.50	-178.40	1.03	21.5	140
59	34.57	15.39	12.02	51.10	-180.50	0.89	44.8	140
64	34.59	15.48	12.02	51.20	-182.70	0.80	14.6	140
69	34.60	15.98	12.00	52.30	-185.10	0.70	17.2	140
74	34.68	16.07	11.90	53.50	-189.70	0.61	8.69	140
79	34.77	16.02	11.99	53.10	-195.70	0.55	5.84	140
84	34.78	16.22	11.99	52.60	-193.20	0.50	13.4	140
89	34.74	16.92	11.97	52.00	-191.00	0.48	19.6	140
94	34.69	16.71	11.97	52.50	-191.60	0.48	12.6	140

End Purge Time: 1215

Water sample:

Time collected: 1220

Physical appearance at start

Color: Clear

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1.028 End 1.032

Total volume of purged water removed: ~4.0 gallons

Physical appearance at sampling

Color: Clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0102-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/20/15	Personnel	KJK	Weather	Sunny 275°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-IMW-01S
Site Location	Camillus, NY	Sampling Method	Peri	Project #	48127

Well information:

Depth of Well *	20.05	ft.
Depth to Water *	7.70	ft.
Length of Water Column	12.35	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1007

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	8.31	13.39	6.30	28.60	38.40	0.31	19.5	220	1.012
10	8.54	12.83	6.29	28.90	38.10	0.17	9.46	220	
15	8.72	13.05	6.31	28.60	39.00	0.13	5.81	200	
20	8.83	—	—	—	—	—	3.61	150	
25	8.97	13.72	6.37	26.20	29.60	0.11	2.29	150	
30	9.06	13.62	6.41	25.50	29.40	0.11	2.00	150	
35	9.22	13.95	6.38	25.10	36.60	0.13	2.70	150	
40	9.36	13.53	6.40	25.00	31.70	0.15	2.68	150	
45	9.51	13.44	6.44	24.90	32.90	0.18	1.83	150	1.012
50	9.63	13.68	6.44	24.70	34.20	0.20	2.34	150	1.012

End Purge Time: 1057

Water sample: ~~SB915-0109-04~~ SB915-0109-04

Time collected: 1120

Density Measurement Start 1.012 End 1.012

Total volume of purged water removed: 3 gal

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0109-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/20/13	Personnel	SJWASON	Weather	75/Sun
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-1MW-025
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well * 20.63 ft.
Depth to Water * 4.65 ft.
Length of Water Column 15.98 ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1125

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	9.87	12.67	6.58	51.40	6.30	0.02	14.8	500
10	10.2	12.89	6.47	51.80	11.30	0.02	11.0	380
15	10.39	13.00	6.42	52.30	12.70	0.02	11.7	380
20	10.31	12.99	6.41	52.50	4.20	0.02	108	320
25	10.31	13.17	6.39	52.60	4.70	0.02	84.0	320
30	10.32	13.27	6.38	53.00	5.50	0.02	66.7	320
35	10.32	13.27	6.37	53.10	5.90	0.02	70.8	320
40	10.33	13.32	6.37	53.20	6.60	0.02	70.2	320
45	10.32	13.20	6.36	53.20	7.50	0.02	71.9	320
50	10.40	13.08	6.35	53.20	8.30	0.02	67.7	320
55	10.46	13.08	6.34	53.30	9.70	0.02	118	320
100	10.33	13.31	6.34	53.40	9.40	0.02	108	280
105	10.34	13.50	6.33	53.50	10.50	0.02	102	280
70	9.96	13.50	6.32	53.50	12.00	0.02	105	280
75	9.89	13.51	6.32	53.40	12.50	0.02	93.1	280
80	9.90	13.68	6.32	53.20	13.20	0.02	97.0	280
85	9.84	13.71	6.32	53.40	14.00	0.02	77.9	280
90	9.82	13.77	6.32	53.30	14.80	0.02	79.6	280
95	9.81	13.45	6.32	53.90	15.20	0.02	82.4	280

End Purge Time: ~~1224~~ 1255

Water sample:
Time collected: 1321

Density Measurement Start 1.022 End 1.029
Total volume of purged water removed:

Physical appearance at start
Color clear/slightly cloudy
Odor none
Sheen/Free Product none

Physical appearance at sampling
Color clear
Odor no
Sheen/Free Product no

Field Test Results:
Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

SB915-0109-06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-20-13	Personnel	CJ	Weather	Sunny 70°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-1mw-035
Site Location	Camillus, NY	Sampling Method	Low flow	Project #	48127

Well information:

Depth of Well *	26.16	ft.	* Measurements taken from
Depth to Water *	7.80	ft.	TOC — Top of Well Casing
Length of Water Column	18.30	ft.	Top of Protective Casing
			(Other, Specify)

Start Purge Time: 1120

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	8.63	16.36	6.19	64.20	-60.20	0.04	171	220
10	9.37	15.69	6.19	67.00	-62.30	0.04	82.8	200
15	9.76	15.33	6.27	55.90	-66.60	0.03	38.2	200
20	10.05	15.40	6.31	51.20	-63.40	0.02	31.4	200
25	10.45	15.24	6.31	50.60	-58.10	0.02	25.4	200
30	10.67	15.21	6.30	51.40	-54.20	0.02	24.6	200
35	10.90	15.06	6.27	54.60	-52.10	0.03	28.0	200
40	11.16	15.38	6.27	52.70	-50.70	0.02	24.6	200
45	11.27	14.46	6.20	65.80	-47.40	0.02	44.2	200
50	11.40	15.21	6.25	54.90	-48.30	0.01	25.4	200
55	11.53	15.43	6.24	54.90	-45.90	0.02	28.7	200
60	11.57	15.20	6.24	55.60	-45.0	0.01	27.2	200

End Purge Time: 1215

Water sample:

Time collected: 1230

Physical appearance at start

Color: Dark Gray

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.034 End 1.026

Total volume of purged water removed: ~3.5 Gallons

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0109-05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/20/13	Personnel	KJC	Weather	Sunny ~ 80°
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915 IMW-04S
Site Location	Camillus, NY	Sampling Method	Peri	Project #	48127

Well information:

Depth of Well *	17.75	ft.
Depth to Water *	8.73	ft.
Length of Water Column	9.02	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1200

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	9.21	14.05	7.46	5.70	-111.10	6.70	31.0	220	1.002
10	9.32	13.63	7.46	5.70	-107.80	0.37	28.8	220	
15	9.41	13.78	7.41	5.50	-102.46	0.17	20.9	220	1.002
20	9.45	13.62	7.40	5.30	-102.80	0.13	14.4	220	
25	9.49	13.39	7.38	5.30	-101.80	0.06	10.6	220	
30	9.51	13.10	7.38	5.10	-100.10	0.04	9.08	220	
35	9.55	13.43	7.37	5.10	-99.20	0.03	6.54	220	1.002

End Purge Time: 1235

Water sample: SB915-0109-07

Time collected: 1245

Density Measurement Start 1.002 End 1.002

Total volume of purged water removed: 3 gal

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0109-07

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/20/13	Personnel	SJM ASOU	Weather	75/SUN
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-1MW-055
Site Location	Camillus, NY	Sampling Method	LOW FLOW	Project #	48127

Well information:

Depth of Well *	18.11	ft.
Depth to Water *	4.62	ft.
Length of Water Column	13.49	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0940

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	5.06	12.24	11.16	22.20	-140.60	0.02	7.18	360
10	5.09	12.33	11.18	22.10	-142.50	0.01	5.57	380
15	5.11	12.27	11.28	22.00	-143.10	0.00	3.64	380
20	5.13	12.12	11.32	21.90	-141.30	0.00	2.75	380
25	5.14	12.46	11.36	21.90	-140.90	0.01	3.21	380
30	5.16	12.37	11.41	21.90	-136.30	0.00	2.85	380

End Purge Time: 1010

Water sample:

Time collected: 1021

Physical appearance at start

Color: clear

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.010 End 1.009

Total volume of purged water removed: ~5 gal

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

SB915-0109-01

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-20-13	Personnel	CVV	Weather	Sunny 70F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-1MW-06S
Site Location	Camillus, NY	Sampling Method		Project #	48127

Well information:

Depth of Well *	15.32	ft.
Depth to Water *	4.12	ft.
Length of Water Column	11.20	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0940

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	4.45	12.51	12.11	20.50	-134.0	0.06	6.03	400
10	4.49	12.50	12.11	20.70	-133.4	0.03	3.29	400
15	4.49	12.53	12.12	20.80	-133.3	0.02	2.48	400
20	4.51	12.66	12.11	20.80	-133.9	0.01	1.91	400
25	4.51	12.49	12.12	20.80	-133.9	0.00	2.06	400
30	4.52	12.43	12.12	21.0	-134.9	0.00	2.12	400

End Purge Time: 1015

Water sample:

Time collected: 1036

Physical appearance at start

Color: clear

Odor: NO

Sheen/Free Product: NO

Density Measurement Start 1.010 End 1.008

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: NO

Sheen/Free Product: NO

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0109-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/22/13	Personnel	AKM/KJC	Weather	Overcast/rainy 78° humid
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-WB-01L
Site Location	Camillus, NY	Sampling Method	low flow	Project #	48127

Well information:

Depth of Well *	~~68.77~~	ft.
Depth to Water *	24.65	ft.
Length of Water Column	44.12	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 1215

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	24.84	13.57	7.14	1.20	-13.90	0.27	33.0	400
10	24.86	13.68	7.10	1.50	-27.50	0.20	23.5	400
15	24.80	13.80	7.09	1.60	-27.20	0.15	21.7	400
20	24.80	13.90	7.03	1.60	-24.70	0.12	36.7	400
25	24.80	13.84	7.07	1.60	-22.50	0.11	26.4	400
30	24.80	13.80	7.07	1.60	-20.90	0.11	21.4	400
35	24.80	13.99	7.06	1.60	-20.00	0.13	15.0	400
40	24.80	14.02	7.06	1.60	-19.10	0.15	18.8	400
45	24.80	14.03	7.05	1.60	-18.40	0.14	13.7	400
50	24.80	14.20	7.05	1.60	-18.00	0.13	12.1	400
55	24.80	14.16	7.05	1.60	-17.4	0.12	9.91	400

Density 1.002

End Purge Time: 1310

Water sample: SB915-0111-09

Time collected: 1315

Density Measurement Start 1.002 End

Total volume of purged water removed:

Physical appearance at start

Color: Clear
Odor: none
Sheen/Free Product: None

Physical appearance at sampling

Color: clear
Odor: none
Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: —
Dissolved total iron: —
Dissolved total manganese: —
Dissolved Oxygen: —

~~SB915~~

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/24/13	Personnel	JWB/AKM/CW	Weather	rainy 42°
Site Name	WB13 SCA	Evacuation Method	Peristaltic	Well #	SB915-WB-03L
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	46698

Well information:

Depth of Well *	79.35	ft.
Depth to Water *	28.25	ft.
Length of Water Column	51.10	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 1034

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) (uS/cm) Conductivity (~~ms/cm~~)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	28.61	9.06	6.89	59351.7	-120.50	0.11	780	340	1.008
10	28.50	9.03	6.58	61172.00	-45.70	0.13	73.1	320	
15	28.50	8.99	6.54	61437.30	-28.00	0.12	27.7	320	
20	28.50	9.03	6.52	62246.7	-20.80	0.11	16.5	320	
25	28.50	9.03	6.52	62746.80	-17.30	0.10	15.5	320	
30	28.49	8.98	6.51	63021.80	-14.20	0.10	12.5	320	
35	28.49	8.98	6.50	63928.50	-10.60	0.10	10.4	320	1.028

1100

End Purge Time: 1109

Water sample:

Time collected: 1120

Physical appearance at start

Color: slightly cloudy

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.008 End 1.028

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0113-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/15/13	Personnel	Matt Widay	Weather	Rain, 50-60°F
Site Name	SB915 Closure	Evacuation Method	peristaltic	Well #	SB915-WB-05U
Site Location	Camillus, NY	Sampling Method	peristaltic low flow	Project #	48127

Well information:

Depth of Well *	14.59	ft.
Depth to Water *	10.48	ft.
Length of Water Column	4.11	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 10:00

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	10.57	10.28	10.86	14.00	34.50	2.60	1.05	280	1.004
10	10.58	10.22	11.51	17.50	19.80	1.38	0.56	280	
15	10.58	10.20	11.55	17.70	20.80	1.39	1.14	320	
20	10.58	10.17	11.57	17.70	21.40	1.37	0.52	300	
25	10.59	10.17	11.61	18.10	21.30	1.27	0.62	340	
30	10.59	10.17	11.62	17.80	21.60	1.28	0.54	340	1.008

End Purge Time: 10:30

Water sample: SB915-0106-01

Time collected: 10:40

Density Measurement Start 1.004 End 1.008

Total volume of purged water removed: ~3 gallons

Physical appearance at start

Color: clear

Odor: none

Sheen/Free Product: none

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/15/13	Personnel	SJWASON	Weather	60/rain
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-WB-057
Site Location	Camillus, NY	Sampling Method	LOW FLOW	Project #	48127

Well information:

Depth of Well *	121.60	ft.
Depth to Water *	21.20	ft.
Length of Water Column	100.40	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
1004 5	21.25	11.32	10.85	133.80	-107.80	0.28	9.94	240	1.058
10	21.25	11.18	10.77	133.90	-88.00	0.30	7.76	230	
15	21.24	11.18	10.60	134.20	-64.60	0.18	2.76	240	
20	21.23	11.13	10.55	133.80	-57.10	0.13	2.54	240	
25	21.24	11.09	10.53	133.80	-55.10	0.12	2.20	240	
30	21.24	11.09	10.49	133.00	-49.00	0.11	1.97	240	
35	21.24	11.11	10.46	132.00	-44.80	0.10	1.55	240	
40	21.25	11.12	10.44	132.60	-40.80	0.10	1.86	240	1.080

End Purge Time: 1045

Water sample:
Time collected: 1100

Density Measurement Start 1.058 End 1.080
Total volume of purged water removed: 3

Physical appearance at start
Color grey cloudy
Odor none
Sheen/Free Product none

Physical appearance at sampling
Color clear
Odor none
Sheen/Free Product none

Field Test Results:
Dissolved ferrous iron: _____
Dissolved total iron: _____
Dissolved total manganese: _____
Dissolved Oxygen: _____

SB915-0100-002

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-15-13	Personnel	CVV	Weather	Rain 60°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-WB-85M
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	64.57	ft.
Depth to Water *	19.23	ft.
Length of Water Column	45.34	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0955

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	19.24	11.50	6.67	29.90	-23.50	0.15	15.3	400
10	19.24	11.35	6.58	31.60	-14.10	0.11	4.86	400
15	19.23	11.29	6.57	32.30	-17.80	0.08	4.00	400
20	19.24	11.27	6.57	32.50	-17.10	0.07	2.79	400
25	19.24	11.24	6.58	32.60	-16.40	0.07	1.85	400
30	19.23	11.23	6.58	32.70	-15.80	0.06	1.70	400
35	19.23	11.22	6.58	32.50	-15.50	0.06	1.36	400
40	19.23	11.23	6.58	32.40	-14.40	0.05	2.08	400
45	19.23	11.24	6.58	32.20	-14.50	0.05	1.41	400
50	19.23	11.26	6.58	32.40	-14.20	0.05	1.80	400

End Purge Time: 1050

Water sample:

Time collected: 1055

Physical appearance at start

Color: clear

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.017 End 1.014

Total volume of purged water removed: ~6.5 gal

Physical appearance at sampling

Color: clear

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0106-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5.15.13	Personnel	JWB	Weather	~50° Rainy
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-WR-05R
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	157.40	ft.
Depth to Water *	25.55	ft.
Length of Water Column	131.85	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	47.14	11.30	6.20	206.30	-0.60	0.09	28.9	500
10	47.24	11.38	6.23	203.00	-3.30	0.06	21.4	500
15	47.25	11.43	6.25	197.50	-2.90	0.06	17.6	500
20	47.23	11.47	6.27	197.20	-1.80	0.12	17.0	500
25	47.20	11.52	6.28	201.80	-1.10	0.05	14.3	500
30	47.05	11.56	6.29	201.80	-0.00	0.04	13.2	500
35	46.85	11.58	6.29	201.80	-0.40	0.03	12.5	500
40	47.10	11.64	6.30	200.00	#1.00	0.03	17.0	500

End Purge Time: 1052 * Purged ~5 gallons before starting readings DTW: 48.0 ft

Water sample:

Time collected: 1105

Physical appearance at start

Color: Clear
Odor: no
Sheen/Free Product: no

Density Measurement Start 1.132 End 1.132

Total volume of purged water removed: ~~~~15 gallons

Physical appearance at sampling

Color: clear
Odor: no
Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron: /
Dissolved total iron: /
Dissolved total manganese: /
Dissolved Oxygen: /

SB915-0106-04

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-23-13	Personnel	CJV	Weather	~~SB915-WB-06~~ Sunny 70's F
Site Name	~~WB13 SCA~~ SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-WB-06
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	46698

Well information:

Depth of Well *	82.00	ft.	* Measurements taken from
Depth to Water *	12.52	ft.	X Top of Well Casing
Length of Water Column	69.48	ft.	Top of Protective Casing
			(Other, Specify)

Start Purge Time: 1130

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	13.26*	12.83	6.47	116.00	-30.30	0.22	118	340
10	13.26	12.62	6.35	117.80	-18.70	0.13	35	340
15	13.24	12.66	6.31	118.10	-14.20	0.11	21.7	340
20	13.24	12.62	6.29	117.60	-11.15	0.09	16.8	380
25	13.24	12.76	6.27	117.80	-9.20	0.08	14.1	380
30	13.24	12.58	6.26	118.0	-7.70	0.08	14.6	380
35	13.24	12.49	6.27	118.10	-8.20	0.08	14.1	380

End Purge Time: 1200 Combination for parking lot lock: 4722

Water sample:

Time collected: 1210

Physical appearance at start

Color: clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.062 End 1.066

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0112-07

* DTW from Top of Protective Casing

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/22/13	Personnel	AKM	Weather	overcast, 75 humid
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-WB-07U
Site Location	Camillus, NY	Sampling Method	low-flow	Project #	48127

Well information:

Depth of Well *	55.80	ft.
Depth to Water *	9.25	ft.
Length of Water Column	46.55	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1023

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	9.25	15.06	6.47	26.30	-15.10	0.43	120	300	1.016
10	9.25	14.15	6.47	26.90	-8.10	0.25	15.2	300	
15	9.25	14.12	6.47	27.00	-4.70	0.13	3.67	300	1.014
20	9.25	14.07	6.47	27.00	-2.50	0.08	2.11	300	
25	9.25	14.07	6.47	26.90	-0.80	0.06	1.59	300	
30	9.25	13.93	6.47	26.90	0.70	0.05	1.32	300	
35	9.27	13.75	6.47	27.00	1.50	0.04	1.55	300	1.012
40	9.27	13.72	6.47	26.90	1.60	0.04	0.98	340	
45	9.27	13.79	6.47	27.00	2.90	0.04	0.87	340	
50	9.27	13.84	6.47	27.00	3.90	0.03	0.97	340	
55	9.27	13.84	6.47	27.00	4.20	0.03	0.72	340	1.012
60	13	13.83	6.47	26.80	4.80	0.03		340	

End Purge Time: 1118

Water sample:

Time collected: 1141

Density Measurement Start 1.016 End 1.012

Total volume of purged water removed:

Physical appearance at start

Color: clear - slight hint of orange

Odor: none

Sheen/Free Product: none

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0111-04

SB195-0111-05 FD

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/22/13	Personnel	IZ JK	Weather	Overcast ~ 80°F
Site Name	SB915 Closure	Evacuation Method	Peri	Well #	SB915-WB-07L
Site Location	Camillus, NY	Sampling Method	Peri	Project #	48127

Well information:

Depth of Well *	79.66	ft.
Depth to Water *	10.20	ft.
Length of Water Column	1020	ft.

* Measurements taken from

x	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

MS/MSD

Start Purge Time: _____

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
5	10.26	14.49	6.58	87.10	-48.30	0.37	11.5	340	1.040
10	10.25	14.04	6.39	87.20	-21.60	0.11	7.02	330	
15	10.25	14.05	6.27	87.70	-3.80	0.08	5.25	380	1.044
20	10.25	14.08	6.25	87.60	-0.20	0.07	5.78	380	
25	10.25	14.09	6.25	87.10	2.20	0.06	4.16	380	
30	10.25	13.95	6.24	87.40	3.76	0.05	3.80	380	

End Purge Time: 1050

Water sample: SB915-0111-01 -02 MS -03 MSD

Time collected: 1115

Physical appearance at start

Color: Clear

Odor: None

Sheen/Free Product: None

Density Measurement Start 1.040 End 1.044

Total volume of purged water removed: 4 gal

Physical appearance at sampling

Color: Clear

Odor: None

Sheen/Free Product: None

Field Test Results:

Dissolved ferrous iron: _____

Dissolved total iron: _____

Dissolved total manganese: _____

Dissolved Oxygen: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/20/13	Personnel	AKM	Weather	Sunny @ 75°F
Site Name	SB915 Closure	Evacuation Method	Grundfos	Well #	SB915-WB-07R
Site Location	Camillus, NY	Sampling Method	low flow	Project #	48127

Well information:

Depth of Well *	114.59	ft.
Depth to Water *	14.70	ft.
Length of Water Column	99.89	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: ~~1200~~ 1015

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	18.00	16.15	7.10	179.50	-9.70	0.98	73.9	100	1.102
10	18.45	18.79	7.09	177.90	-9.40	1.07	48.0	140	
15	18.87	18.12	7.10	176.90	-10.50	1.12	50.4	120	
20	Purged to ~40ft.								
25									
30	40.20	14.58	7.15	179.00	-31.10	0.09	6.4	320	1.102
35	44.44	15.75	7.13	177.80	-33.90	0.10	45.1	200	
40	44.60	16.70	7.12	176.90	-36.40	0.10	43.0	160	
45	44.62	17.31	7.12	175.80	-37.80	0.11	55.8	160	1.102
50	44.55	17.50	7.12	175.80	-38.90	0.12	61.5	140	
55	44.55		[illegible]				64.5	140	
60	44.55						75.6	140	
80	44.55	17.76	7.01	176.40	-51.90	0.07	114	140	1.102
85	44.32	17.63	6.99	175.40	-47.60	0.06	90.7	140	
90	44.44	17.32	6.99	176.40	-44.90	0.06	77.5	140	
95	44.44	17.59	6.99	176.40	-45.10	0.06	73.7	140	
100	44.44	18.30	7.00	175.30	-47.30	0.06	72.5	140	
105	44.44	18.08	7.01	174.50	-46.00	0.05	66.3	140	1.102
110	44.44	18.03	7.01	174.30	-45.30	0.05	61.0	140	

End Purge Time: 1215

Water sample:

Time collected: 1240

Physical appearance at start

Color: clear-slightly cloudy

Odor: none

Sheen/Free Product: none

Density Measurement Start ~~1.00~~ 1.102 End 1.102

Total volume of purged water removed:

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

Rental 04

** - iPod overheat - collected depth Turb and flow until cooled down.

SB915-0109-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — Low Flow Ground Water Sampling Log

Date	5/21/13	Personnel	AKM	Weather	Sunny 75
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-WB-09U
Site Location	Camillus, NY	Sampling Method	low flow	Project #	48127

Well information:

Depth of Well *	14.56	ft.
Depth to Water *	9.28	ft.
Length of Water Column	5.28	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 0935

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	11.30	13.47	6.84	2.20	26.80	0.79	19.7	200	1.002
10	11.68	13.77	6.82	2.90	-1.90	0.61	29.8	160	
15	11.68	13.78	8.73	11.10	-132.20	4.87	159.0	160	
20	11.68	14.02	11.01	12.10	-132.50	5.35	22.0	160	1.004
25	11.68	14.37	11.21	11.80	-103.10	5.95	10.3	160	
30	11.68	14.30	11.39	11.60	-98.80	6.22	9.49	160	
35	11.68	14.27	11.46	13.70	-97.70	5.82	6.37	160	
40	11.68	14.38	11.49	13.50	-96.70	5.75	4.51	160	
45	11.68	14.31	11.51	11.90	-95.20	5.78	3.85	160	
50	11.68	14.56	11.52	14.20	-94.80	5.81	4.37	160	
55	11.68	14.45	11.54	7.20	-93.30	6.06	3.55	160	
60	11.68	14.38	11.54	10.40	-92.10	5.97	4.09	160	1.004
65	11.68	14.20	11.56	13.50	-90.90	6.08	3.67	160	
70	11.68	14.85	11.54	13.50	-92.50	5.95	3.28	160	
75	11.68	14.38	11.57	13.50	-90.90	6.14	3.59	160	
80	11.68	14.86	11.56	13.50	-92.00	6.05	3.69	160	
85	11.68	14.70	11.56	12.60	-91.00	6.04	3.38	160	
90	11.68	15.43	10.55	10.50	-93.00	6.05	3.63	160	1.004
95	11.68	14.98	11.57	8.60	-91.60	6.13	3.91	160	
100	11.68	15.06	11.57	7.80	-91.70	6.31	4.05	160	
105	11.68	15.65	11.56	11.90	-92.90	6.32	4.14	160	
110	11.68	15.73	11.56	13.80	-93.40	6.09	4.57	160	

End Purge Time: 1130

Water sample:

Time collected: 1154

Physical appearance at start

Color: Clear

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.002 End 1.004

Total volume of purged water removed:

Physical appearance at sampling

Color: Clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

SB915-0110-03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/21/13	Personnel	JAK	Weather	~60F, overcast
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-MW-09L
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	74.75	ft.
Depth to Water *	6.08	ft.
Length of Water Column	68.67	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 0935

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	6.07						71.4	260	1.048
5	6.07	13.58	6.16	97.30	7.80	0.16	10.7	240	
10	6.07	13.52	6.18	96.80	9.30	0.10	13.2	240	
15	6.07	13.54	6.19	95.90	10.80	0.07	11.0	240	
20	6.07	13.67	6.20	95.80	11.40	0.05	80.4	240	
25	6.07	13.77	6.20	95.50	12.20	0.05	58.1	240	
30	6.07	13.58	6.21	95.50	13.10	0.04	44.8	240	
35	6.07	13.53	6.21	95.90	13.80	0.04	32.5	240	
40	6.07	13.77	6.21	95.10	14.10	0.04	28.0	240	
45	6.07	13.76	6.21	94.90	14.40	0.04	22.1	240	
50	6.07	13.68	6.22	95.30	14.80	0.04	17.7	240	1.052
55	6.07	13.81	6.22	95.30	14.80	0.04	19.7	240	
60	6.07	13.85	6.22	94.90	15.20	0.03	18.0	240	

End Purge Time: 1055

Water sample:

Time collected: 1050

Physical appearance at start

Color: Cloudy - Light brown

Odor: NONE

Sheen/Free Product: NONE

Density Measurement Start 1.048 End 1.052

Total volume of purged water removed: ~5.0 gal

Physical appearance at sampling

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0110-01

Rental CIO

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc.

Low Flow Ground Water Sampling Log

Date	5-21-13	Personnel	CW	Weather	Sunny 75°F
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	SB915-WB-10M
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	19.15	ft.
Depth to Water *	10.28	ft.
Length of Water Column	8.87	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 1210

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	13.15	12.00	6.44	62.30	60.30	0.06	43.2	500
10	15.60	12.10	6.46	61.80	-61.40	0.35	130	500
15	17.50	12.39	6.46	60.90	-60.80	0.44	55.1	500
20	18.60	12.46	6.63	66.60	-82.80	0.51	75.6	500
~~25~~	~~DRY~~							~~500~~
25	DRY	—	—	—	—	—	—	—
5/22/13	10.25							
	Filling sample bottles using peristaltic Pump							

End Purge Time: 1235

Water sample:

Time collected: 5/22/13 @ 1040

Physical appearance at start

Color: clear

Odor: ND

Sheen/Free Product: ND

Density Measurement Start 1.032 End 1.030

Total volume of purged water removed: ~1 gall

Physical appearance at sampling

Color: dark brown

Odor: ND

Sheen/Free Product: ND

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0111-~~0~~06

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5-21-13	Personnel	CYY	Weather	Sunny 71°F
Site Name	SB915 Closure	Evacuation Method	PERISTALTIC	Well #	SB915-WB-10L
Site Location	Camillus, NY	Sampling Method	Low Flow	Project #	48127

Well information:

Depth of Well *	74.24	ft.
Depth to Water *	7.40	ft.
Length of Water Column	66.84	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0940

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)
5	7.49	13.80	6.27	94.70	-7.20	0.10	412	380
10	7.44	13.61	6.31	94.60	-5.40	0.06	283	300
15	7.44	13.68	6.32	94.70	-4.40	0.05	179	300
20	7.44	13.85	6.32	94.10	-3.50	0.04	117	300
25	7.44	13.81	6.32	94.20	-3.10	0.04	101	300
30	7.44	13.72	6.33	93.60	-1.90	0.03	36.7	300
35	7.44	13.58	6.32	94.0	-0.80	0.03	29.4	300
40	7.44	13.40	6.32	94.0	0.20	0.03	21.0	300

End Purge Time: 1020

Water sample:

Time collected: 1031

Physical appearance at start

Color: cloudy

Odor: no

Sheen/Free Product: no

Density Measurement Start 1.050 End 1.010

Total volume of purged water removed: 4 gal

Physical appearance at sampling

Color: clear

Odor: no

Sheen/Free Product: no

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0110-02

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	5/23/13	Personnel	JAK	Weather	~60°F overcast
Site Name	SB915 Closure	Evacuation Method	Peristaltic	Well #	WB18-MW-14D
Site Location	Camillus, NY	Sampling Method	Low-Flow	Project #	48127

Well information:

Depth of Well *	59.64	ft.
Depth to Water *	5.89	ft.
Length of Water Column	53.75	ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 0925

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	
0	7.22						60.3	140	1.030
5	7.97	14.96	6.34	65.30	-16.50	0.21	24.1	120	
10	8.61	14.82	6.35	65.50	-13.80	0.12	21.2	120	
15	8.96	14.72	6.35	66.20	-12.00	0.10	18.9	120	
20	9.40	14.92	6.35	65.60	-10.80	0.11	30.5	120	
25	9.64	15.12	6.35	65.60	-10.00	0.11	35.5	110	
30	9.89	15.10	6.35	65.40	-8.90	0.10	42.8	110	
35	10.13	15.37	6.35	65.30	-8.20	0.09	48.8	110	
40	10.42	15.80	6.35	64.70	-8.00	0.09	46.7	110	
45	10.59	15.62	6.35	65.00	-7.00	0.08	60.5	110	
50	10.75	15.32	6.36	64.60	-5.90	0.08	56.8	110	
55	10.95	15.12	6.36	64.90	-5.20	0.08	59.1	110	1.031
60	11.09	15.13	6.36	64.80	-4.60	0.07	67.8	110	
65	11.15	15.66	6.35	64.50	-4.70	0.07	67.9	110	
70	11.34	15.60	6.35	64.40	-4.10	0.07	64.9	110	

End Purge Time: 1115

Water sample:

Time collected: 1110

Physical appearance at start

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Density Measurement Start 1.030 End 1.032

Total volume of purged water removed: ~2.5 gal

Physical appearance at sampling

Color: Clear

Odor: NONE

Sheen/Free Product: NONE

Field Test Results:

Dissolved ferrous iron:

Dissolved total iron:

Dissolved total manganese:

Dissolved Oxygen:

SB915-0112-04

Rental 010

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

O'Brien & Gere Engineers, Inc. — **Low Flow Ground Water Sampling Log**

Date	4/23/13	Personnel	HKM	Weather	WB18 overcast 68°
Site Name	~~WB13 SCA~~ SB915 Closure	Evacuation Method	Peristaltic	Well #	[redacted] - MW-14BR
Site Location	Camillus, NY	Sampling Method	low-flow	Project #	46698

Well information:

Depth of Well *	120.69	ft.
Depth to Water *	9.12	ft.
Length of Water Column	111.57	ft.

* Measurements taken from

- [X] Top of Well Casing
- [ ] Top of Protective Casing
- [ ] (Other, Specify)

Start Purge Time: 0935

Elapsed Time (min.)	(0.3-ft) Depth To Water (ft)	(3%) Temperature (celsius)	(0.1) pH	(3%) Conductivity (ms/cm)	(10 mV) Oxidation Reduction Potential	(10%) Dissolved Oxygen (mg/l)	(10%) Turbidity (NTU)	(100-500 ml/min) Flow Rate (ml/min)	Density
5	9.25	[redacted] 13.98	6.73	195.40	-50.40	0.13	307	400	1.102
10	9.25	13.64	6.74	198.50	-45.10	0.12	251	400	
15	9.25	13.61	6.72	196.70	-38.20	0.11	256	400	
20	9.25	13.67	6.72	191.50	-32.20	0.10	149	400	1.120
25	9.25	13.53	6.70	193.20	-28.80	0.09	150	400	
30	9.25	13.91	6.69	191.10	-28.10	0.09	128	400	
35	9.25	13.85	6.70	189.90	-27.20	0.08	90.3	400	
40	9.25	13.78	6.68	189.30	-25.40	0.08	81.4	400	
45	9.25	13.62	6.68	190.10	-24.00	0.06	69.3	400	1.120
50	9.25	13.63	6.66	191.20	-24.40	0.07	104	400	
55	9.25	13.71	6.67	189.90	-23.40	0.07	85.6	420	
60	9.25	14.03	6.65	189.50	-22.20	0.07	55.1	420	
65	9.25	14.21	6.66	188.50	-22.90	0.06	80.8	400	
70	9.25	14.39	6.67	187.70	-22.90	0.06	53.1	420	
75	9.25	14.08	6.65	188.70	-22.70	0.06	33.9	420	1.118
80	9.25	13.94	6.65	188.96	-21.80	0.06	60.5	420	
[redacted]	~~9.25~~							~~420~~	

End Purge Time: 1100 ~~Combination for parking lot 1122~~

Water sample:

Time collected: 1125

Physical appearance at start

Color: slightly cloudy

Odor: none

Sheen/Free Product: none

Density Measurement Start 1.118 End 1.118

Total volume of purged water removed: 10 gallons

Physical appearance at sampling

Color: clear

Odor: none

Sheen/Free Product: none

Field Test Results:

Dissolved ferrous iron: —

Dissolved total iron: —

Dissolved total manganese: —

Dissolved Oxygen: —

[redacted] SB915-0112-01

SB915-0112-02 MS

SB915-0112-03 MSD

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH

APPENDIX B

3rd Quarter 2013 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW42I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow / Purge
Equipment Used: grundfos / Bailer
Pump/Controller ID#:
Field Personnel: Cah
Date: 9-10-13
Weather: Cloudy, muggy, 70

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 47.82 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: Color Milky Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	51.32	14.63	11.97	102.80	-81.00	0.46	40.0	120	1.052
10	51.93	15.12	11.96	103.30	-47.60	0.49	11.3	160	1.056
15	52.54	~~15.12~~ 16.26	11.92	104.10	-109.40	0.45	25.9	160	1.056
20	53.18	15.84	11.93	104.90	-111.70	0.32	21.9	120	1.054
25	53.59	16.34	11.91	105.40	-103.70	0.29	14.5	160	1.054
30	54.24	16.96	11.89	105.20	-90.30	0.32	13.7		
35	54.86	17.43	11.89	103.70	-74.30	0.41	10.83		
40	55.48	18.08	11.87	103.30	-64.40	0.56	6.43	170	1.054
45	56.44	19.18	11.84	102.30	-63.70	0.69	4.41		
50	56.67	20.08	11.83	101.20	-60.30	0.78	4.92		
55	56.70	19.93	11.84	100.00	-54.70	0.89	6.56		
60	57.30	18.79	11.89	99.30	-45.80	1.01	3.26		
65	57.59	18.88	11.87	100.40	-41.00	1.09	3.69	240	1.054
70	58.05	19.22	11.85	101.70	-50.30	1.14	3.73		
75	58.19	20.35	11.83	100.50	-52.90	1.14	4.46		
80	58.60	20.33	11.84	99.50	-55.80	1.18	4.27		
85	59.00	20.27	11.83	100.10	-52.50	1.21	6.19		
90	60.24	20.82	11.80	102.20	-66.60	1.25	7.82		
95	61.02	23.16	11.72	101.80	-85.10	1.20	7.42		
100	62.05	23.48	11.75	97.60	-75.00	1.29	5.39		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:47
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 7.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.072

Sample ID: SB915-8137-02 Sample Time: 1416 on 9.11.13

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Used a PVC Bailer to collect sample on 9.11.13.

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-42I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
	63	*Continued from previous page.*							
105	~~64.40~~	22.35	11.75	102.20	~~88.00~~	1.33	4.95		
110	63 ~~64.69~~	24.24	11.71	99.60	-73.30	1.31	7.77		
115	64.37	23.25	11.76	96.60	-34.30	1.50	6.87		
120	65.08	22.41	11.77	99.90	-25.80	1.53	6.29		
125	65.42	23.43	11.73	101.50	-30.10	1.46	6.28		
130	66.10	23.20	11.73	102.80	-40.40	1.48	4.99		
135	66.42	23.39	11.71	105.50	-76.20	1.47	5.06		
140	67.75	23.97	11.68	107.40	-111.00	1.52	3.67		
	67.80								
	well dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-05L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: peri
Pump/Controller ID#:
Field Personnel: SJW
Date: 9/11/13
Weather: 90/sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 121.60 ft. bmp.
Depth to Water*: ~~Dry~~ 21.14 ft
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1215
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	← battery pack turned off →						28.1	340	1.050
10	21.23	14.87	10.42	134.40	-47.40	0.24	11.8	340	—
15	21.26	14.58	10.34	132.80	-36.80	0.21	9.56	340	—
20	21.22	14.54	10.29	132.90	-31.20	0.18	5.93	340	—
25	21.22	14.50	10.28	131.10	-28.00	0.20	7.84	340	—
30	21.23	14.40	10.26	131.20	-25.30	0.20	10.53	340	1.084
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: gal.
DO Titrataion = mg/L

Final Observations: Color Odor Sheen/Free Product
Specific Gravity 1.084

Sample ID: SB915-0137-01 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-42S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: JWB
Date: 9/10/13
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 41.75 ft. bmp.
Depth to Water*: 41.31 ft.
Length of Water Column (LWC): 0.44 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X Not enough water to Sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: MJW
Date: 9/10/13
Weather:

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 36.16 ft. bmp.
Depth to Water*: dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to Sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-515
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: MJW
Date: 9/10/13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 35.28 ft. bmp.
Depth to Water*: dry ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry, no sample collected								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-40S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: MJW
Date: 9/10/13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 48.11 ft. bmp.
Depth to Water*: 46.68 ft.
Length of Water Column (LWC): 1.43 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
SB915-MW-43S
DTB = 46.94'
DTW = 43.88'

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-[illegible]S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127

Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:

Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 46.93 ft. bmp.
Depth to Water*: 42.72 ft.
Length of Water Column (LWC): 4.21 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	Not	enough	water	to	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: gal.

DO Titrataion = mg/L

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-420
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: GRUNDFOS
Pump/Controller ID#:
Field Personnel: ACP
Date: 9-10-13
Weather: 80's CLOUDY

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 68.43 ft.
Length of Water Column (LWC): 64.97 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:20
Initial Observations: Color V. light Brown CLOUDY Odor no Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
10:25	68.46	12.72	6.53	104.30	-57.70	0.19	31	440	1.046
10:30	68.46	13.75	6.48	104.70	-52.70	0.19	-24	360	
10:35	68.46	13.82	6.46	104.70	-54.10	0.19	52.2	350	
10:40	68.46	13.98	6.44	104.40	-51.20	0.18	34.4	350	
10:45	68.46	14.05	6.43	104.60	-48.50	0.18	29.0	340	
10:50	68.46	14.29	6.42	103.60	-47.50	0.18	23.8	340	
10:55	68.46	14.36	6.41	103.60	-46.60	0.16	23.7	340	
11:00	68.46	14.43	6.41	103.70	-45.80	0.16	23.2	340	
11:05	68.46	14.43	6.40	103.10	-45.20	0.15	20.5	340	
11:10	68.46	14.43	6.40	103.10	-45.2	0.15	21.2	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:10
Total volume of groundwater purged: 5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.057

Sample ID: SB915-0136-01 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: CAH / AKM
Date: 9/9/13
Weather: Sunny 70°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 17.75 ft. bmp.
Depth to Water*: 9.50 ft.
Length of Water Column (LWC): 8.25 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color Dark Grey Odor No Sheen/Free Product No / Some particles Floating

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.95	17.23	7.56	6.10	-137.40	0.20	10.65	260	1.002
10	10.06	17.28	7.50	6.20	-125.50	0.16	9.43	270	1.004
15	10.11	17.54	7.39	6.30	-115.80	0.10	7.78	280	1.006
20	10.15	17.68	7.36	6.30	-113.20	0.03	6.79	270	1.006
25	10.18	17.68	7.35	6.30	-113.50	0.07	5.81	280	
30	10.19	17.77	7.35	6.30	-115.30	0.06	5.14		
35	10.19	17.79	7.35	6.20	-116.90	0.07	3.14		
40	10.20	17.83	7.36	6.10	-118.20	0.07	2.35	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:30
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.006

Sample ID: SB915-0135-03 Sample Time: 12:35

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-090
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: JCJK
Date: 9/9/13
Weather: Mostly Sunny ~70°

Well information:
Installed Depth of Well*: 14.56 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 10.71 ft.
Length of Water Column (LWC): 3.85 ~~in.~~ ft
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1012
Initial Observations: *Color* Gray *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.10	16.58	6.72	6.00	-86.10	0.41	25.9	220	1.004
10	12.49	16.37	7.13	9.80	-144.4	0.27	21.2	160	
15	12.53	16.47	9.20	13.00	-259.5	0.07	15.12	120	
20	12.61	16.72	10.32	14.00	-230.2	0.08	14.80	120	
25	12.64	16.54	10.77	14.30	-196.70	0.09	10.58	120	
30	12.70	16.59	10.92	14.40	-178.10	0.08	7.99	120	
35	12.77	16.54	11.01	14.50	-176.10	0.07	7.08	120	
40	12.84	16.46	11.11	14.80	-166.60	0.06	11.04	120	
45	12.90	16.68	11.15	14.90	-162.80	0.05	6.64	120	
50	12.93	16.95	11.20	15.20	-167.4	0.05	5.08	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1102
DO Titrataion = ✓ mg/L
Total volume of groundwater purged: 2 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity

Sample ID: SB915-0135-02 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: ~~SB15~~ SB915-WB-03L
Northing:
Easting:

Site Name: SCA | Sampling Method: Low-Flow | Field Personnel: AKM, CAH, MJW
Site Location: Camillus, NY | Equipment Used: Peristaltic Pump | Date: 9-6-13
Project #: 1163.46698 | Pump/Controller ID#: | Weather: Sunny 70°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 29.05 ft.
Length of Water Column (LWC): 50.30 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:00
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.16	11.11	7.93	44.30	-169.50	0.44	54.9	240	1.010
10	29.15	10.78	7.61	49.70	-143.10	0.15	34.4	220	
15	29.15	10.65	7.32	51.40	-113.40	0.14	6.94	200	1.024
20	29.15	10.71	7.10	52.00	-96.00	0.15	4.83	200	
25	29.16	10.70	6.95	52.50	-83.60	0.15	2.76	200	1.026
30	29.15	10.89	6.83	52.80	-74.50	0.15	2.63	200	1.028
35	29.16	10.76	6.76	53.00	-66.90	0.15	2.06	200	1.026
40	29.15	10.81	6.70	53.60	-60.40	0.14	2.14	200	1.026
45	29.15	10.78	6.65	53.70	-55.10	0.15	1.25	200	1.026
50	29.15	10.86	6.61	54.10	-51.30	0.14	2.51	180	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50
DO Titrataion = — mg/L
Total volume of groundwater purged: ≈ 2.5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.026

Sample ID: SB915-0134-01 **Sample Time:** 13:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - WB - 01L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: ALP
Date: 8/28/13
Weather: 80's cloudy-humid

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 25.82 ft.
Length of Water Column (LWC): 42.95 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:12
Initial Observations: Color slightly cloudy Odor no Sheen/Free Product no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	25.98	14.38	7.04	1.30	-58.60	0.10	61.2	300	1.000
10	25.98	14.56	7.08	1.50	-53.00	0.05	51.9	400	
15	25.97	14.66	7.07	1.50	-47.70	0.05	49.2	400	
20	25.98	15.05	7.07	1.60	-45.90	0.02	28.9	420	
25	25.97	14.35	7.06	1.60	-41.60	0.02	16.3	380	
30	25.97	15.46	7.06	1.60	-41.00	0.01	16.0	340	
35	25.97	14.47	7.06	1.60	-37.50	0.01	12.8	400	
40	25.97	14.91	7.05	1.60	-37.40	0.00	10.75	400	
45	25.97	14.73	7.05	1.60	-35.80	0.00	8.01	400	
50	25.97	14.83	7.05	1.60	-35.70	0.00	6.85	400	
55	25.97	15.20	7.05	1.60	-35.00	0.00	5.70	400	
60	25.97	14.98	7.04	1.60	-34.20	0.00	4.54	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:17
Total volume of groundwater purged: ~7.5 gal.
DO Titrataion = ___ mg/L

Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.004

Sample ID: SB915-0133-01 Sample Time: 11:55

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-58I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: ground fos
Pump/Controller ID#:
Field Personnel: ACP
Date: 8-27-13
Weather: low 80s - cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 47.27 ft.
Length of Water Column (LWC): 25.91 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:47
Initial Observations: Color clear Odor no Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	50.12	14.06	11.90	121.60	-165.70	0.77	17.9	240	1.074
10	52.91	12.72	11.94	119.70	-168.20	0.54	15.3	160	
15	53.17	15.56	11.85	119.10	-156.80	0.36	14.7	120	
20	53.40	16.90	11.82	118.10	-150.40	0.25	11.8	100	
25	53.71	15.03	11.89	116.90	-148.00	0.14	12.7	130	
30	53.72	15.73	11.86	118.30	-141.70	0.16	13.9	100	
35	53.72	16.29	11.85	117.10	-145.90	0.18	11.37	120	
40	53.75	16.19	11.86	116.90	-144.70	0.16	9.91	100	
45	54.34	13.86	11.94	117.10	-154.50	0.86	8.05	150	
50	55.92	16.52	11.83	118.80	-165.60	0.06	7.51	140	
55	55.91	18.17	11.79	117.40	-170.20	0.07	7.46	120	
60	55.83	17.96	11.81	116.50	-170.70	0.04	8.27	120	
65	55.79	17.33	11.83	116.30	-161.10	0.05	7.76	120	
70	55.79	17.10	11.84	116.30	-144.10	0.08	7.23	120	
75	55.75	17.10	11.83	116.70	-136.00	0.10	6.64	110	
80	55.71	16.59	11.85	115.40	-138.70	0.11	6.19	120	
85	55.71	16.52	11.85	116.10	-133.50	0.08	6.75	120	
90	55.71	16.43	11.86	116.50	-138.00	0.09	5.57	120	
95	55.71	16.47	11.55	116.80	-149.00	0.09	5.51	120	
100	55.69	16.74	11.85	117.20	-153.60	0.07	4.44	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:43
Total volume of groundwater purged: ~4 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.072

Sample ID: SB915-0132-01 (Time pic)
Sample Time: 1450

Analytical Parameters: TEMP pH SPC. ORP D.O. TURB Flow Rate

Container Size		Container Type	# Collected		Field Filtered?		Preservative		Laboratory
105	55.62	16.94	11.84	117.00	-161.70	0.06	5.84	110	
110	55.60	16.85	11.84	118.00	-164.80	0.05	3.60	120	
115	55.61	16.54	11.86	117.20	-169.40	0.04	3.10	120	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos Low-flow
Equipment Used: Grundfos
Pump/Controller ID#: JN0903A44
Field Personnel: JAR
Date: ~75°F, overcast
Weather: 8/27/13

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 123.90 ft. bmp.
Depth to Water*: 67.59 ft.
Length of Water Column (LWC): 56.31 ~~in.~~ ~~ft~~
Well Diameter: 2 in ~~ft. bmp.~~

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1030
Initial Observations: Color Cloudy/Brown/Gray Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	67.60	–	–	–	–	–	OverRange	460	1.004
5	67.61	12.08	7.24	1.50	-66.20	0.13	1128	460	
10	67.61	12.96	7.25	1.60	-56.30	0.15	601	500	
15	67.61	13.43	7.23	1.80	-49.30	0.13	105.9	500	
20	67.61	13.43	7.22	1.90	-44.60	0.12	67.8	500	
25	67.61	13.57	7.21	1.90	-43.00	0.13	52.2	500	
30	67.61	13.77	7.20	1.90	-41.30	0.08	28.7	460	1.002
35	67.61	13.71	7.20	1.90	-38.80	0.07	33.8	460	
40	67.61	13.89	7.20	1.90	-37.76	0.06	23.2	460	
45	67.61	13.95	7.20	1.90	-36.20	0.05	19.0	460	
50	67.61	14.12	7.19	1.90	-34.80	0.05	13.7	460	1.002
55	67.61	13.93	7.19	2.00	-33.90	0.06	13.5	460	
60	67.61	13.97	7.19	2.00	-33.10	0.04	9.43	460	
65	67.61	14.12	7.19	2.00	-32.30	0.04	12.3	460	
70	67.61	14.11	7.19	2.00	-32.00	0.04	10.27	460	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330
DO Titrataion = – mg/L
Total volume of groundwater purged: ~10 gal.
Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0132-02 **Sample Time:** ~~1215~~ 1325

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: MS: SB915-0132-03 ~~1250~~ 1325
~~MS/MSD~~: SB915-0132-04 C 1325

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-850
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127

Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:

Field Personnel: JWB
Date: 8.27.13
Weather: ~80°F Cloudy/Humid

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 12.76 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1120
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.80	13.77	6.73	108.00	-94.40	0.12	3073	300	1.060
10	12.80	13.40	6.75	107.70	-94.20	0.08	1654	300	
15	12.80	13.49	6.75	107.20	-92.60	0.07	1230	300	
20	12.80	13.66	6.75	106.50	-91.70	0.06	968	300	
25	12.80	13.85	6.74	106.00	-90.80	0.07	731	300	
30	12.80	13.63	6.74	108.40	-88.80	0.08	~~64~~ 374	300	
35	12.80	13.69	6.73	108.30	-87.80	0.06	~~73~~ 98.8	300	
40	12.80	13.86	6.72	106.40	-87.60	0.05	80.8	300	
45	12.80	~~13~~ 14.00	6.72	107.10	-87.60	0.05	65.2	300	
50	12.80	13.76	6.72	108.00	-86.80	0.06	44.5	300	
55	12.80	13.95	6.71	107.60	-86.50	0.06	38.7	300	
60	12.80	13.94	6.71	106.70	-86.40	0.05	35.3	300	
65	12.80	14.04	6.71	106.40	-86.00	0.05	30.9	300	
70	12.80	14.15	6.71	106.10	-87.00	0.05	24.8	300	
75	12.80	14.27	6.71	107.30	-86.40	0.07	34.1	300	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240
DO Titrataion = — mg/L
Total volume of groundwater purged: 7.0 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* ND
Specific Gravity 1.058

Sample ID: SB915-0132-05 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-104
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: JW/R
Date: 8-26-13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.15 ft. bmp.
Depth to Water*: 10.40 ft.
Length of Water Column (LWC): 8.75 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 1.4 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045

Initial Observations: *Color* V. light Grey *Odor* Yes/Leachate *Sheen/Free Product* No

4 gallons purged

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0.25	—	18.89	6.02	46.34	-39.2	1.95	21.0	NA	1.026
1.50	—	16.98	6.38	46.50	-51.6	2.24	3803	NA	
Well went dry after ~3.0 gallons remove. can not Sample.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1100

DO Titrataion = mg/L

Total volume of groundwater purged: 30 gal.

Final Observations: *Color* — *Odor* — *Sheen/Free Product* —

Specific Gravity —

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8.26.13
Weather: ~75° Cloudy/Rain

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 27.00 ft. bmp.
Depth to Water*: 25.50 ft.
Length of Water Column (LWC): 1.50 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☑ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: 0.25 gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
XNot enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.26.13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 48.10 ft. bmp.
Depth to Water*: 45.45 ft.
Length of Water Column (LWC): 2.65 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 0.43 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X Not enough water									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 35.01 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-102
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: RLP
Date: 8-26-13
Weather: upper 70's - cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.24 ft. bmp.
Depth to Water*: 7.59 ft.
Length of Water Column (LWC): 66.65 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:16
Initial Observations: Color L. Brown v. cloudy Odor no Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.58	14.91	6.25	86.30	-42.10	0.12	5	350	1.052
10	7.63	14.58	6.25	86.20	-32.20	0.13	55	400	
15	7.73	14.85	6.24	87.30	-28.60	0.09	132	380	
20	7.69	15.12	6.24	87.30	-25.80	0.09	205	360	
25	7.68	14.91	6.23	87.60	-23.70	0.08	232	350	
30	7.70	14.94	6.23	88.40	-21.80	0.08	246	340	
35	7.70	14.89	6.23	88.70	-20.00	0.08	242	320	
40	7.70	14.70	6.23	89.20	-18.80	0.07	251	320	
45	7.70	14.71	6.23	89.00	-17.70	0.07	235	340	
50	7.72	14.59	6.23	89.60	-17.00	0.06	214	340	
55	7.70	14.53	6.23	89.80	-17.10	0.06	226	340	
60	7.70	14.49	6.23	90.00	-16.30	0.05	222	360	
65	7.70	14.57	6.22	89.70	-15.70	0.05	174	340	
70	7.70	14.54	6.22	89.80	-14.50	0.05	184	340	
75	7.70	14.60	6.22	90.20	-13.40	0.05	143	340	
80	7.70	14.59	6.22	89.50	-12.40	0.05	148	340	
85	7.69	14.67	6.22	89.70	-12.40	0.05	104	340	
90	7.69	14.63	6.22	90.20	-12.30	0.05	105	320	
95	7.69	14.58	6.22	89.60	-11.30	0.05	85	340	
100	7.69	14.58	6.22	89.80	-11.10	0.05	70	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:16
Total volume of groundwater purged: ~11.5 gal.

DO Titrataion = _____ mg/L

Final Observations: Color almost clear Odor no Sheen/Free Product no
Specific Gravity 1.056

Sample ID: SB915-0131-01 Sample Time: 12:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-GB-10C
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (____)
Continued from previous page.									
105	7.69	14.61	6.22	90.30	-11.00	0.05	67	320	
110	7.69	14.60	6.22	89.50	-10.50	0.05	54	340	
115	7.69	14.58	6.22	89.60	-10.00	0.05	57	320	
120	7.69						54	340	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-065
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 8/26/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Overcast 75° - rain

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 4.52 ft.
Length of Water Column (LWC): 10.80 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1031
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.55	20.97	10.17	0.10	-20.20	5.44	3.50	380	1.010
10	4.85	21.05	9.88	0.10	15.40	6.99	0.71	410	1.010
15	4.85	21.20	10.26	0.10	25.30	7.64	0.47	240	
20	4.85	21.46	9.43	0.10	31.0	7.88	1.01	300	
25	4.82	22.04	10.06	0.00	34.60	7.88	0.56	220	1.010
30	4.82	22.40	10.59	0.10	41.80	7.74	1.30	240	1.010
35	4.80	22.81	10.69	0.00	46.00	7.63	8.77	260	1.010
40	4.65	23.09	10.39	0.00	47.00	7.50	7.51	100	
45	4.65	23.50	10.81	0.00	23.40	7.36	—	100	
50	4.89	23.85	11.44	0.10	-129.00	7.84	5.04	400	1.010
55	4.89	20.13	11.77	22.90	-168.00	0.19	4.25	400	
60	4.89	18.97	11.83	23.60	-180.80	0.07	4.04	400	1.010
65	4.89	19.06	11.82	23.60	-186.40	0.04	4.99	400	
70	4.90	19.06	11.82	23.60	-190.80	0.03	3.48	400	
75	4.91	18.94	11.82	23.50	-192.70	0.02	3.22	400	1.010
80	4.91	18.90	11.82	23.50	-194.80	0.02	2.53	400	
85	4.91	18.88	11.82	23.50	-195.40	0.02	2.06	400	1.010
*Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

restart - Low-flow @ 1057 hr
ipod malfunction
* New pump
* once new pump was installed flow was steady and similar to previous quarter event.

End Purge Time: 1200
DO Titrataion = — mg/L
Total volume of groundwater purged: 7.5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.010

Sample ID: SB915-0131-02 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: ~~FA~~ Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: JAK
Date: 8/26/13
Weather: ~70°F, overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 5.02 ft.
Length of Water Column (LWC): 13.09 in.
Well Diameter: 2in ~~ft. bmp~~.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1035
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	5.03	—	—	—	—	—	35.0	480	1.008
5	5.78	18.81	10.78	21.50	-186.40	0.04	16.5	380	
10	5.75	19.40	10.91	21.50	-194.50	0.02	4.22	380	
15	5.76	19.54	10.97	21.60	-195.50	0.01	2.43	380	
20	5.81	19.55	11.00	21.70	195.40	0.00	2.19	360	
25	5.80	19.63	11.03	21.70	-195.20	0.00	1.51	360	1.008
30	5.82	19.59	11.07	21.80	-194.40	0.00	1.21	360	
35	5.82	19.60	11.09	21.90	-194.30	0.00	1.74	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
DO Titrataion = — mg/L
Total volume of groundwater purged: ~4.0 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.008

Sample ID: SB915-0131-03 Sample Time: 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: FD: SB915-0131-04 @ 1225

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.6.13
Weather: ~84°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 12.30 ft.
Length of Water Column (LWC): 6.06 in.
Well Diameter: 2 ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 0.98 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: ~~1440~~ 1440

Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (~~minutes~~)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (uS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
0.25 gal		22.89	6.77	1006.7	321.5	5.85	3.40	NA	
1.00 gal	13.9	16.95	6.77	946.5	356.9	4.94	8.20	NA	
2.00	15.6	16.85	6.92	961.1	355.6	4.65	17.50	NA	
3.00	17.0	15.93	6.86	966.9	333.2	4.74	32.60	NA	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:

DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*

Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MTW
Date: 8/23/13
Weather: sunny ; warm 70°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 10.51 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:00
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.15	15.57	12.10	21.40	-96.90	0.11	18.2 NTU	200	1.009
10	12.16	16.02	12.02	22.50	-92.10	0.07	19.7 NTU	200	
15	12.47	16.38	11.73	24.80	-75.10	0.06	57.3 NTU	280	
20	12.45	16.38	10.94	29.90	-51.30	0.02	673 AU	260	
25	12.46	17.08	11.07	27.80	-68.60	-0.01	801 AU	240	
30	12.57	17.07	11.14	27.00	-79.40	-0.02	1071 AU	240	
35	12.60	16.97	11.03	27.80	-72.50	-0.02	1388 AU	240	
40	12.64	17.10	11.04	27.70	-73.10	-0.02	1084 AU	240	
45	12.75	17.09	11.07	27.50	-72.70	-0.02	997 AU	280	
50	12.79	17.09	11.08	27.40	-72.70	-0.02	853 AU	260	
55	12.88	16.76	11.12	27.40	-73.20	-0.02	759 AU	280	
60	12.84	16.96	11.02	27.50	-70.60	-0.02	761 AU	280	
65	12.61	16.51	11.07	27.60	-72.50	-0.02	765 AU	280	
70	12.74	16.50	10.89	28.00	-74.80	-0.02	894 AU	320	
* 75	12.80	16.42	11.96	24.40	-111.70	-0.01	662 AU	280	
80	12.84	17.09	12.07	23.60	-119.10	-0.02	3 NTU	280	
** 85	13.19	17.09	11.39	25.70	-81.00	-0.02	-8 NTU	340	
90	13.16	17.08	11.21	26.20	-81.60	-0.02	39 NTU	300	
95	13.17	16.88	11.16	26.30	-81.60	-0.02	63 NTU	280	
100	13.15	17.05	11.02	26.70	-75.30	-0.02	63 NTU	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:40
DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.014

Sample ID: SB915-0130-01 **Sample Time:** 14:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * pulled pump up so ≈ 5 Ft from bottom instead of ≈ 3 Ft.
** recalibrated turbidity meter

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SBGLS-MW-1135
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
				Continued from previous page.					
105	13.22	16.96	11.04	26.60.	-74.20	-0.02	40 NTU	320	
110	13.25	17.21	11.10	26.40	-77.00	-0.02	31 NTU	320	
115	13.00	17.57	11.05	0.20	-64.40	4.38	750 NTU	300	
120	13.22	17.28	11.15	28.70	-85.80	-0.02	6 NTU	360	
125	13.37	16.82	11.18	27.40	-80.70	-0.02	3 NTU	340	
130	13.45	16.63	11.10	28.10	-81.80	-0.02	80.8 NTU	340	
135	13.44	17.10	11.08	28.00	-84.00	-0.02	73.0 NTU	340	
140	13.42	16.32	11.08	28.20	-81.40	-0.02	67.0 NTU	340	
145	13.36	16.42	11.12	28.30	-84.80	-0.02	55.0 NTU	320	
150	13 38	16.98	11.07	28.10	~~-84.~~ -81.40	-0.02	51.6 NTU	340	
155	13.37	17.27	11.02	28.20	-78.10	-0.02	-55 NTU	320	
175	12.50	17.68	10.76	29.80	-55.70	0.00	56.4	360	
180	12.64	17.30	11.14	28.00	-74.70	-0.01	53.4	260	
185	12.89	16.34	11.16	28.20	-71.30	-0.02	44.5	280	
190	13.03	17.03	11.10	28.20	-71.80	-0.02	45 8	300	
195	13.08	16.42	11.02	29.00	-67.00	-0.02	44.7	280	
200	13.25	16 79	11.15	28.00	-71.90	-0.02	37.7	320	
205	13.30	17.10	11.09	28.30	-70.70	-0.02	49.7	300	
210	13.33	16.87	11.19	28.50	-70.40	-0.03	38.3	340	
215	13.38	16.95	11.09	28.40	-69.10	-0.02	36.0	320	
220	13.44	16.51	11.10	28.40	-66.50	-0.02	35.4	340	1.014

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1105
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: S/N H111C040041
Field Personnel: JAK
Date: 8/23/13
Weather: ~75°F, Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 4.59 ft.
Length of Water Column (LWC): 15.61 in Ft
Well Diameter: 2 in ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:30
Initial Observations: Color Light Brown Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
0	~~SB~~ 5.22	–	–	–	–	–	29.7	340	1.002
5	5.15	17.18	6.72	5.00	-85.70	0.10	23.7	360	
10	5.18	17.42	6.72	5.30	-84.40	0.06	8.38	360	
15	5.17	17.54	6.73	5.40	-83.20	0.05	3.65	360	
20	5.16	17.63	6.73	5.40	-81.80	0.04	2.98	360	
25	5.17	17.72	6.73	5.40	-80.70	0.03	2.08	360	1.002
30	5.17	17.86	6.74	5.50	-79.70	0.03	1.25	360	
35	5.17	17.86	6.74	5.50	-78.80	0.02	1.42	360	
40	5.17	17.94	6.74	5.50	-78.10	0.02	0.92	360	
45	5.17	17.87	6.74	5.50	-77.20	0.02	0.93	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
DO Titrataion = — mg/L
Total volume of groundwater purged: 75.0 gal.

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0130-03 Sample Time: 1155

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB-915-MB-09L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: ALP
Date: 8-23-13
Weather: Upper 70's Sunny

Well information:

Installed Depth of Well*: 74.75 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 6.27 ft.
Length of Water Column (LWC): 68.48 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:16
Initial Observations: Color Light Brown cloudy Odor no Sheen/Free Product no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.28	14.06	6.25	77.60	-14.60	0.11	-9nTU	260	1.042
10	6.27	15.63	6.24	79.60	-13.80	0.15	72	240	
15	6.25	15.15	6.23	83.30	-9.50	0.14	219	240	
20	6.29	15.38	6.22	84.30	-7.70	0.12	231	240	
25	6.29	15.56	6.22	84.40	-6.20	0.11	219	220	
30	6.29	15.30	6.22	84.80	-4.60	0.10	246	280	
35	6.28	15.78	6.22	84.70	-4.60	0.10	281	220	
40	6.28	15.88	6.21	85.40	-3.50	0.12	188	210	
45	6.29	16.01	6.21	85.80	-2.80	0.12	181	220	
50	6.28	16.29	6.21	85.50	-2.30	0.12	126	210	
55	6.28	16.29	6.21	85.50	-1.50	0.12	131	220	
60	6.28	16.09	6.22	85.30	-0.80	0.12	124	220	
65	6.28	15.82	6.22	85.70	-0.10	0.11	146	210	
70	6.28	15.95	6.22	85.70	0.30	0.10	117	220	
75	6.28	15.78	6.22	85.80	0.80	0.10	111	220	
80	6.28	15.71	6.22	85.80	1.20	0.10	118	220	
85	6.28	15.84	6.22	85.90	1.40	0.09	117	220	
90	6.28	15.69	6.22	86.00	1.70	0.09	102	220	
95	6.28	16.03	6.22	85.80	1.60	0.09	117	220	
100	6.28	16.35	6.21	85.80	1.50	0.09	124	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:57
Total volume of groundwater purged: ~9 gal.
DO Titrataion = _____ mg/L

Final Observations: Color V. slight cloudy Odor no Sheen/Free Product no
Specific Gravity 1.046 Clear

Sample ID: SB915-0130-02 Sample Time: 1339

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MB-092
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/CM)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	6.28	16.32	6.22	85.60	1.90	0.09	78	220	
110	6.28	15.92	6.22	85.30	2.40	0.08	86	220	
120	6.28	15.78	6.22	85.50	2.60	0.08	79	220	
125	6.28	16.16	6.22	85.80	2.50	0.08	72	220	
130	6.28	15.82	6.22	85.60	3.10	0.07	74	220	
135	6.28	15.76	6.23	85.30	3.30	0.07	74	220	
140	6.28	16.01	6.22	85.40	3.20	0.06	98	220	
145	6.28	16.09	6.22	85.20	3.40	0.06	84	220	
150	6.28	16.00	6.23	84.80	3.60	0.05	63	220	
155	6.28	16.00	6.22	85.70	3.50	0.06	65	220	
160	6.28	16.16	6.22	85.30	3.60	0.06	69	220	
165	6.28	16.32	6.22	85.60	3.40	0.06	64	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MJW
Date: 8/22/13
Weather: sunny, hot 80°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.76 ft. bmp.
Depth to Water*: 22.74 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:05

Initial Observations: *Color* cloudy grey *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	24.44	14.98	7.09	2.90	-20.40	0.34	3223 AU	240	1.002
10	24.45	14.62	7.07	2.90	-22.90	0.21	1350 AU	220	
15	24.66	14.05	7.05	2.90	-18.30	0.23	807 AU	300	
20	25.00	13.68	7.03	2.90	-13.70	0.21	476 NTU	280	
25	25.05	13.97	7.02	2.90	-12.40	0.17	92.3 NTU	260	
30	25.14	13.82	7.02	2.90	-11.20	0.16	90.1	280	
35	25.24	13.77	7.02	2.90	-10.30	0.15	66.5	300	
40	25.25	14.18	7.01	2.90	-10.50	0.13	48.1	260	
45	25.25	14.13	7.01	2.90	-10.40	0.12	39.9	240	
50	25.42	13.87	7.01	2.90	-9.50	0.12	29.0	280	
55	25.53	14.10	7.01	2.90	-9.30	0.11	26.1	300	
60	25.54	14.13	7.00	2.90	-9.20	0.10	24.0	260	
65	25.83	13.83	7.00	2.90	-8.40	0.10	23.6	320	
70	25.92	14.18	7.00	2.90	-8.30	0.08	21.2	320	
75	~~25.96~~ 25.46	14.13	7.00	2.90	-8.50	0.08	28.9	320	
80	25.93	14.35	7.00	2.90	-9.00	0.08	23.0	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20

Total volume of groundwater purged: ≈7 gal.

DO Titrataion = ~ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none

Specific Gravity 1.002

Sample ID: SB915-0129-01 **Sample Time:** 12:10

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1095
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: ~~EAK~~ AKM
Date: 8/22/13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 3.46 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1022

Initial Observations: *Color* clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.50	18.03	11.92	32.90	-49.20	1.08	19.7	500	0.014
10	3.50	18.43	11.94	32.80	-46.30	0.10	20.5	300	0.014
15	3.50	18.28	11.94	32.90	-44.90	0.06	15.0	360	0.014
20	3.51	18.26	11.95	33.00	-45.00	0.04	12.8	380	
25	3.51	18.06	11.96	33.10	-44.20	0.03	11.3	300	
30	3.51	17.94	11.96	33.20	-44.50	0.03	9.79	300	0.014
35	3.51	17.95	11.96	33.30	-44.90	0.02	7.91	300	0.014
40	3.51	17.44	11.97	33.30	-44.20	0.02	7.69	300	0.014
45	3.51	17.94	11.97	33.30	-44.30	0.02	6.59	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1107

Total volume of groundwater purged: ~4.5 gal.

DO Titrataion = ~~~ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* slight sheen on surface - maybe residual left in bucket.

Specific Gravity 0.014

Sample ID: SB915-0129-03 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JAK
Site Location: Camillus, NY | Equipment Used: GrundFos | Date: 8/22/13
Project #: 1163.48127 | Pump/Controller ID#: S/N: H111004004 | Weather: ~85°F, overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: ~~17.39~~ ft. 16.39
Length of Water Column (LWC): 38.03 in. ~~Ft~~
Well Diameter: 2 in. ~~ft. bmp.~~

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: *Color* Dark Gray *Odor* Sulfur *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	16.36	–	–	–	–	–	39	120	1.018
5	17.91	15.66	7.45	48.00	-106.10	2.21	3015	100	
10	18.08	15.83	7.92	49.30	-134.70	1.72	2627	100	
15	18.21	15.78	8.03	50.10	-141.90	1.34	2959	200	
20	18.81	15.29	8.10	49.40	-152.90	0.85	overRange	200	
25	19.01	15.13	8.10	50.20	-160.60	0.60	over Range	180	
30	19.00	16.10	8.06	49.80	-163.80	0.57	4037	180	
35	18.93	16.19	8.00	48.50	-166.60	0.47	over Range	140	1.024
40	18.75	16.45	7.92	47.60	-166.00	0.49	3595	140	
45	18.69	16.07	7.83	46.80	-166.80	0.46	3149	180	
50	18.72	16.01	7.73	46.20	-166.90	0.42	2462	160	
55	18.61	16.96	7.65	45.20	-166.00	0.39	2002	160	
60	18.80	15.97	7.61	44.20	-168.90	0.32	1687	160	
65	18.91	16.12	7.55	43.70	-167.70	0.30	1377	160	1.022
70	18.91	16.41	7.50	42.80	-166.40	0.29	881	160	
75	18.88	16.55	7.45	42.20	-164.40	0.30	770	160	
80	18.89	16.23	7.42	41.20	-163.30	0.29	679	160	
85	18.91	16.72	7.39	40.30	-160.10	0.29	36	160	
90	18.87	16.49	7.35	40.30	-159.50	0.27	71.0	160	1.020
95	18.81	16.80	7.32	39.90	-158.80	0.26	60.8	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420
DO Titrataion = – mg/L
Total volume of groundwater purged: ~7.0 gal.

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.020

Sample ID: SB915-0129-02 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Pg 1 of 2

8/22/13

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915 - MW-109I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/CM)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
100	18.84	16.59	7.31	39.10	-155.60	0.26	62.6	160	
105	18.85	16.41	7.28	38.40	-154.50	0.24	57.8	160	
110	18.92	16.77	7.26	37.80	-153.30	0.24	59.9	160	
115	18.84	16.72	7.24	37.90	-152.20	0.24	46.7	160	1.020
120	18.85	16.59	7.24	37.40	-150.80	0.22	48.1	160	
125	18.87	16.72	7.22	37.30	-149.90	0.20	36.3	160	
130	18.81	16.81	7.20	36.90	-149.70	0.18	31.1	160	
135	18.79	16.86	7.19	37.00	-148.50	0.18	32.0	160	
140	18.84	16.50	7.18	36.60	-148.30	0.15	33.2	160	
145	18.83	16.72	7.17	36.70	-147.70	0.15	24.4	160	
150	18.87	16.72	7.16	36.30	-146.70	0.14	24.9	160	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MJW
Date: 8/21/13
Weather: hot, sunny 80°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.62 ft. bmp.
Depth to Water*: 12.21 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:20

Initial Observations: *Color* light brown *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.15	16.69	6.85	22.30	-68.30	0.12	102 NTU	340	1.010
10	12.15	16.65	6.89	22.50	-72.50	0.07	90 NTU	360	
15	12.15	16.07	6.91	22.60	-73.20	0.06	60 NTU	440	
20	12.15	15.65	6.91	22.90	-73.00	0.04	103.9 NTU	460	
25	12.15	15.43	6.92	22.90	-72.50	0.02	93.0 NTU	480	
30	12.15	15.29	6.92	23.10	-72.10	0.02	57.5 NTU	480	
35	12.15	15.26	6.92	23.00	-71.50	0.01	35.5	480	
40	12.15	15.22	6.92	23.30	-70.70	0.01	18.0	500	
45	12.16	15.48	6.92	23.30	-70.80	0.01	9.68	420	
50	12.15	15.49	6.92	23.10	-70.20	0.00	6.23	440	
55	12.15	15.50	6.92	23.10	-69.90	0.00	3.86	440	
60	12.15	15.52	6.92	23.10	-69.90	0.00	2.28	440	
65	12.15	15.39	6.92	23.00	-69.00	0.00	1.68	460	
70	12.15	15.30	6.92	23.10	-68.40	0.00	1.31	460	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11.30

DO Titrataion = _____ mg/L

Total volume of groundwater purged: ≈ 10 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none

Specific Gravity 1.010

Sample ID: SB915-0128-01 **Sample Time:** 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-605
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: #1110090091
Field Personnel: JAK
Date: 8/21/13
Weather: ~80°F, Sunny

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: ~~11.47~~ 12.72 ft.
Length of Water Column (LWC): 9.14 ~~in. Ft~~
Well Diameter: 2" ~~ft. bmp.~~

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1045
Initial Observations: Color Dark Brown Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	12.79	—	—	—	—	—	82	400	1.008
5	12.78	16.35	6.49	16.30	-67.70	0.09	58	380	
10	12.78	16.20	6.53	15.00	-65.40	0.05	68.8	410	
15	12.78	15.83	6.54	14.40	-61.90	0.04	35.9	420	1.008
20	12.78	15.85	6.55	13.90	-59.50	0.03	18.2	420	
25	12.78	15.80	6.55	13.70	-58.00	0.03	10.76	420	
30	12.78	15.84	6.55	13.60	-66.90	0.03	6.35	420	1.006
35	12.78	15.83	6.55	13.50	-55.70	0.03	6.45	420	
40	12.78	15.89	6.56	13.40	-54.70	0.02	4.48	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
Total volume of groundwater purged: ~50 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.006

Sample ID: SB915-0128-02 Sample Time: 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: GrundFos | Date: 8/21/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny/85°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.45 ft. bmp.
Depth to Water*: 29.33 ft.
Length of Water Column (LWC): in.
Well Diameter: 2" ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: Color slightly cloudy Odor slight sulfuric odor Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.35	13.76	7.82	1.00	-76.80	0.09	51.0	500	1.002
10	29.35	14.35	7.29	1.00	-76.50	0.08	79.2	360	1.000
15	29.35	14.60	7.29	1.00	-74.20	0.06	48.8	380	1.000
20	29.35	14.71	7.29	1.00	-72.10	0.05	30.8	340	1.000
25	29.35	14.70	7.29	1.00	-69.90	0.04	26.5	340	1.000
30	29.35	14.91	7.29	1.00	-68.10	0.04	21.0	340	1.000
35	29.35	14.94	7.29	1.00	-66.60	0.03	15.8	340	1.000
40	29.35	14.91	7.28	1.00	-64.90	0.03	15.3	340	1.000
45	29.35	14.90	7.28	1.10	-63.40	0.02	11.3	340	1.000
50	29.35	15.05	7.28	1.10	-61.70	0.02	11.7	340	1.000
55	29.35	15.03	7.27	1.10	-60.40	0.02	10.49	340	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
Total volume of groundwater purged: 46.5 gal.
DO Titrataion = — mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0128-03 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Grundfos Pump | Date: 8-20-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~80°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 157.40 ft. bmp.
Depth to Water*: 26.06 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1035
Initial Observations: *Color* Clear *Odor* NO *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	49.91	13.60	6.31	203.20	-11.70	0.10	47.2	500	~~1.034~~
10	49.92	13.75	6.31	203.30	-10.80	0.10	56.7	500	1.134
15	49.92	13.93	6.32	202.90	-11.40	0.09	31.8	500	
20	49.80	13.97	6.32	205.00	-10.40	0.09	18.7	500	
25	49.75	13.93	6.32	203.90	-9.30	0.07	15.2	500	
30	49.60	13.90	6.33	205.10	-8.50	0.08	13.9	500	
35	49.42	14.02	6.33	203.60	-7.80	0.06	10.85	500	
40	49.28	13.97	6.33	205.70	-7.10	0.06	7.99	500	
45	49.28	13.96	6.33	205.60	-6.60	0.07	9.91	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = mg/L
Total volume of groundwater purged: 14 gal.

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.132

Sample ID: SB915-0127-01, 02 (FD) **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: X Purged 5 gallons out before starting Low-Flow. DTW: 50.40

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low flow | Field Personnel: JAK
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/20/13
Project #: 1163.48127 | Pump/Controller ID#: H100520004I | Weather: ~75°F, partly cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 17.78 ft.
Length of Water Column (LWC): 8.92 in.
Well Diameter: 2 in ~~ft. bmp.~~

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: *Color* Light brown *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	17.75	–	–	–	–	–	>999	220	1.008
5	17.75	16.67	6.79	15.90	-18.90	2.82	2596	200	
10	17.75	17.12	6.75	17.70	-26.90	1.87	2750	340	1.008
15	17.75	~~14.4~~ 16.60	6.71	19.40	-29.90	1.30	2704	400	
20	17.75	15.93	6.70	20.10	-30.80	0.89	1471	400	
25	17.75	15.39	6.70	20.40	-31.60	0.58	958	440	
30	17.75	15.21	6.70	20.60	-32.00	0.51	75	400	1.008
35	17.75	15.39	6.70	20.60	-33.40	0.36	97.1	400	
40	17.75	15.47	6.69	20.70	-34.20	0.31	75.6	400	
45	17.75	15.63	6.69	20.70	-34.70	0.33	76.4	400	
50	17.75	15.54	6.70	20.60	-35.40	0.24	55.4	400	1.010
55	17.75	15.18	6.70	21.00	-37.10	0.09	38.3	400	
60	17.75	15.53	6.71	20.70	-37.80	0.10	54.6	400	
65	17.75	15.71	6.70	20.80	-38.90	0.10	58.0	400	1.010
70	17.75	15.81	6.70	20.80	-39.80	0.09	14.0	400	
75	17.75	15.62	6.71	20.70	-39.50	0.08	61.7	400	
80	17.75	15.66	6.70	20.80	-39.70	0.08	39.4	400	
85	17.75	15.64	6.71	20.80	-39.70	0.08	27.5	400	
90	17.75	15.53	6.71	20.80	-39.20	0.05	22.3	400	1.010
95	17.75	15.57	6.70	20.90	-39.50	0.05	18.5	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300
DO Titrataion = – mg/L
Total volume of groundwater purged: ~11.0 gal.

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.010

Sample ID: SB915-0127-03 **Sample Time:** 1255

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: time ~~Temp~~ ~~pH~~ ~~Sp. Cond~~ ~~ORP~~ ~~DO~~ ~~Turb~~ ~~Flow~~ ~~SPG~~

time	Temp	pH	Sp. Cond	ORP	DO	Turb	Flow	SPG
100	17.75	15.64	6.70	20.90	-39.50	0.05	15.5	400	1.010

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/20/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny 75°F

Well information:
Installed Depth of Well*: [illegible] ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 18.64 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: *Color* murky grey *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
05	18.62	14.95	6.44	94.70	-6.20	1.39	2864	340	1.052
10	18.65	15.03	6.44	94.30	-8.60	1.13	107	340	1.052
15	18.65	14.84	6.45	94.70	-10.90	1.02	96.9	340	1.052
20	18.65	14.87	6.45	95.60	-13.20	0.90	66	340	1.052
25	18.65	14.85	6.45	95.10	-14.90	0.77	60.2	340	1.052
30	18.65	14.81	6.45	95.20	-16.70	0.67	58.2	340	1.052
35	18.65	14.85	6.45	94.80	-18.70	0.54	40.9	360	1.052
40	18.65	14.86	6.46	95.30	-20.10	0.45	36.2	360	1.052
45	18.65	14.85	6.46	95.10	-21.00	0.39	30.5	340	1.050
50	18.65	14.90	6.46	94.40	-21.90	0.33	26.4	340	1.050
55	18.65	14.94	6.47	94.40	-23.00	0.28	23.5	340	1.050
60	18.65	14.95	6.47	94.80	-23.80	0.24	21.6	340	1.050
65	18.65	14.95	6.47	94.80	-24.70	0.20	21.1	360	1.050
70	18.65	14.98	6.47	95.00	-25.30	0.17	20.4	360	1.050
75	18.65	14.95	6.47	94.40	-25.60	0.16	17.5	340	1.050
80	18.65	15.03	6.47	94.60	-26.30	0.13	16.8	340	1.050
85	18.65	14.99	6.47	94.60	-26.70	0.11	16.4	340	1.050
90	18.65	14.99	6.47	94.30	-27.20	0.09	16.6	340	1.050
95	18.65	14.97	6.47	94.60	-27.60	0.08	15.4	340	1.050
100	18.65	15.02	6.48	94.60	-28.00	0.09	14.5	360	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240 DO Titrataion = mg/L
Total volume of groundwater purged: ~11 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.050

new turbidity meter model LaMotte 2020we for this point

Sample ID: SB915-0127-04 **Sample Time:** 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

105	18.65	15.04	6.48	94.10	-28.40	0.06	14.1	360	1.050
110	18.65	14.92	6.48	94.50	-28.50	0.05	14.0	360	1.050
115									
120	[illegible]								
125									

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.14.13
Weather: ~80°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.59 ft. bmp.
Depth to Water*: 11.58 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1033
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.62	17.87	10.93	22.20	25.70	0.44	15.72	200	1.010
10	11.54	18.66	11.08	22.00	26.30	0.37	1.58	200	
15	11.52	19.96	11.01	21.90	26.10	0.35	2.00		
20	—	20.64	11.04	21.90	25.50	0.29	3.50		
X 25	11.64	21.15	10.81	20.00	32.20	2.03	0.70	—	
30	11.64	17.46	11.30	21.30	27.20	0.12	3.12	500	
35	11.64	16.87	11.37	20.90	26.90	0.16	5.39	500	
40	11.64	16.85	11.41	20.70	26.50	0.08	7.32	500	
45	11.64	16.74	11.44	20.60	26.50	0.10	8.00	500	
50	11.64	16.74	11.45	20.40	26.50	0.03	8.25	500	
55	11.64	16.58	11.47	20.40	26.40	0.00	7.87	500	
60	11.64	16.56	11.48	20.30	26.30	0.00	7.70	500	
65	11.64	16.47	11.50	20.30	26.30	0.00	7.57	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
Total volume of groundwater purged: 8 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.010

Sample ID: SB915-0126-02, 03(ms), 04(msd) **Sample Time:** 1310

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Grundfos -Low Flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: ↓ | Date: 8-19-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 86s - sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 19.32 ft.
Length of Water Column (LWC): 45.25 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1043
Initial Observations: *Color* light brown cloudy *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.34	13.95	6.73	37.80	-49.60	0.12	38.0	360	1.018
10	19.35	14.23	6.66	35.60	-39.60	0.46	49.2	360	
15	19.35	14.36	6.64	35.30	-36.80	0.17	25.4	360	
20	19.35	14.45	6.63	35.10	-34.80	0.16	18.9	340	
25	19.35	14.54	6.62	34.90	-33.10	0.10	11.5	340	
30	19.35	14.70	6.62	34.70	-31.50	0.07	10.75	340	
35	19.34	14.92	6.62	34.50	-30.20	0.08	11.66	340	
# 40	19.35	15.19	6.62	34.40	-29.40	0.07	11.84	320	
45	19.35	14.67	6.61	34.60	-28.00	0.04	32.5	500	
50	19.35	14.99	6.61	36.50	-27.70	0.03	11.07	420	
55	19.35	14.95	6.60	35.40	-26.00	0.03	6.72	420	
60	19.35	14.21	6.60	35.40	-25.50	0.03	5.32	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1146
DO Titrataion = mg/L
Total volume of groundwater purged: ~~6.5~~ 7 gal.

Final Observations: *Color* clear *Odor* no *Sheen/Free Product* no
Specific Gravity 1.016

Sample ID: SB915-0126-01 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: flow stopped - bumped up Hz -

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SWMU5-MW-01
Northing:
Easting:

Site Name: SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/12/13
Project #: 1163.46698 | Pump/Controller ID#: | Weather: Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 12.42 ft.
Length of Water Column (LWC): 5.94 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1058
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	13.70	~~18.36~~						180	1.000
5	13.75	18.36	6.74	1.10	85.00	~~4~~. 86	11.1	80	
10	13.83	19.68	6.74	1.16	90.40	5.00	8.15	100	
15	13.93	20.35	6.74	1.10	94.20	5.19	6.39	100	
20			OUT	OF	WATER				
		[Purged]							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
Total volume of groundwater purged: 3 gal.
DO Titrataion = mg/L

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S
Northing:
Easting:

Site Name: SCA | Sampling Method: NA | Field Personnel: KSK
Site Location: Camillus, NY | Equipment Used: — | Date: 8/12/13
Project #: 1163.46698 | Pump/Controller ID#: — | Weather: Sunny

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 19.73 ft. bmp.
Depth to Water*: 17.75 ft.
Length of Water Column (LWC): 1.98 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: NOT enough water TO Sample

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-144-36I
Northing:
Easting:

Site Name: SCA | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 8/12/13
Project #: 1163.46698 | Pump/Controller ID#: | Weather: sunny; hot 80°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 31.17 ft.
Length of Water Column (LWC): 33.20 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:25
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	39.39	13.72	12.24	31.90	-5.10	0.96	4.84	210	1.016
10	39.57	14.52	12.27	28.70	28.70	1.84	5.37	200	
15	39.80	13.95	12.33	25.80	53.60	2.43	4.81	240	
20	40.30	14.58	12.31	25.60	54.70	2.64	4.03	300	
25	40.83	14.94	12.28	27.30	46.80	2.19	3.91	300	
30	41.19	15.48	12.27	27.40	47.50	2.07	4.86	260	
35	41.47	15.12	12.27	27.80	51.80	2.00	5.45	280	
40	41.79	15.03	12.26	28.70	39.50	1.84	5.25	260	
45	42.03	15.12	12.26	29.20	35.50	1.70	4.74	280	
50	42.29	15.26	12.25	29.50	3.40	1.49	4.71	280	
55	42.44	15.26	12.25	29.60	1.60	1.36	4.54	300	
60	42.82	15.21	12.25	29.90	-11.90	0.82	4.03	300	
65	42.85	15.25	12.24	30.00	-13.70	0.74	3.99	260	
70	43.10	15.27	12.24	30.50	-14.50	0.69	3.53	300	
75	43.16	15.66	12.22	31.10	-21.30	0.56	2.94	260	
80	43.52	15.45	12.23	31.30	-33.20	0.53	2.92	340	
85	43.58	15.53	12.22	31.60	-37.50	0.46	2.62	280	
90	43.73	15.59	12.23	31.50	-37.10	0.54	2.82	300	
95	43.84	15.66	12.22	32.00	-43.50	0.48	2.65	320	
100	43.94	15.86	12.21	32.10	-41.00	0.45	2.46	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300 page 1 of 2 DO Titrataion = mg/L
Total volume of groundwater purged: 12 gal.

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.016

Sample ID: SB915-0121-01 **Sample Time:** 13.45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: page 1 of 2

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SCA | Sampling Method: Low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/12/13
Project #: 1163.46698 | Pump/Controller ID#: | Weather: Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 31.17 ft.
Length of Water Column (LWC): 33.20 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
105	44.04	15.76	12.21	32.60	-39.20	0.39	2.25	300	
110	44.13	15.85	12.21	32.80	-43.40	0.34	1.71	320	
115	44.24	15.84	12.20	33.10	-41.00	0.30	1.60	320	
120	44.29	15.88	12.20	33.20	-31.00	0.29	1.52	280	
125	44.43	15.89	12.20	33.26	-33.90	0.29	1.41	320	
130	44.46	15.68	12.21	33.60	-27.70	0.25	1.18	290	
135	44.49	16.02	12.20	33.40	-38.20	0.27	1.13	280	
140	44.57	15.93	12.20	33.70	-55.70	0.24	1.33	280	
145	44.64	16.15	12.20	33.60	-52.70	0.20	1.31	320	
150	44.66	16.27	12.19	33.70	-52.00	0.20	0.84	320	
155	44.65	16.02	12.20	33.90	~~-51.0~~ -51.50 mV	0.19	0.85	290	~~1.016~~
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300
DO Titrataion = mg/L
Total volume of groundwater purged: ≈12 gal.
Final Observations: *Color* ~~Cloudy~~ MJW clear *Odor* None *Sheen/Free Product* None
Specific Gravity ~~1.0106~~ 1.016

Sample ID: SB915-0121-01 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Page 2 of 2

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SCA | Sampling Method: Low Flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8-12-13
Project #: 1163.46698 | Pump/Controller ID#: | Weather: 80 - Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: 81.25 ft.
Length of Water Column (LWC): 37.85 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:30
Initial Observations: Color V. light gray cloudy Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	81.42	14.32	6.83	10.20	-52.20	0.08	28.8	400	1.008
10	81.35	14.45	6.82	8.10	-48.60	0.06	9.29	600	
15	81.33	14.67	6.81	7.40	-47.50	0.08	5.67	420	
20	81.33	14.32	6.81	7.00	-45.70	0.09	4.49	440	
25	81.31	14.67	6.81	6.70	-45.90	0.08	3.30	460	
30	81.31	15.42	6.81	6.30	-46.10	0.08	6.69	300	
35	81.31	14.33	6.80	6.60	-45.50	0.08	6.88	460	
40	81.32	15.38	6.81	6.00	-47.70	0.05	2.72	500	
45	81.31	15.34	6.81	5.90	-48.20	0.06	1.86	360	
50	81.31	15.02	6.81	5.90	-47.60	0.07	1.78	360	
55	81.32	14.94	6.80	6.10	-46.50	0.06	3.89	500	
60	81.31	15.63	6.81	5.70	-48.10	0.05	1.44	380	
65	81.31	15.12	6.80	5.70	-47.20	0.05	1.71	420	
70	81.31	15.48	6.80	5.50	-47.20	0.04	1.29	440	
75	81.32	15.39	6.80	5.50	-47.00	0.04	1.34	480	
80	81.32	15.52	6.80	5.46	-46.70	0.03	1.11	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:54
Total volume of groundwater purged: 12 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.006

Sample ID: SB915-0121-02 **Sample Time:** 12:58

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07U
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos
Equipment Used:
Pump/Controller ID#:
Field Personnel: CYV
Date: 9-13-13
Weather: overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 9.31 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1110
Initial Observations: *Color* Blowish *Odor* ND *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.32	15.42	6.62	26.20	-31.30	0.03	88	300	1.012
10	9.32	15.24	6.54	26.20	-32.40	0.04	37	300	
15	9.32	15.20	6.57	26.30	-27.0	0.04	52.3	320	
20	9.32	15.11	6.56	26.30	-23.7	0.04	44.1	320	
25	9.32	15.15	6.55	26.30	-21.30	0.04	38.0	320	
30	9.32	15.21	6.55	26.40	19.50	0.04	28.8	320	
35	9.32	15.28	6.55	26.20	-18.00	0.04	19.5	320	
40	9.32	15.37	6.54	26.30	-17.20	0.04	16.5	320	
45	9.32	15.54	6.54	26.10	-16.30	0.04	11.1	320	
50	9.32	16.18	6.53	26.10	-16.20	0.03	11.1	320	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
DO Titrataion = NA mg/L
Total volume of groundwater purged: ~7 gal.
Final Observations: *Color* clear *Odor* ND *Sheen/Free Product* NO
Specific Gravity 1.012

Sample ID: SB915-D122-03 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Ground fed
Pump/Controller ID#: /21825
Field Personnel: KJK
Date: 8/13/13
Weather: Overcast ~75 °F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: 10.29 ft.
Length of Water Column (LWC): 69.37 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1106
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.28	15.80	6.51	84.70	-31.80	0.75	9.38	220	1.040
10	10.28	15.14	6.36	85.50	-12.10	0.23	12.7	300	
15	10.28	14.71	6.24	85.90	4.40	0.17	12.5	300	
20	10.28	14.50	6.20	86.20	12.10	0.13	12.31	300	
25	10.28	14.46	6.18	86.40	15.60	0.12	9.76	300	
30	10.28	14.40	6.18	86.20	16.70	0.10	6.92	300	
35	10.28	14.44	6.17	86.20	17.20	0.10	5.06	300	
40	10.28	14.50	6.17	85.90	19.10	0.09	4.46	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1147
Total volume of groundwater purged: 3 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.046

Sample ID: SB915-0122-02 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

720-4092

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-~~08~~ 12B-07R
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: ACP
Date: 8/13/13
Weather: 70's cloudy

Well information:
Installed Depth of Well*: 114.59 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 15.70 ft.
Length of Water Column (LWC): 98.89 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:09
Initial Observations: Color v. slightly cloudy-clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (1.108)
5	40.81	16.29	7.13	177.4	-35.90	0.12	33.7	160	1.108
10	41.02	16.85	7.13	178.30	-38.50	0.12	23.8	150	
15	40.98	16.65	7.13	178.40	-37.00	0.12	33.0	150	
20	40.98	16.41	7.12	178.40	-37.60	0.12	35.4	150	
25	40.91	16.41	7.12	178.50	-39.70	0.11	46.0	150	
30	40.89	16.48	7.10	178.70	-42.20	0.10	48.1	140	
35	40.85	16.48	7.08	178.50	-44.00	0.10	52.2	150	
40	40.85	16.73	7.06	178.30	-44.20	0.10	58.9	140	
45	40.87	16.92	7.05	178.30	-45.10	0.09	57.9	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11.57
DO Titrataion = _____ mg/L
Total volume of groundwater purged: ~~5~~ 7 gal.

Final Observations: Color v. slightly cloudy Odor none Sheen/Free Product none
Specific Gravity 1.108

Sample ID: SB915-01'22-04 **Sample Time:** 1400

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: purged to 40 feet (~5gals) then started purge time

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/14/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 70's - P.Sunny

Well information:
Installed Depth of Well*: 24.40 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 8.22 ft.
Length of Water Column (LWC): 16.18 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:49
Initial Observations: Color Cloudy L.Brown Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	8.60	12.58	6.29	54.50	-66.80	0.00	93.0	200	1.035
10	9.3	12.93	6.41	41.50	-75.60	0.02	59.2	500	
15	9.10	12.76	6.44	38.60	-75.40	0.01	46.2	360	
20	9.09	13.09	6.46	36.30	-74.80	0.01	30.8	460	
25	8.62	13.58	6.45	36.60	-75.30	0.05	24.5	360	
30	8.62	13.95	6.45	36.70	-73.40	0.03	26.2	220	
35	8.78	14.09	6.43	37.60	-69.20	0.02	20.9	220	
40	8.77	14.82	6.44	36.30	-67.10	0.01	16.2	300	
45	8.76	14.58	6.44	36.60	-66.30	0.01	16.4	300	
50	8.76	13.95	6.45	36.20	-68.50	0.02	12.3	320	
55	8.79	13.71	6.45	35.80	-69.60	0.02	12.8	300	
60	8.77	13.63	6.45	35.50	-69.20	0.01	13.9	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1153
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 9 gal.

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.016

Sample ID: SB915-0123-03 Sample Time: 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Switched depth measure (flow sensing)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: grundfos | Date:
Project #: 1163.48127 | Pump/Controller ID#: | Weather: cool, windy 65°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 7.22 ft.
Length of Water Column (LWC): 91.80 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:45
Initial Observations: *Color* grey/cloudy *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.24	13.13	6.01	120.00	36.50	0.58	1675 AU	420	1.016
10	7.25	12.95	6.09	127.40	22.30	0.13	1617 AU	460	
15	7.25	12.79	6.11	127.90	20.80	0.10	1139 AU	500	
20	7.26	12.95	6.12	127.70	20.90	0.08	815 AU	500	
25	7.26	12.90	6.13	128.60	21.50	0.07	136 NTU	500	
30	7.26	12.83	6.14	128.70	21.50	0.06	88 NTU	500	
35	7.26	12.68	6.14	129.00	20.70	0.06	59.4 NTU	480	
40	7.26	12.76	6.14	129.20	20.90	0.06	46.6 NTU	500	
45	7.26	13.30	6.15	128.20	20.40	0.05	35.4	480	
50	7.24	13.15	6.15	127.60	21.20	0.05	19.8	480	
55	7.26	12.79	6.15	128.40	21.70	0.05	19.4	450	
60	7.25	12.79	6.15	128.40	20.20	0.05	14.2	420	
65	7.26	12.67	6.16	129.10	18.40	0.05	11.1	460	
70	7.25	12.95	6.16	128.90	17.30	0.05	14.12	420	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:55
DO Titrataion = _____ mg/L
Total volume of groundwater purged: ≈ 10 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.072

Sample ID: SB915-0123-02 **Sample Time:** 12:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111 I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: GROUNDFOS | Field Personnel: LVV
Site Location: Camillus, NY | Equipment Used: | Date: 8-14-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 8.22 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: *Color* Brown *Odor* ND *Sheen/Free Product* ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.25	13.39	6.22	85.20	-27.20	0.45	76	300	1.028
10	8.25	13.16	6.31	87.20	-33.50	0.13	118	420	
15	8.25	13.39	6.33	87.20	-32.70	0.10	79.5	420	
20	8.25	13.39	6.33	87.60	-31.30	0.09	39.4	420	
25	8.25	13.69	6.33	87.40	-29.80	0.07	26.3	420	
30	8.25	13.46	6.34	87.40	-28.40	0.07	19.5	420	
35	8.26	13.25	6.34	87.90	-27.20	0.06	17.4	420	
40	8.26	13.30	6.34	87.90	-26.20	0.05	16.7	420	
45	8.26	13.89	6.33	87.60	-25.40	0.04	11.1	420	
50	8.26	14.25	6.33	87.0	-24.8	0.04	11.03	420	
55	8.26	13.66	6.34	87.4	-24.10	0.04	10.11	420	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
DO Titrataion = NA mg/L
Total volume of groundwater purged: ~ 8 gal.

Final Observations: *Color* clear *Odor* ND *Sheen/Free Product* ND
Specific Gravity 1.044

Sample ID: SB915-0123-04 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Groundfos
Pump/Controller ID#: 615150
Field Personnel: CJK
Date: 8/14/13
Weather: Overcast ~70°F

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 8.93 ft.
Length of Water Column (LWC): 133.82 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1040
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.04	14.31	4.63	176.60	155.3	2.33	62.3	140	1.094
10		PURGE	TO	41.5'					
15	41.58	12.99	5.50	181.40	31.90	0.13	29.7	300	
20	41.95	13.31	5.45	180.40	46.60	0.21	26.7	260	
25	42.10	13.42	5.62	180.20	32.50	0.23	32.3	240	
30	42.03	13.62	5.73	179.50	29.40	0.23	28.7	200	
35	41.95	13.40	5.82	179.20	23.30	0.23	33.6	220	
40	41.73	13.49	5.87	184.00	20.20	0.22	61.5	180	
45	41.61	13.63	5.94	183.00	15.50	0.20	84.1	200	
50	41.59	14.43	5.98	181.60	12.10	0.16	32.6	200	
55	41.61	14.08	6.01	182.60	10.20	0.14	25.0	220	
60	41.73	13.51	6.04	183.60	9.50	0.14	21.4	210	
65	41.75	13.31	6.05	183.50	9.20	0.15	25.3	220	
70									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1146
Total volume of groundwater purged: 9 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.014

Sample ID: SB915-0123-01 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: 115731
Field Personnel: KSK
Date: 8/15/13
Weather: Sunny ~ 75°F

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 13.64 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

5: 6/21/08

Start Purge Time: 1017
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.21	16.65	10.70	9.80	36.90	6.52	27.9	160	1.008
10	14.30	17.14	10.67	10.00	36.40	6.56	20.1	100	
15	14.38	18.17	10.64	9.90	36.20	6.17	13.6	100	
20	14.39	18.83	10.62	9.90	36.10	5.98	11.5	100	
25	14.45	19.20	10.61	9.90	35.80	5.78	9.75	120	
30	14.50	19.50	10.59	10.00	35.30	5.57	9.37	100	
35	14.56	19.85	10.57	10.00	35.00	5.35	10.04	100	
40	14.57	20.06	10.56	10.10	34.70	5.24	10.54	100	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 11 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.004

Sample ID: SB915-MW-D124-01 **Sample Time:** 1350

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: ACP
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 8-15-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 80 - sunny

Well information:
Installed Depth of Well*: 58.54 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 16.33 ft.
Length of Water Column (LWC): 42.21 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10/28 1055
Initial Observations: Color Cloudy l. Brown Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.41	13.95	6.04	81.60	44.40	0.06	626	320	1.048
10	16.41	14.17	6.03	81.20	43.30	0.03	2160	500	
15	16.40	14.55	6.04	81.30	46.40	0.03	2293	420	
* 20	16.40						1105	300	
25									
30									
~	~	~	~	~	~	~	~	~	
10-Hold 05	16.41	15.12	6.03	81.20	48.90	0.03	49 (NM)	300	
10	16.40	14.99	6.04	81.10	53.80	0.02	643 (AU)	340	
15	16.40	14.87	6.04	81.00	55.20	0.02	38 (NTU)	340	
20	16.40	14.83	6.04	80.50	55.80	0.01	18	360	
** 25	16.40	14.76	6.04	81.20	56.20	0.01	79	360	
30	16.4	14.75	6.04	80.80	56.30	0.01	71.5	380	
35	16.40	14.81	6.04	80.60	55.50	0.01	57.9	360	
40	16.40	14.88	6.04	80.60	54.40	0.01	45.5	380	
45	16.39	14.90	6.04	80.10	54.60	0.01	34.10	320	
50	16.39	14.80	6.04	80.10	54.60	0.01	25.2	320	
55	16.39	14.93	6.04	80.00	53.90	0.01	20.5	320	
60	16.40	15.18	6.04	80.00	53.30	0.01	17.6	320	
65	16.40	15.31	6.04	80.10	52.60	0.01	18.7	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
Total volume of groundwater purged: 10.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.046

Sample ID: SB915-0124-02 Sample Time: 1250

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
* hit END low flow → re-start
** turbidity meter acting strange - re-calibrated (in error)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-EMW-01S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: / 015150
Field Personnel: KJK
Date: 8/16/13
Weather: Sunny ~75°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 7.95 ft.
Length of Water Column (LWC): 12.10 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1035

Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.30	16.96	6.62	29.80	7.80	0.28	36.0	220	1.016
10	8.38	17.76	6.22	30.00	13.60	0.37	28.1	100	
15	8.49	18.43	6.22	29.80	20.40	0.47	20.9	100	
20	8.69	19.62	6.25	28.50	23.90	0.20	12.6	160	
25	8.74	20.31	6.28	27.70	22.00	0.18	9.97	100	
30	8.93	20.05	6.30	26.60	22.40	0.15	8.47	180	
35	8.90	20.30	6.30	26.60	23.80	0.17	7.99	120	
40	8.93	21.11	6.29	26.80	24.90	0.16	7.45	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1116

DO Titrataion = mg/L

Total volume of groundwater purged: 2 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None

Specific Gravity 1.014

Sample ID: SB915-0125-01 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-023
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: ACP
Date: 8-16-13
Weather: 80's · Sunny

Well information:
Installed Depth of Well*: 20.63 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 5.31 ft.
Length of Water Column (LWC): 15.32 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1035
Initial Observations: Color Cloudy-Clear Odor no Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	10.08	18.62	6.31	50.20	-8.00	0.12	35.4	300	1.024
10	10.10	18.92	6.28	51.30	-3.80	0.10	30.3	280	
15	10.09	18.87	6.27	51.90	-1.10	0.07	20.7	280	
20	10.09	18.82	6.26	52.30	0.70	0.06	19.1	280	
25	10.11	18.89	6.25	52.80	1.80	0.05	17.7	280	
30	10.11	18.91	6.25	53.10	2.20	0.04	16.8	280	
35	10.11	19.00	6.25	53.30	1.20	0.03	20.2	280	
40	10.02	19.12	6.23	53.60	-0.20	0.03	22.6	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.026

Sample ID: SB915-0135-02 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-1144-035
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 8/16/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: sunny, 75°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 8.18 ft.
Length of Water Column (LWC): 17.92 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:45 *
Initial Observations: *Color* black/dark grey *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.37	16.55	6.15	63.30	-64.40	0.17	22.8	200	1.032
10	9.57	17.68	6.18	59.60	-63.30	0.10	20.2	220	
15	9.85	17.54	6.20	56.40	-60.00	0.09	21.0	180	
20	10.09	17.75	6.19	56.00	-57.30	0.08	19.6	200	
25	10.38	17.85	6.20	55.30	-53.20	0.07	23.1	200	
30	10.64	17.99	6.20	55.30	-50.80	0.06	23.9	220	
35	10.93	18.48	6.19	55.20	-48.10	0.05	25.5	120	
40	11.11	17.86	6.18	54.90	-44.30	0.04	30.0	200	
45	11.36	18.08	6.18	55.00	-41.40	0.03	30.2	200	
50	11.50	17.89	6.17	54.80	-38.80	0.03	36.1	200	
55	11.56	17.18	6.18	54.40	-35.80	0.02	32.6	360	
60	11.62	16.95	6.19	51.70	-30.10	0.02	36.2	290	
65	11.74	16.94	6.18	51.20	-27.20	0.02	34.4	220	
70	11.88	16.65	6.17	55.00	-29.80	0.02	30.1	300	
75	11.98	17.10	6.17	56.10	-31.50	0.02	25.7	220	
80	12.14	17.58	6.17	56.70	-33.60	0.02	19.0	260	
85	12.35	17.45	6.18	57.40	-35.10	0.02	15.0	300	
90	12.43	17.53	6.18	57.50	-35.60	0.02	12.1	220	
95	12.48	17.02	6.18	58.60	-35.70	0.03	13.4	180	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:15
DO Titrataion = _____ mg/L
Total volume of groundwater purged: ≈ 6 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.028

Sample ID: SB915-0125-03 **Sample Time:** 13:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * black water in beginning of flow. Cleared up quick

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: ~~SB915-MW~~ NWBR-MW-14D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: 155172
Field Personnel: KSK
Date: 8/9/13
Weather: Overcast/scattered rain

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 39.64 ft. bmp.
Depth to Water*: 5.92 ft.
Length of Water Column (LWC): 53.72 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1022
Initial Observations: *Color* None *Odor* Clear *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.34	18.43	6.18	63.70	14.00	2.72	29.4	130	1.030
10	7.20	17.32	6.14	64.90	24.20	1.89	22.0	100	-
15	8.00	17.38	6.14	65.60	26.40	1.62	15.0	320	-
20	8.21	17.30	6.15	65.20	26.00	1.36	65.2	75	-
25	8.71	17.13	6.16	64.30	24.70	1.36	46.4	120	-
30	8.72	17.67	6.15	65.20	25.90	1.31	39.7	80	-
35	9.04	16.34	6.16	65.00	26.00	1.18	33.3	280	-
40	9.28	17.74	6.16	65.60	24.50	1.18	27.5	160	-
45	9.30	18.48	6.16	64.90	23.60	1.14	33.2	80	-
50	9.61	17.01	6.16	65.00	25.10	0.84	27.6	100	-
55	11.32	15.29	6.16	65.80	23.30	0.18	23.8	240	-
60	11.35	16.83	6.16	65.30	21.00	0.16	19.4	120	-
65	11.38	16.94	6.16	64.90	20.70	0.14	23.2	120	-
70	11.39	16.84	6.16	65.20	20.60	0.14	23.4	150	-
75	11.38	16.70	6.16	65.10	20.20	0.15	22.7	130	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1137
Total volume of groundwater purged: 3 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.034

Sample ID: SB915-0120-03 **Sample Time:** 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Suggest Purge to 11' before sampling (KSK)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MJW
Date: 8/7/13
Weather: Overcast, muggy, 80°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 120.6a ft. bmp.
Depth to Water*: 9.13 ft.
Length of Water Column (LWC): 111.56 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:40
Initial Observations: Color cloudy grey Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	* Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.10	13.07	6.68	~~194~~ 195.0	-31.20	0.13	82	400	1.120
10	9.10	13.48	6.67	189.~~46~~	-26.40	0.10	85	500	
15	9.10	13.53	6.66	190.88	-23.50	0.10	79	460	
20	9.10	13.57	6.64	190.03	-21.20	0.11	54	420	
25	9.10	13.84	6.64	190.70	-19.50	0.10	81.7	380	
30	9.11	13.66	6.63	190.31	-17.50	0.10	70.2	420	
35	9.11	13.71	6.62	191.16	-15.70	0.09	46.1	420	
40	9.10	13.66	6.61	191.44	-14.80	0.09	34.7	400	
45	9.10	1357	6.61	191.04	-13.70	0.09	38.2	360	
50	9.10	13.62	6.61	191.77	-13.80	0.08	22.5	360	
55	9.09	13.89	6.60	190.98	-12.40	0.09	16.6	360	
60	9.10	13.39	6.61	191.99	-10.70	0.08	12.2	420	
65	9.10	13.52	6.60	192.04	-10.20	0.08	9.13	400	
70	9.10	13.52	6.60	192.37	-9.60	0.09	7.99	440	
75	9.10	13.57	6.60	191.86	-9.20	0.09	7.66	420	
80	9.10	1357	6.60	191.86	-9.20	0.09	6.04	440	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00
Total volume of groundwater purged: ≈12 gal.
DO Titrataion = ____ mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.120

Sample ID: SB915-0120-04 Sample Time: 1235

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Accidently left in µS/cm. Divided results on I-phone by 1000 to convert to mS/cm and rounded to hundredth decimal.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1185
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 8/8/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: sunny, muggy, 85°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 4.56 ft.
Length of Water Column (LWC): 10.87 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10.55
Initial Observations: *Color* grey *Odor* none *Sheen/Free Product* cloudy

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.11	18.70	6.56	31.40	-24.50	0.14	65.3	130	1.012
10	5.30	19.47	6.55	33.20	-19.00	0.10	55.2	210	
15	5.57	19.72	6.54	35.60	-15.60	0.07	71.2	140	
20	5.59	20.42	6.54	35.40	-15.00	0.06	45.8	100	
25	5.88	19.80	6.53	30.50	-7.30	0.43	32.6	100	
30	5.90	20.98	6.52	38.00	-7.50	0.35	23.8	100	
35	5.97	20.81	6.54	37.50	-6.90	0.29	19.1	190	
40	6.02	MW ~~20.85~~ 20.59	6.54	36.30	-6.40	0.27	19.5	210	
* ~~45~~	~~6.07~~						13.1	~~160~~	
45	6.82	20.78	6.54	37.70	-6.00	MW ~~2.60~~ 0.28	— *	— *	
50	6.82	20.98	6.77	10.70	-0.30	2.60	— *	— *	
55	6.84	19.86	6.54	25.30	10.80	0.31	69.6	200	
60	6.82	20.51	6.51	32.90	4.80	0.17	43.1	140	
65	6.81	21.06	6.52	36.60	1.70	0.12	31.9	140	
**									
4/9/13 @ 1028	4.62	23.10	6.99	13.85	64.3	6.32	38.4	NA	1.006
	Sample collected using Disposable PVC Bailer								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00
DO Titrataion = mg/L
Total volume of groundwater purged: ~7 gal.
Final Observations: *Color* clear *Odor* — *Sheen/Free Product* —
Specific Gravity —

Sample ID: SB915-0120-01 **Sample Time:** 8.9.13 @ 1055

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Pump malfunction, changed out
** Pump malfunction. Purged well to dry. Pulled approximately 7 gal. total.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1045
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Purge + Bail
Equipment Used: Grundfos / PVC Bailer
Pump/Controller ID#:
Field Personnel: JWB
Date: 8-9-13
Weather: ~78°F Rainy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 9.01 ft.
Length of Water Column (LWC): 16.96 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 2.7 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1330
Initial Observations: *Color* Brown *Odor* No *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
2	12.90	15.27	5.93	86.96	48.1	0.16	40.7	7500	1.062
5	18.30	14.02	5.94	89.07	40.3	0.17	104.2	7500	
8	22.39	12.76	5.95	84.90	38.1	0.08	4040	7500	
10	Dry								
8.9.13 @ 1110	8.00	21.82	6.00	104.51	1.2	2.79	11.7	NA	1.062
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: ~7 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.062

Sample ID: SB915-0120-02 **Sample Time:** 1135 8.9.13

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Grundfos / low flow | Field Personnel: JC JK
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8/8/13
Project #: 1163.48127 | Pump/Controller ID#: 155717 | Weather: Sunny ~ 80°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 28.14 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1113
Initial Observations: Color Clear to brown Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.22	16.33	7.28	1.20	77.10	1.00	7999.9	180	
10	28.25	15.23	7.30	1.20	69.20	0.77	542.9	340	
15	28.29	15.56	7.33	1.20	67.90	0.72	274.5	360	
20	28.31	15.37	7.27	1.20	65.40	0.69	185.1	360	
25	28.34	15.39	7.27	1.20	61.20	0.67	147.4	320	
30	28.38	15.35	7.26	1.20	60.40	0.68	104.2	360	
35	28.48	15.44	7.26	1.20	60.30	0.70	80.2	400	
40	22.19	15.57	7.25	1.20	59.90	0.71	73.8	300	
45	22.19	15.48	7.25	1.20	58.80	0.77	45	300	
50	22.19	15.57	7.25	1.20	56.90	0.79	15	320	
55	22.19	15.57	7.24	1.20	55.80	0.79	10	320	
60	22.19	15.60	7.24	1.20	55.20	0.80	81.5	320	
65	22.19	15.82	7.24	1.20	54.90	0.80	71.5	320	
70	22.18	15.68	7.23	1.20	54.50	0.82	59.2	320	
75	22.19	15.59	7.23	1.20	54.30	0.83	48.1	320	
80	22.19	15.53	7.23	1.20	53.40	0.82	35.8	320	
85	22.19	15.68	7.23	1.20	53.30	0.85	37.9	320	
90	22.19	15.80	7.23	1.20	53.30	0.84	30.7	320	
95	22.19	15.91	7.22	1.20	53.20	0.83	26.3	320	
100	22.19	16.27	7.22	1.20	53.00	0.85	28.5	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

WS Sensitivity = 3

WS Sensitivity = 4

Re-calibrated Turbidity meter →

End Purge Time: 1253
DO Titrataion = — mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0119-03 **Sample Time:** 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 9.8.13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~80° & Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 54.60 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1112
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	54.80	[illegible]	7.23	1.10	15.70	0.60	27.1	400	1.000
10	54.80	14.68	7.25	1.10	2.20	0.50	25.0	220	
15	54.80	15.04	7.23	1.00	-1.00	0.54	22.9	220	
20	54.80	15.59	7.23	1.00	-1.70	0.51	18.1	220	
25	54.80	15.77	7.22	1.00	-2.00	0.47	16.1	220	
30	54.80	15.78	7.22	1.00	-1.20	0.43	14.3	220	
35	54.80	16.01	7.22	1.00	-1.80	0.39	11.7	220	
40	54.80	16.54	7.22	1.00	-5.40	0.35	11.0	220	
45	54.80	15.91	7.22	1.00	-3.00	0.32	10.38	220	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202
DO Titrataion = mg/L
Total volume of groundwater purged: 4.0 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.000

Sample ID: SB915-0119-04 **Sample Time:** 1255

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.8.13
Weather: ~80°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.68 ft. bmp.
Depth to Water*: 15.53 ft.
Length of Water Column (LWC): 0.15 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: gal.
DO Titrataion = mg/L

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow Grundfos Pump | Field Personnel: JWR
Site Location: Camillus, NY | Equipment Used: Grundfos Pump | Date: 8/6/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~80°F Sunny

Well information:
Installed Depth of Well*: ~~26.00~~ ft. bmp.
Measured Depth of Well*: 26.00 ft. bmp.
Depth to Water*: 7.93 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1130
Initial Observations: Color Med. Brown Odor No Sheen/Free Product N/O

indicate units

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	5	9.23	19.98	6.66	15.90	-16.60	0.18	861	120	1.006
	10	9.33	20.94	6.66	15.90	-18.80	0.20	809	120	
	15	9.33	22.16	6.65	15.90	-21.60	0.19	651	120	
	20	9.33	22.82	6.65	15.80	-22.60	0.17	671	120	
*	25	9.67	22.31	6.67	15.30	-20.60	0.17	1334	120	
	30	9.65	21.19	6.66	15.80	-22.20	0.10	656	120	
	35	9.60	20.81	6.65	16.00	-21.70	0.08	988	120	
	40	9.48	21.64	6.64	16.20	-24.00	0.09	780	100	
	45	9.53	21.46	6.65	15.90	-23.30	0.09	1027	120	
	50	9.74	21.35	6.65	15.80	-23.20	0.08	1093	100	
**	55	—	21.35	6.65	15.80	~~-23.18~~ -23.96	~~P/O~~ P/O	—	—	
	60	10.13	21.23	6.71	15.60	-20.10	1.16	2468	160	
	65	10.13	20.31	6.67	16.00	-22.60	0.12	1991	160	
	70	10.10	21.96	6.68	16.00	-27.00	0.08	1641	160	
	75	10.13	22.50	6.66	15.80	-28.80	0.06	2073	150	
***	Logging stopped - Purged ~25 gallons of very turbid water from well. Will allow it to recover overnight & sample using a PVC Bailer									
8.7.13@	1411	8.100	Sampled using PVC Bailer							
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.
Final Observations: Color Med. Brown Odor No Sheen/Free Product N/O
Specific Gravity ____

Sample ID: SB915-0118-05 **Sample Time:** 1435

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Attempted to clean sediment out of tubing & lost flow. Had to turn it up to get flow back
** New pump, kept losing flow.
*** Well can't be sampled under current conditions, Grundfos pumps are failing. Attempting to purge dry & remove some sediment

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos
Equipment Used:
Pump/Controller ID#:
Field Personnel: CVV
Date: 9-7-13
Weather:

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 65.11 ft. bmp.
Depth to Water*: 32.43 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1040
Initial Observations: *Color* Clear *Odor* ND *Sheen/Free Product* ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	33.89	16.56	11.90	59.40	-145.30	2.21	34.6	140	1.028
10	34.40	16.95	11.93	60.10	-151.40	1.11	35.1	140	
15	34.50	16.02	11.95	62.0	-152.30	0.49	34.0	140	
20	34.62	16.54	11.95	61.80	-154.0	0.45	28.0	140	
25	34.67	16.96	11.94	61.30	-151.50	0.45	17.1	140	
30	34.75	16.74	11.96	61.0	-150.6	0.46	16.60	140	
35	34.79	16.56	11.96	61.0	-152.1	0.42	19.10	140	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
Total volume of groundwater purged: ____ gal.

DO Titrataion = ____ mg/L

Final Observations: *Color* clear *Odor* ND *Sheen/Free Product* ND
Specific Gravity 1.024

Sample ID: SB915-0118-03 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MJW
Date: 8/7/13
Weather: sunny, humid, warm 80°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 8.98 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:35
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.07	13.16	12.49	8.90	31.20	2.78	1.82	300	1.002
10	9.07	12.94	12.51	9.00	19.90	2.59	0.72	300	
15	9.06	12.96	12.52	9.00	25.30	2.52	0.80	300	
20	9.06	12.96	12.52	9.10	18.10	2.47	0.70	310	
25	9.06	12.95	12.52	9.10	16.70	2.45	0.17	300	
30	9.07	12.70	12.53	9.00	17.00	2.44	1.15	400	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

1.002

End Purge Time: 11:05
DO Titrataion = _____ mg/L
Total volume of groundwater purged: ~5 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.002

Sample ID: SB915-0118-01, SB915-0118-04 (FD) **Sample Time:** 11:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8-7-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~80 - p.cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 24.85 ft.
Length of Water Column (LWC): 17.25 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:37
Initial Observations: Color clear Odor none Sheen/Free Product none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
0	25.82	15.53	11.57	65.40	-106.50	0.51	11.5	220	1.032
5	25.80	16.29	11.57	64.30	-110.10	0.39	11.15	220	
10	25.79	16.60	11.59	62.50	-113.30	0.30	10.52	220	
15	25.82	16.59	11.59	63.80	-116.40	0.25	11.14	220	
20	25.82	16.69	11.59	64.20	-118.70	0.21	7.73	220	
25	25.82	16.60	11.59	65.60	-120.60	0.19	8.10	220	
30	25.82	16.48	11.59	66.20	-122.40	0.16	7.51	220	
35	25.83	16.56	11.59	66.80	-122.20	0.16	5.98	220	
40	25.83	16.60	11.58	67.50	-122.90	0.15	4.70	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:23
DO Titrataion = mg/L
Total volume of groundwater purged: 2.5 gal.
Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.034

Sample ID: SB915-0118-02 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Grundfos | Field Personnel: CYV
Site Location: Camillus, NY | Equipment Used: | Date: 8-6-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 5.24 ft.
Length of Water Column (LWC): 14.82 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1110
Initial Observations: *Color* cloudy *Odor* ND *Sheen/Free Product* ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.50	17.56	6.71	10.90	61.50	0.11	4102	260	1.004
10	6.50	18.11	6.83	8.40	92.70	0.13	1,011	260	
15	6.70	18.48	6.93	5.80	141.20	0.10	416.20	260	
20	6.70	18.79	6.93	5.20	146.50	0.09	29.60	260	
25	6.20	19.15	6.93	4.90	139.80	0.07	16.20	260	
30	6.20	19.37	6.93	4.60	139.0	0.07	8.67	260	
35	6.20	19.42	6.94	4.20	136.8	0.06	6.66	260	
40	6.20	19.59	6.95	4.00	132.90	0.06	7.43	260	
45	6.20	19.68	6.96	3.80	130.10	0.06	5.91	260	
50	6.10	19.73	6.97	3.60	128.90	0.06	4.86	260	
55	6.20	19.68	6.98	3.40	125.50	0.05	3.95	260	
60	6.30	19.66	7.00	3.10	123.50	0.05	4.59	260	
65	6.50	19.65	7.02	2.90	122.20	0.05	2.62	260	
70	6.50	19.72	7.03	2.70	119.90	0.05	2.45	260	
75	6.50	19.81	7.03	2.60	116.90	0.04	1.95	260	
80	6.50	19.98	7.04	2.50	117.20	0.04	2.06	260	
85	6.50	20.13	7.02	2.50	117.0	0.03	2.63	260	1.002
[redacted]									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235
DO Titrataion = NA mg/L
Total volume of groundwater purged: ~7 gal.

Final Observations: *Color* clear *Odor* ND *Sheen/Free Product* ND
Specific Gravity 1.002

Sample ID: SB915-0117-04 **Sample Time:** 1355

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8.6.13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~80 - Cloudy

Well information:
Installed Depth of Well*: ~~36.38~~ ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 7.25 ft.
Length of Water Column (LWC): 29.13 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: Color v light Brown Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.27	12.58	6.66	14.60	-14.50	0.08	99.1	500	1.002
10	7.28	12.60	6.66	14.80	-12.50	0.06	84.5	500	
15	7.28	12.31	6.67	14.80	-11.10	0.05	67.7	500	
20	7.29	12.63	6.67	14.80	-12.10	0.04	54.5	500	
25	7.29	12.59	6.67	14.80	-9.00	0.03	47.8	500	
30	7.29	12.57	6.67	14.80	-8.20	0.03	35.6	500	
35	7.30	12.54	6.67	14.80	-8.70	0.03	21.4	500	
40	7.29	12.49	6.67	14.80	-6.70	0.02	12.5	520	
45	7.29	12.49	6.67	14.80	-6.60	0.02	16.5	520	
50	7.29	12.51	6.67	14.90	-6.40	0.02	6.98	520	
55	7.29	12.53	6.67	14.90	-5.60	0.02	8.62	500	
60	7.29	12.54	6.68	14.80	-8.50	0.02	5.45	500	
65	7.29	12.69	6.67	14.90	-10.20	0.02	2.97	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 8.5 gal.

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.006

Sample ID: SB915-0117-01, SB915-0117-02, SB915-0117-03 **Sample Time:** ~~1150~~ ~~1215~~ (DB) 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: ALP
Site Location: Camillus, NY | Equipment Used: Groundfos | Date: 8-5-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~75° Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.51 ft. bmp.
Depth to Water*: 5.85 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:35
Initial Observations: *Color* Clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.72	16.27	6.13	37.50	43.20	2.02	7.31	120	1.022
10	9.35	15.84	6.17	36.80	27.50	0.49	13.6	280	
15	10.25	17.18	6.17	36.80	25.80	0.46	20.0	320	
20	11.50	16.46	6.17	36.60	19.90	0.33	25.8	240	
25	11.65	17.54	6.16	36.50	19.40	0.40	16.3	240	
30	11.76	14.84	6.14	37.60	16.80	0.15	18.6	240	
35	11.97	16.32	6.15	37.30	19.70	0.23	15.7	180	
40	12.26	16.31	6.15	37.40	21.00	0.23	8.94	170	
45	12.36	15.68	6.15	37.30	21.00	0.19	6.5	380	
50	12.37	15.39	6.15	37.30	20.70	0.13	3.21	320	
55	12.38	15.29	6.16	37.40	19.10	0.11	1.56	320	
60	12.38	15.55	6.17	37.30	17.20	0.20	1.01	320	
65	12.41	15.84	6.19	37.20	15.90	0.43	0.75	300	
70	12.58	16.11	6.23	37.50	13.80	0.78	0.57	220	
75	12.64	16.59	6.23	37.40	13.50	0.87	0.56	160	
80	12.68	16.92	6.23	37.30	15.10	0.87	0.90	140	
85	12.68	16.96	6.22	37.40	16.50	0.86	0.76	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:02
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 7.0 gal.

Final Observations: *Color* Clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.02

Sample ID: SB-915-0116-01 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
* flow decreasing due to pump switched out pump

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115RR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 8-5-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.92 ft. bmp.
Depth to Water*: 8.53 ft.
Length of Water Column (LWC): 82.39 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1135
Initial Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.93	13.72	6.56	32.50	127.60	1.15	1855	500	1.012
10	8.83	13.88	6.54	33.00	147.90	1.13	7821	320	
15	8.88	13.45	6.55	34.20	132.50	0.98	3724	320	
20	8.88	14.55	6.53	33.40	120.30	1.97	4061	320	
25	8.85	14.01	6.53	38.30	111.20	1.42	3533	260	
30	8.80	14.40	6.51	47.10	89.00	1.54	889	220	
35	8.80	14.31	6.52	48.40	76.20	0.77	124	260	
40	8.84	15.60	6.51	48.10	65.30	0.70	108	220	
45	8.81	16.56	6.51	47.80	64.50	0.61	62	220	
50	8.81	15.71	6.51	48.20	68.80	0.61	120	220	
55	8.81	15.03	6.51	48.60	69.80	0.65	98.3	200	
60	8.81	14.86	6.52	47.90	70.20	0.54	95.5	210	
65	8.81	15.81	6.51	47.30	63.20	0.52	53.2	220	
70	8.81	16.41	6.51	46.90	60.00	0.51	47.8	220	
75	8.81	16.60	6.51	46.90	59.00	0.47	42.7	220	
80	8.81	16.83	6.51	46.30	59.10	0.45	37.1	220	
85	8.81	16.83	6.51	46.30	58.90	0.43	32.1	210	
90	8.81	16.69	6.51	46.50	58.90	0.43	28.4	210	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1407
DO Titrataion = mg/L
Total volume of groundwater purged: 7.0 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.022

Sample ID: SB915 OIL6-02 **Sample Time:** 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos
Equipment Used:
Pump/Controller ID#:
Field Personnel: CVV
Date: 8-2-13
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 88.95 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: *Color* cloudy *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	45.52	17.34	5.54	198.1	43.30	0.86	22.4	150	1.126
10	45.52	16.63	5.59	199.90	37.50	0.77	27.0	200	
15	45.52	16.52	5.71	198.0	29.40	0.69	27.9	200	
20	45.55	16.69	5.86	195.30	20.20	0.53	27.3	200	
25	45.74	16.22	5.96	193.0	17.0	0.40	27.0	200	
30	45.60	16.75	6.01	193.10	14.90	0.31	33.0	120	
35	45.52	16.96	6.05	186.60	14.60	0.31	40.8	180	
40	45.39	17.42	6.08	186.10	13.50	0.28	40.6	140	
45	45.41	16.90	6.11	187.20	11.70	0.34	39.7	180	
50	45.43	16.25	6.17	185.70	10.0	0.27	28.9	180	
55	45.43	16.40	6.18	184.80	10.0	0.26	24.6	180	
60	45.45	16.69	6.19	181.90	9.90	0.25	19.1	180	1.126
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125
Total volume of groundwater purged: ~ 7 gal.

DO Titrataion = NA mg/L

Final Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.126

Sample ID: SB915-0115-04 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: - Purge well to 45' TOC before taking readings
- For low flow use 158 MP

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing: —
Easting: —

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#:
Field Personnel: JWR
Date: 8/2/13
Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 57.16 ft. bmp.
Depth to Water*: 7.55 ft.
Length of Water Column (LWC): 49.61 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1018
Initial Observations: Color V. light Milky Odor None Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.59	14.22	6.51	12.50	40.60	0.15	>1000	300	1.006
10	7.62	14.26	6.51	12.50	35.10	0.08	470	500	
15	7.62	14.04	6.52	12.40	34.60	0.08	167	500	
20	7.60	15.03	6.52	12.30	34.70	0.10	96.9	500	
25	7.66	15.01	6.53	12.20	35.30	0.11	73.2	300	
30	7.60	14.88	6.53	12.20	35.40	0.10	65.7	300	
35	7.60	14.87	6.53	12.20	35.20	0.09	52.5	300	
40	7.60	15.06	6.53	12.20	35.10	0.08	46.7	300	
45	7.60	15.17	6.53	12.10	35.70	0.07	36.8	300	
50	7.60	15.35	6.53	12.10	36.20	0.07	42.9	300	
55	7.60	15.17	6.53	12.10	36.10	0.09	41.8	300	
60	7.60	15.21	6.53	12.10	36.00	0.09	40.5	300	
65	7.60	15.66	6.53	12.00	35.10	0.08	35.8	300	
70	7.60	15.47	6.53	12.10	36.80	0.08	27.6	300	
75	7.60	15.45	6.53	12.00	35.70	0.09	24.1	300	
80	7.60	15.48	6.53	12.00	35.20	0.09	23.6	300	
85	7.60	15.32	6.53	12.00	37.10	0.09	18.5	300	
90	7.60	15.53	6.54	11.90	36.60	0.09	16.5	300	
95	7.60	15.43	6.53	11.90	36.00	0.09	16.0	300	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155
DO Titrataion = — mg/L
Total volume of groundwater purged: ~9 gal.

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.004

Sample ID: SB915-0115-02 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: ALM
Date: 8-2-13
Weather: 70's - Sunny

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 9.64 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 10:30
Initial Observations: Color v. light brown Odor none Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/CM)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.60	16.81	6.31	99.3	93.40	1.73	5.60	380	
10	9.60	15.06	6.19	130.30	57.10	0.31	87.7	340	
15	9.60	15.93	6.18	133.40	48.10	0.22	87.2	240	
20	9.62	15.62	6.19	136.10	41.40	0.18	86.0	240	
25	9.60	15.65	6.20	136.70	37.60	0.12	87.7	240	
30	9.60	15.63	6.21	137.10	36.40	0.12	63.1	280	
35	9.60	15.53	6.21	137.30	36.40	0.13	44.8	240	
40	9.60	14.88	6.21	137.30	35.70	0.12	27.1	280	1.074
45	9.60	14.71	6.21	137.40	35.30	0.11	17.6	280	
50	9.60	14.92	6.22	137.30	35.00	0.09	12.5	300	
55	9.60	15.03	6.22	136.80	34.70	0.08	10.27	320	
60	9.60	15.12	6.22	136.10	34.80	0.07	7.93	300	
65	9.60	15.30	6.22	135.20	34.90	0.07	6.99	300	
70	9.60	15.73	6.22	134.70	35.60	0.07	7.75	300	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:42
Total volume of groundwater purged: 6 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor none Sheen/Free Product no
Specific Gravity 1.076

Sample ID: SB915-0115-03 **Sample Time:** 12:25

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * - adjusted hose & pump.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfo
Equipment Used:
Pump/Controller ID#:
Field Personnel: CJV
Date: 4-1-13
Weather: Overcast

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.98 ft. bmp.
Depth to Water*: 4.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☐ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: ~~0915~~ 1105
Initial Observations: Color clear Odor ND Sheen/Free Product ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.33	17.10	6.91	4.20	25.50	0.86	144	200	1.002
10	5.34	17.70	6.98	3.60	27.40	0.66	87.8	200	
15	5.35	18.14	7.07	2.60	30.70	0.66	21.8	200	
20	5.35	18.57	7.10	1.90	33.90	0.49	12.9	200	
25	5.35	19.10	7.11	1.70	35.50	0.46	6.68	200	
30	5.35	19.48	7.12	1.60	40.40	0.44	4.03	200	
35	5.35	19.72	7.11	1.60	40.80	0.43	2.66	200	
40	5.35	19.81	7.13	1.50	43.40	0.42	2.51	200	
45	5.35	19.64	7.10	1.70	44.80	0.42	1.48	200	
50	5.35	19.97	7.14	1.40	44.90	0.41	1.05	200	
55	5.35	19.46	7.11	1.50	46.00	0.41	1.20	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
Total volume of groundwater purged: ~3 gal.
DO Titrataion = NA mg/L

Final Observations: Color clear Odor ND Sheen/Free Product ND
Specific Gravity 1.002

Sample ID: SB915-0114-02 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: LOW FLOW
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: S. MASON
Date: 8/1/13
Weather: 70/overcast

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 9.04 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: Color cloudy Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
1105 5	9.04	15.15	7.32	4.00	60.30	0.15	2139	200	1.002
10	9.56	15.85	7.31	4.90	47.20	0.16	2503	240	—
15	9.29	15.71	7.21	8.50	-76.60	0.12	2468	240	—
25 (skipped one to tub.)	9.49	16.46	7.24	9.50	-76.20	2.63	986	200	—
30	9.52	15.52	7.02	20.10	-61.40	2.15	762	200	—
35	9.50	15.75	7.04	19.70	-63.60	1.82	76	200	—
40	9.49	15.62	7.06	19.00	-67.50	1.28	48	200	—
45	9.49	15.53	7.02	24.10	-69.70	1.06	57.1	240	—
50	10.01	15.48	7.02	24.60	-68.10	0.75	32.8	200	—
55	9.96	15.24	6.99	27.80	-66.00	0.61	23.0	300	—
60	9.67	15.62	6.98	28.60	-66.50	0.59	15.6	240	—
65	9.71	15.75	7.01	26.50	-67.00	0.52	20.2	240	—
70	9.67	15.73	7.01	26.70	-68.10	0.45	16.6	240	—
75	9.62	15.91	7.01	26.10	-69.50	0.38	14.5	240	—
80	9.60	15.76	7.00	27.10	-68.90	0.32	12.2	240	—
85	9.59	15.80	6.99	28.00	-68.60	0.29	13.3	240	1.016
90	9.61	15.91	6.99	28.20	-68.50	0.26	14.9	240	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
Total volume of groundwater purged: 20 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.016

Sample ID: SB915-0114-03 Sample Time: 1343

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-18R
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used:
Pump/Controller ID#:
Field Personnel: MJW
Date: 8/1/13
Weather: overcast; rain

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: ~~5.02~~ 2.57 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: ~~8:~~ 10:30
Initial Observations: *Color* dark brown cloudy *Odor* none *Sheen/Free Product* none

indicate units

recalibrated @ 30 min (gave ~46 NTU)

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (AU → first 5) (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	2.57	14.54	6.88	10.50	-61.50	0.12	1114	340	1.004
10	2.57	14.54	~~6.88~~ 6.90	10.50	-60.30	0.11	608	340	
15	2.56	14.49	6.90	10.50	-58.70	0.10	108	360	
20	2.57	14.86	6.90	10.50	-57.90	0.10	50	340	
25	2.57	14.43	6.90	10.50	-56.60	0.08	9	360	
30	2.57	14.57	6.90	10.50	-55.90	0.07	93.8	340	
35	2.57	14.60	6.90	10.50	-54.90	0.06	70.5	350	
40	2.57	14.52	6.90	10.50	-54.20	0.06	54.2	350	
45	2.57	14.67	6.90	10.50	-53.80	0.05	41.6	320	
50	2.57	14.86	6.90	10.50	-53.20	0.05	35.4	330	
55	2.57	14.81	6.90	10.40	-52.50	0.05	28.8	320	
60	2.58	14.81	6.90	10.40	-52.00	0.05	25.3	340	
65	2.57	14.84	6.90	10.50	-51.70	0.04	20.1	340	
70	2.57	15.17	6.90	10.40	-51.20	0.04	19.0	340	
75	2.57	15.11	6.90	10.40	-50.80	0.03	14.9	320	
80	2.58	15.14	6.90	10.40	-50.40	0.03	13.3	340	
85	2.58	15.02	6.90	10.40	-49.90	0.03	13.2	340	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:55
Total volume of groundwater purged: ≈ 10 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.004

Sample ID: SB915-0114-MW-04 **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WS-06
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: SJW
Date: 9/9/13
Weather: 70/cloudy

Well information:
Installed Depth of Well*: 82.00 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 12.88 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1015
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	13.47	11.94	9.59	24.00	35.10	0.11	11.20	440	1.012
10	13.61	12.24	8.99	25.10	-205.60	0.10	9.02	300	—
15	13.68	12.41	8.38	25.70	-140.20	0.11	9.17	240	—
20	13.80	12.59	8.20	26.40	-101.10	0.12	9.51	200	—
25	13.93	12.48	8.13	27.40	-121.50	0.12	10.18	240	—
30	13.98	12.51	8.04	30.00	-179.20	0.08	9.95	300	—
35	14.01	12.58	7.90	34.80	-193.70	0.06	7.34	300	—
40	14.11	12.81	7.80	40.60	-192.50	0.05	5.89	300	—
45	14.23	12.84	7.58	49.50	-167.90	0.06	5.21	300	—
50	14.29	12.69	7.26	68.40	-137.90	0.06	2.59	300	—
55	14.33	12.76	6.85	92.60	-90.70	0.05	1.72	120	—
60	14.39	13.14	6.54	109.00	-55.20	0.06	2.32	100	—
65	14.35	13.08	6.31	116.50	-28.50	0.06	2.5	100	—
NOT STABLE FLOW W/O TURNING PUMP UP CONTINUOUSLY SO put new PUMP UP! *									
			on back						
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* OFF new pump.

End Purge Time: 1230
Total volume of groundwater purged: ~10 gal.
DO Titrataion = ~ mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.064

Sample ID: SB915-0135-01 Sample Time: 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

new pump STARTED AT 1200.

Time	Depth to Water	Temp	PH	Sp. Cond.	ORP	DO	Turb.	Flow Rate
5	14.40	12.86	6.26	118.70	-18.20	0.12	5.56	500
10	14.41	13.13	6.20	119.10	-11.40	0.06	3.06	380
15	14.39	13.22	6.18	119.00	-8.90	0.05	5.97	400
20	14.38	13.36	6.18	118.60	-8.00	0.04	6.45	400
25	14.38	13.36	6.18	118.50	-7.50	0.03	7.95	400
30	14.38	13.45	6.19	118.40	-7.50	0.03	8.87	400

Specific gravity @ start: 1.064

" " @ end: 1.064

Clear
no odor
no sheen

APPENDIX B

4th Quarter 2013 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Purge
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB & AKM
Date: 11-18-13
Weather: ~45°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 9.64 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1430
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	9.89	13.22	6.82	0.98	115.4	0.42	—	500	1.001
5	10.75	13.31	6.79	0.98	83.3	0.70	2.04	500	
10	11.64	13.33	6.80	0.98	62.2	0.76	0.55	500	
15	12.80	13.36	6.79	0.99	40.7	0.22	0.16	500	
20	14.35	13.31	6.80	0.99	35.0	0.22	0.50	500	
25	15.30	13.24	6.81	0.98	43.7	0.26	0.33	500	
30	16.90	12.98	6.82	0.97	49.3	0.37	0.13	500	
35	18.00	12.79	6.83	0.96	49.2	0.48	0.60	500	
sampled 11/19/13	9.95	11.54	6.96	0.90	142.0	9.85	0.42	240	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1020
DO Titrataion = — mg/L
Total volume of groundwater purged: 9 gal.
11/19/13
Final Observations: Color Clear Odor none Sheen/Free Product none/none
Specific Gravity 1.002

Sample ID: SB915-0151-01
Sample Time: 1020 11/19/13

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/28/13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~45°F Sun/Cl

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 8.11 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1328
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.12	11.59	6.77	14.20	-28.30	0.08	1.69	400	1.010
10	8.12	11.22	6.74	14.30	-25.60	0.05	1.17	400	
15	8.12	11.04	6.74	14.40	-24.20	0.04	0.73	400	
20	8.12	10.88	6.73	14.40	-23.20	0.03	0.89	400	
25	8.12	10.92	6.73	14.40	-22.60	0.03	0.71	400	
30	8.12	10.93	6.73	14.40	-22.10	0.02	0.32	400	
35	8.12	11.15	6.72	14.40	-21.80	0.02	0.41	400	
40	8.12	11.01	6.72	14.40	-21.40	0.02	0.36	400	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.008

Sample ID: SB915-0138-08 **Sample Time:** 1417

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 10-28-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 40°F, windy, some sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.51 ft. bmp.
Depth to Water*: 5.70 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1305
Initial Observations: Color NO Odor some sulfur Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5		13.77	6.10	39.10	-4.90	0.13	12.29	260	1.020
10	9.78	13.91	6.10	39.00	-0.66	0.09	10.79	260	
15	10.33	13.96	6.12	39.00	3.80	0.09	11.49		
20	10.72	14.34	6.13	38.70	8.60	0.12	11.6		
25	11.19	14.58	6.13	38.40	10.00	0.09	10.37		
30	11.50	14.72	6.13	38.30	10.50	0.09	8.68		
35	11.96	14.63	6.14	38.50	10.40	0.09	6.18		
40	11.93	13.98	6.13	39.00	9.50	0.10	6.79	260	1.022
45	12.32	14.18	6.13	38.60	7.90	0.10	3.91		
50	12.40	14.52	6.14	38.50	5.00	0.10	3.10		
55	12.42	14.36	6.13	38.70	1.80	0.09	1.65	260	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1403
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.020

Sample ID: SB915-0138-06 Sample Time: 1422

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Grundfos tubing is ~1ft pushed down into the well.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-140
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: | Date: 11.7.13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~45°F Rain

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 5.71 ft.
Length of Water Column (LWC): 53.93 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
* 5	11.05	11.55	6.28	65.80	-4.90	0.12	13.4	120	1.034
10	11.05	11.66	6.29	66.10	-7.70	0.13	16.9	120	
15	11.05	11.77	6.30	66.00	-8.10	0.13	18.2	120	
20	11.23	11.92	6.29	66.40	-7.20	0.10	20.5	120	
25	11.50	11.88	6.29	66.50	-5.90	0.09	24.4	140	
30	11.53	11.92	6.29	66.30	-5.40	0.08	26.5	140	
35	11.60	11.92	6.29	66.40	-4.60	0.09	28.1	140	
40	11.76	11.76	6.29	66.80	-3.80	0.08	28.0	140	
45	11.78	11.74	6.29	66.90	-3.10	0.08	26.8	120	
50	11.48	11.55	6.29	66.50	-2.00	0.10	26.3	120	
55	11.32	11.59	6.29	66.60	-2.10	0.10	29.6	120	
60	11.45	11.74	6.29	66.80	-1.60	0.08	29.5	140	
65	11.68	11.83	6.29	66.70	-0.50	0.07	26.0	140	
70	11.88	12.33	6.28	66.40	0.10	0.06	24.3	120	
75	12.00	12.24	6.28	66.00	0.70	0.06	24.6	120	
80	12.08	12.08	6.28	66.40	6.90	0.07	24.9	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1217
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.032

Sample ID: SB915-0145-03 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
* Purged DTW down to 11.05 ft btoc before starting low-flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915MW-14BR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 11/7/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 46° Raining

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 8.95 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1058
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.05	11.84	6.38	206.50	-39.50	0.21	76.3	440	1.080
10	9.05	11.76	6.50	199.10	-37.70	0.13	40.4	480	
15	9.06	11.75	6.54	198.80	-35.50	0.12	98.0	460	1.128
20	9.06	11.75	6.55	196.70	-28.70	0.10	80.0	400	
25	9.04	11.80	6.55	193.30	-23.90	0.10	18.7	420	1.126
30	9.04	11.84	6.55	194.80	-21.00	0.10	62.1	400	
35	9.04	11.77	6.55	193.90	-19.10	0.09	46.4	400	1.122
40	9.04	11.77	6.54	193.80	-16.90	0.10	52.2	420	
45	9.04	11.81	6.53	193.60	-14.40	0.10	64.6	420	1.120
50	9.04	11.75	6.53	195.50	-13.10	0.08	57.5	420	
55	9.04	11.67	6.53	195.30	-12.00	0.08	38.0	420	
60	9.05	11.75	6.53	194.50	-11.00	0.08	10.94	420	
65	9.05	11.98	6.53	194.40	-10.40	0.08	13.4	420	1.124
70	9.05	11.94	6.53	195.10	-10.60	0.08	16.5	420	
75	9.05	11.80	6.53	194.90	-9.40	0.07	15.7	420	
80	9.05	11.75	6.52	192.10	-7.90	0.08	14.4	420	1.122
85	9.05	11.61	6.52	194.50	-7.50	0.07	10.85	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225
DO Titrataion = — mg/L
Total volume of groundwater purged: 10 gal.

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.122

Sample ID: SB915-0145-04 Sample Time: 1238

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: —
Field Personnel: JWB
Date: 11-14-13
Weather:

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 19.75 ft. bmp.
Depth to Water*: 15.53 ft.
Length of Water Column (LWC): 4.20 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough	water	to	sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.
Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____
Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

34.65
39.40

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#:
Field Personnel: MJW
Date: 11/14/13
Weather: sunny, 35°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 41.26 ft.
Length of Water Column (LWC): 23.11 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:05
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	44.39	10.67	12.29	59.10	-133.90	0.53	8.76	340	1.026
10	45.19	10.90	12.38	50.00	-124.00	0.56	5.75	300	
15	45.88	11.78	12.43	41.90	-120.10	0.82	4.72	280	
20	46.26	12.34	12.39	44.10	-123.70	0.78	4.65	260	
25	46.62	12.84	12.35	45.80	-128.00	0.72	5.16	280	
30	46.90	13.18	12.32	48.10	-131.10	0.64	5.14	260	
35	47.03	13.30	12.29	50.10	-133.20	0.57	5.99	240	
40	47.26	13.57	12.26	51.80	-135.60	0.46	4.87	240	
45	47.42	13.75	12.24	53.00	-137.60	0.40	4.81	240	
50	47.53	13.86	12.23	54.10	-139.80	0.36	4.27	240	
55	47.71	13.99	12.22	54.50	-141.40	0.31	3.80	260	
60	47.85	14.25	12.20	55.20	-142.70	0.27	3.88	260	
65	47.91	14.16	12.21	55.30	-142.30	0.26	3.67	240	
70	48.05	14.12	12.20	55.80	-144.40	0.31	2.94	260	
75	48.10	14.30	12.19	56.20	-145.40	0.30	2.62	240	
80	48.18	14.40	12.18	57.40	-147.20	0.26	2.26	240	
85	48.28	14.54	12.17	57.90	-148.40	0.24	2.09	260	
90	48.33	14.54	12.16	58.70	-149.50	0.23	2.07	260	
95	48.36	14.63	12.15	59.00	-150.80	0.21	1.99	240	
100	48.48	14.65	12.15	59.70	-152.10	0.19	1.92	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:00
DO Titrataion = mg/L
Total volume of groundwater purged: ~9 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.028

Sample ID: SB915-0150-02 Sample Time: 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: page 1 of 2

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB9S-MW-36I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	48.56	14.75	12.14	60.30	-154.30	0.16	1.50	280	
110	48.58	14.77	12.14	60.50	-154.20	0.14	1.34	260	
115	48.59	14.67	12.14	60.40	-154.20	0.16	1.38	240	1.028

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: 121825
Field Personnel: CAH
Date: 11-14-13
Weather: Sunny, wind, 40°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.70 ft. bmp.
Depth to Water*: 81.73 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1114
Initial Observations: Color medium grey Odor None Sheen/Free Product No/some

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	81.90	11.80	6.79	12.20	-64.30	0.19	29.7	460	1.004
10	81.90	13.32	6.80	9.70	-64.00	0.11	12.4	550	
15	81.90	13.26	6.80	8.20	-58.80	0.11	5.45	460	
20	81.90	13.09	6.80	7.60	-55.10	0.12	3.49	480	
25	81.90	13.23	6.80	7.00	-52.70	0.11	2.12	460	
30	81.90	13.36	6.80	6.60	-51.00	0.10	1.47	460	
35	81.90	13.43	6.80	6.40	-48.90	0.10	1.43	440	
40	81.90	13.49	6.80	6.10	-47.50	0.10	1.15	460	
45	81.90	13.49	6.80	6.10	-46.40	0.10	0.95		
50	81.90	13.59	6.80	5.90	-46.10	0.08	0.81		
55	81.90	13.35	6.80	5.80	-44.00	0.08	0.74		
60	81.90	13.45	6.80	5.70	-43.20	0.08	0.69		1.001
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1216
DO Titrataion = mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: Color clear Odor None Sheen/Free Product None
Specific Gravity 1.001

Sample ID: SB915-0150-01 **Sample Time:** 1233

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: —
Field Personnel: JWB
Date: 11-13-13
Weather: ~28°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 41.78 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry	not sampled							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.

Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____
Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-42I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: LOW FLOW
Equipment Used: GRUNDFOS
Pump/Controller ID#:
Field Personnel: SJW
Date: 11/13/13
Weather: 30 / SUN

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 50.74 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: Color Cloudy, Whitish Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	53.37	10.34	12.11	102.90	-73.30	0.91	21.4	120	1.060
10	53.84	10.20	12.12	103.70	-60.70	1.17	25.5	120	—
15	54.16	10.11	12.13	104.40	-67.30	1.00	19.0	120	—
20	54.60	10.90	12.11	103.20	-58.40	0.91	12.2	120	—
25	54.71	11.15	12.12	100.00	-45.20	0.87	11.74	120	—
30	55.01	10.48	12.14	103.00	-46.70	0.89	9.75	120	—
35	55.46	10.34	12.14	104.00	-44.40	0.84	8.08	120	—
40	55.79	10.97	12.12	103.70	-45.60	0.65	9.07	120	—
45	56.20	10.91	12.13	104.00	-47.90	0.68	8.34	120	—
50	56.71	10.70	12.13	105.50	-50.10	0.64	7.30	120	1.056
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
Total volume of groundwater purged: ~1.5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.056

Sample ID: SB915-0149-02 Sample Time: 1222

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-420
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: CAH
Date: 11-13-13
Weather: Sunny, 25-30F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.46 ft. bmp.
Depth to Water*: 68.11 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: *Color* light Grey *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	68.15	10.44	6.35	97.70	-37.40	0.34	55	340	1.046
10	68.15	10.83	6.37	102.80	-47.30	0.18	78.8	340	
15	68.15	11.20	6.39	104.40	-51.30	0.14	52.4	340	
20	68.15	11.48	6.39	104.30	-52.50	0.13	30.1		
25	68.13	11.85	6.40	103.80	-52.80	0.12	26.3		
30	68.13	11.74	6.40	104.00	-52.30	0.11	23.7		
35	68.13	12.03	6.40	102.60	-51.80	0.10	23.5		
40	68.14	12.21	6.40	102.40	-51.30	0.09	22.6		
45	68.13	11.80	6.40	103.30	-51.10	0.09	26.0		
50	68.13	11.86	6.41	102.50	-51.10	0.08	22.9		1.056
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155
Total volume of groundwater purged: 5 gal.

DO Titrataion = mg/L

Final Observations: *Color* light light grey *Odor* None *Sheen/Free Product* None
Specific Gravity 1.056

Sample ID: SB915-0149-MW2 03 **Sample Time:** 1210

Analytical Parameters: ex 11/13/13

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: NA | Date: 11-12-13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~35°F Cloudy

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 36.15 ft. bmp.
Depth to Water*: NA ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry,	not sampled							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-SLS
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: NA | Date: 4.11.13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~35°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 35.23 ft. bmp.
Depth to Water*: NA ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry, not sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: NA | Date: 11-12-13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~30F Cloudy

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 35.00 ft. bmp.
Depth to Water*: NA/Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	Dry,	not sampled							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 11/12/13
Project #: 1163.48127 | Pump/Controller ID#: 22557/21825 | Weather: light snow; 30°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 50.33 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 11:05
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	53.00	8.97	12.04	128.50	-163.50	0.36	54.1	180	1.068
10	53.33	8.32	12.11	127.90	-157.80	0.24	30.7	130	
15	53.60	8.10	12.13	130.40	-156.40	0.19	37.4	120	
20	53.98	8.50	12.13	129.20	-149.20	0.23	19.6	120	
25	54.48	8.88	12.11	129.30	-145.60	0.17	14.8	120	
30	54.98	9.31	12.10	128.40	-143.90	0.16	16.4	120	
35	55.14	9.02	12.11	128.70	-138.20	0.16	14.7	100	
40	55.48	9.69	12.08	127.70	-137.30	0.12	11.38	120	
45	55.88	9.74	12.07	129.90	-131.70	0.14	13.1	140	
50	56.10	10.20	12.07	127.40	-126.80	0.12	15.9	140	
55	56.36	10.11	12.09	126.60	-123.40	0.10	12.1	120	
60	56.58	10.25	12.07	126.70	-121.80	0.11	8.81	100	
65	56.70	10.00	12.07	127.40	-114.50	0.10	8.96	100	
70	56.94	10.39	12.06	127.60	-115.40	0.12	8.51	120	
75	57.23	10.62	12.05	127.00	-112.30	0.10	7.54	120	
80	57.44	10.99	12.04	125.70	-109.50	0.11	7.65	120	
85	57.74	11.18	12.03	126.80	-110.70	0.12	7.51	120	
90	57.98	11.29	12.02	126.40	-109.20	0.11	6.86	140	
95	58.24	11.39	12.02	126.50	-108.90	0.10	7.79	140	
100	58.37	11.27	12.03	126.40	-105.20	0.11	8.28	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:15
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ~4 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.068

Sample ID: SB915-0148-02 **Sample Time:** 13:45

Analytical Parameters: temp pH Sp.C. ORP DO Turb. FR

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory
105 58.53	11.55	12.02	126.50 -103.90	0.11 6.24	120
110 58.70	11.86	12.01	125.90 -102.10	0.12 5.28	120
115 58.75	11.41	12.04	124.90 -98.90	0.13 6.28	120
120 58.80	11.42	12.03	126.30 -98.80	0.14 5.72	120
Notes: 125 58.94	11.79	12.02	124.60 -99.10	0.14 5.25	120
130 59.04	11.60	12.02	124.50 -99.50	0.13 5.34	120 1.068

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-530
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Grnd Fos - Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: | Date: 11-12-13
Project #: 1163.48127 | Pump/Controller ID#: 22555/15517 | Weather: 30°F, light snow

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 67.43 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1112
Initial Observations: *Color* Dark Grey *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	67.47	9.80	7.18	2.00	-55.70	0.66	88.8	600	1.00F
10	67.47	10.50	7.14	2.10	-48.50	0.37	50.6	550	
15	67.47	10.69	7.13	2.10	-45.10	0.25	31.0	480	
20	67.47	10.73	7.12	2.10	-43.20	0.17	23.6	480	
25	67.47	10.73	7.12	2.10	-40.20	0.13	12.7	480	
30	67.47	10.83	7.12	2.10	-37.80	0.13	8.53	480	
35	67.47	10.90	7.11	2.10	-35.40	0.11	6.59		
40	67.47	11.03	7.11	2.10	-33.80	0.09	6.53		
45	67.47	11.05	7.11	2.10	-32.30	0.08	5.24		
50	67.47	11.11	7.10	2.10	-31.40	0.06	4.56		1.000
55	67.47	11.15	7.10	2.10	-30.00	0.11	4.30		
60	67.47	11.29	7.10	2.10	-29.00	0.22	4.35	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1212
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* Nope
Specific Gravity 1.000

Sample ID: SB915-0148-01 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 10/29/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 45°F sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 12.05 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:25
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.06	11.77	6.88	23.20	-67.80	0.30	103.1	500	1.010
10	12.07	11.63	6.91	23.20	-63.90	0.27	56.4	500	
15	12.06	11.61	6.91	23.30	-61.30	0.17	34.3	500	
20	12.06	11.62	6.92	23.30	-59.40	0.15	18.4	500	
25	12.07	11.58	6.92	23.30	-58.00	0.14	11.4	500	
30	12.07	11.57	6.92	23.30	-57.30	0.09	6.70	500	
35	12.07	11.57	6.91	23.30	-56.10	0.16	7.45	500	
40	12.07	11.56 MJW ~~11.57~~	6.91	23.30	-55.20	0.12	6.72	500	
45	12.07	11.57	6.91	23.30	-54.40	0.12	4.74	500	
50	12.07	11.66	6.89	23.10	-53.80	0.10	3.09	500	
55	12.07	11.71	6.89	23.10	-53.40	0.08	2.49	500	
60	12.07	11.89	6.89	23.10	-53.10	0.07	2.18	500	
65	12.07	12.03	6.90	22.90	-52.80	0.08	1.98	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:30
DO Titrataion = mg/L
Total volume of groundwater purged: ≈10 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.010

Sample ID: SB915-0139-08 **Sample Time:** 13:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 10-29-13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~45°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: 11.50 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1230
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.60	13.40	6.57	14.70	-59.00	0.18	13.6	440	1.008
10	12.60	13.21	6.58	13.60	-54.30	0.10	8.49	440	
15	12.60	13.13	6.58	13.30	-51.70	0.06	4.72	440	
20	12.60	13.08	6.58	13.00	-50.10	0.05	3.71	440	
25	12.60	12.95	6.58	12.70	-48.80	0.05	3.14	440	
30	12.60	12.94	6.58	13.40	-48.40	0.05	2.49	440	
35	12.60	12.95	6.58	13.00	-47.50	0.05	1.93	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1307
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* NO
Specific Gravity 1.006

Sample ID: SB915-0139-09,10(FD) **Sample Time:** 1321

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: CAH
Date: 10-29-13
Weather: 35-40°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 18.02 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1140
Initial Observations: *Color* light grey *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.04	11.92	7.32	19.40	-111.10	0.12	38.3	380	1.010
10	18.02	11.84	7.12	19.30	-87.40	0.10	15.2	380	
15	18.03	11.83	6.98	19.30	-73.50	0.07	11.1		
20	18.03	11.75	6.89	19.30	-65.00	0.07	9.16		
25	18.03	11.75	6.83	19.40	-59.50	0.07	7.37	400	1.008
30	18.03	11.82	6.78	19.30	-55.30	0.06	5.98		
35	18.03	11.75	6.75	19.20	-52.20	0.06	3.45		
40	18.04	11.57	6.73	19.40	-49.80	0.06	3.32		
45	18.04	11.49	6.71	19.30	-47.70	0.06	2.42	380	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: *Color* clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.008

Sample ID: SB915-0139-05,06,07 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-701
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 10/29/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny 40°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 18.45 ft.
Length of Water Column (LWC): 43.77 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1200
Initial Observations: *Color* light brown *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.52	11.55	6.49	93.10	-33.40	0.27	74.0	400	1.050
10	18.50	11.46	6.51	91.70	-32.80	0.21	26.6	400	1.050
15	18.52	11.46	6.51	91.90	-32.50	0.16	12.92	420	
20	18.52	11.46	6.52	90.90	-32.50	0.14	8.30	420	
25	18.50	11.43	6.52	90.80	-32.50	0.13	6.23	400	1.048
30	18.50	11.46	6.52	89.30	-32.00	0.12	5.78	400	1.048
35	18.50	11.50	6.52	90.30	-31.70	0.11	5.63	420	
40	18.50	11.54	6.52	90.70	-31.30	0.11	5.73	420	
45	18.50	11.52	6.52	90.40	-30.40	0.10	4.82	400	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1745
DO Titrataion = — mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.048

Sample ID: SB915-0139-04 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-850
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 11-13-13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~30°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 12.75 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1157
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.75	10.20	6.17	107.80	-55.30	0.14	39.7	360	1.060
10	12.75	10.34	6.41	107.50	-68.90	0.07	26.8	360	
15	12.75	10.33	6.51	106.70	-72.80	0.05	18.0	360	
20	12.75	10.45	6.57	106.40	-74.00	0.04	~~76.7~~ 12.0	360	
25	12.75	10.41	6.60	106.50	-74.30	0.04	13.4	360	
30	12.75	10.27	6.62	106.60	-74.30	0.04	15.5	360	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.060

Sample ID: SB915-0149-01 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1045
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Purge + Bail
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 11/7/13
Weather: overcast 45°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 10.28 ft.
Length of Water Column (LWC): 15.69 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: @ 1428
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.70	14.98	5.68	92.10	80.9	5.34	27.7	NA	1.066
10	15.5	13.49	5.94	91.04	36.4	2.65	72.3	NA	
15	17.65	12.97	6.01	90.31	30.1	2.20	151.0	NA	
20	18.60	12.79	6.03	89.85	24.9	2.21	176.0	NA	
25	20.28	12.52	6.05	89.02	22.7	2.50	195.0	NA	
30	21.40	12.28	6.04	89.63	28.3	5.21	104.0	NA	
35	22.23	11.88	6.08	89.23	31.0	4.93	110	NA	1.066
40	22.95	11.87	6.08	89.12	32.4	3.08	107	NA	
11/8/13	9.68								1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: @ 1503
Total volume of groundwater purged: 6 gallons ~~gal.~~
DO Titrataion = — mg/L

Final Observations: Color Brown Odor No Sheen/Free Product NO
Specific Gravity 1.066

Sample ID: SB915-0146-05 Sample Time: 1430

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: 114527
Field Personnel: CAH
Date: 11-15-13
Weather: Sunny 45-50F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 27.92 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1004
Initial Observations: Color White-tan Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	27.92	11.38	7.34	1.30	51.10	0.25	176	360	1.006
10	27.92	11.83	7.30	1.30	45.50	0.25	337	400	
15	27.92	12.43	7.28	1.30	34.10	0.24	298	380	
20	27.92	12.42	7.28	1.30	32.10	0.28	281		
25	27.92	12.58	7.28	1.30	32.30	0.30	256		
30	27.92	12.59	7.27	1.30	32.90	0.32	223		
35	27.92	12.67	7.27	1.30	34.00	0.35	129		
40	27.92	12.67	7.26	1.30	35.00	0.40	89		
45	27.92	12.76	7.26	1.30	34.90	0.40	78.6	380	1.000
50	27.92	12.95	7.26	1.30	35.90	0.39	65.3		
55	27.92	12.95	7.25	1.30	37.30	0.40	37.2		
60	27.92	12.99	7.25	1.30	36.90	0.40	31.3		
65	27.92	12.89	7.25	1.30	38.20	0.42	25.5		
70	27.92	12.92	7.25	1.30	38.90	0.42	23.6		
75	27.92	12.95	7.25	1.30	39.50	0.43	19.7		
80	27.92	12.85	7.25	1.30	40.10	0.45	14.5		
85	27.92	12.83	7.25	1.30	40.30	0.46	18.8		
90	27.92	12.92	7.25	1.30	40.60	0.46	12.5		
95	27.92	12.96	7.24	1.30	40.80	0.46	11.02		
100	27.92	12.86	7.24	1.40	41.00	0.48	8.67		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
DO Titrataion = mg/L
Total volume of groundwater purged: 17 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0151-01 **Sample Time:** 1213

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-104I
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	27.92	12.96	7.24	1.40	41.20	0.48	7.10		
110	27.91	13.12	7.24	1.40	41.10	0.48	6.59		
115	27.91	13.04	7.24	1.40	41.20	0.48	5.92	450	1.000

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: NA
Field Personnel: JWB
Date: 11.14.13
Weather: ~45°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.68 ft. bmp.
Depth to Water*: 15.58 ft.
Length of Water Column (LWC): 0.10 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough	water	to	sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: JWB
Date: 11.14.13
Weather: ~45°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 58.03 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1130
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	58.11	10.03	7.05	0.90	-7.10	0.98	17.2	400	1.000
10	58.11	11.38	7.13	0.90	-11.70	0.96	9.64	400	
15	58.11	12.23	7.20	0.90	-12.20	0.70	5.09	400	
20	58.11	12.50	7.25	0.90	-12.80	0.60	3.21	400	
25	58.11	12.66	7.28	0.90	-12.40	0.47	2.70	400	
30	58.11	12.72	7.30	1.00	-12.70	0.43	1.67	400	
35	58.11	12.78	7.31	1.00	-13.60	0.42	1.28	400	
40	58.11	12.70	7.32	1.00	-11.00	0.46	1.25	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.000

Sample ID: SB915-0150-03 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#: R20978
Field Personnel: KJK
Date: 10/28/13
Weather: Cloudy ~45°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.98 ft. bmp.
Depth to Water*: 4.87 ft.
Length of Water Column (LWC): 15.11 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1035
Initial Observations: Color Clear Odor Sulfur Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (uS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.44	15.05	6.94	2833.30	-1.90	0.39	11.52	480	1.002
10	6.71	15.56	7.18	1388.30	43.10	2.94	3.39	380	
15	7.65	15.73	7.24	1209.00	11.80	2.58	2.10	380	
20	8.19	15.77	7.24	1169.30	9.00	1.79	0.84	460	
25	8.63	15.78	7.23	1171.60	7.30	1.46	0.55	460	
30	8.90	15.76	7.23	1115.10	8.00	1.02	0.17	400	
35	9.21	15.78	7.23	1163.40	6.90	0.82	0.12	320	
40	9.35	15.87	7.23	1135.70	5.30	0.59	0.08	320	
45	9.66	16.01	7.24	1131.30	4.00	0.47	0.08	320	
50	9.81	15.83	7.23	1206.90	4.70	0.42	0.02	240	
55	9.97	15.38	7.25	1209.20	1.70	0.37	0.02	220	
60	10.07	15.43	7.25	1222.40	-1.10	0.31	0.01	220	
65	10.25	15.46	7.26	1207.30	-1.40	0.26	0.01	220	
70	10.40	15.58	7.26	1188.90	-2.60	0.22	0.02	220	
75	10.55	15.12	7.27	1186.10	-2.50	0.20	0.02	220	
80	10.66	15.28	7.27	1220.20	-4.80	0.19	0.01	220	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0138-03 Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 10/28/13
Weather: ~45°F Sun/Clouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 9.10 ft.
Length of Water Column (LWC): 35.72 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1030
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.13	12.89	7.28	4.30	-74.90	0.31	26.1	320	1.002
10	10.32	12.95	7.22	6.50	-67.90	0.17	31.8	220	
15	10.05	13.33	7.06	20.30	-61.30	0.18	59.5	220	
20	10.03	13.95	7.13	18.20	-64.80	0.18	47.0	220	
25	10.05	13.47	7.14	18.40	-65.40	0.17	12.8	220	
30	10.05	13.52	7.14	19.40	-65.60	0.16	7.65	220	
35	10.05	13.31	7.13	20.70	-65.10	0.15	4.74	220	
40	10.05	13.26	7.13	21.30	-64.80	0.15	3.51	220	
45	10.05	13.65	7.11	22.60	-64.10	0.15	1.73	220	
50	10.05	13.65	7.11	23.10	-67.70	0.14	1.31	220	
55	10.05	12.95	7.10	24.50	-62.20	0.17	1.15	220	
60	10.05	12.76	7.09	25.80	-61.00	0.13	0.89	220	
65	10.05	12.95	7.08	26.30	-60.20	0.15	0.75	220	
70	10.08	13.18	7.06	27.00	-59.50	0.15	0.79	220	
75	10.08	12.63	7.07	28.20	-58.40	0.14	0.74	220	
80	10.08	12.59	7.05	29.80	-57.10	0.14	0.75	220	
85	10.08	12.96	7.03	30.10	-56.70	0.12	0.73	220	
90	10.08	13.04	7.02	31.70	-56.10	0.14	0.75	220	
95	10.08	13.24	7.02	31.70	-56.10	0.21	0.75	220	
100	10.08	13.49	7.00	33.10	-55.30	0.13	0.74	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DO Titrataion = — mg/L

End Purge Time: 1230
Total volume of groundwater purged: ~8 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.018

Sample ID: SB915-0138-04 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB415-MW-106I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other Density ( )
Continued from previous page.									
105	10,08	13,55	7,00	33,80	-55,00	0,13	0,73	220	
116	10,08	13,23	6,99	34,10	-54,20	0,13	0,74	220	1,018

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: LOW FLOW
Equipment Used: Pen
Pump/Controller ID#:
Field Personnel: SJ/N
Date: 11/4/13
Weather: 40°/SUN

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 5.40 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1045
Initial Observations: Color mostly clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	5.96	13.95	10.30	61.30	18.30	0.11	12.31	340	1.032
10	7.19	14.13	10.39	60.50	33.40	2.25	12.47	340	—
15	8.10	14.16	10.42	60.50	42.90	2.44	9.30	380	—
20	8.23	14.24	10.39	60.70	33.20	1.53	10.02	320	—
25	8.32	14.21	10.36	61.30	31.50	1.19	10.52	320	—
30	8.39	14.34	10.33	62.10	30.50	0.71	5.40	320	—
35	8.41	14.26	10.31	62.40	29.80	0.41	10.52	320	—
40	8.49	14.33	10.30	62.50	30.00	0.28	5.00	320	—
45	8.58	14.24	10.29	62.80	29.80	0.27	7.86	320	—
50	8.84	14.18	10.28	63.50	30.50	0.18	7.37	320	—
55	8.100	14.26	10.27	64.00	32.30	0.14	7.59	320	—
60	8.104	14.51	10.26	64.70	34.20	0.12	5.87	320	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145
Total volume of groundwater purged: 6 gal.
DO Titrataion = _____ mg/L
Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.032

Sample ID: SB915-0143-01 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 11/4/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 7.46 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:05
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
start 10:45 AM									
5	7.49	12.32	6.53	13.20	8.10	0.24	15.9	300	1.006
10	7.48	12.17	6.57	13.20	1.90	0.09	11.4	260	
15								200	
*									
start 12:05 PM ~~12:30~~									
5	7.50	12.51	6.72	13.20	0.80	0.12	2.96	380	1.006
10	7.49	12.34	6.65	13.10	3.90	0.06	1.91	380	
15	7.50	12.22	6.63	13.10	5.60	0.04	1.74	380	
20	7.50	12.49	6.62	12.90	6.90	0.06	2.22	400	
25	7.48	12.33	6.61	12.80	7.90	0.03	1.88	380	
30	7.49	12.26	6.61	12.80	8.60	0.06	2.27	380	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:35
DO Titrataion = mg/L
Total volume of groundwater purged: ~5 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.004

Sample ID: SB915-0143-04 **Sample Time:** 13:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Flow shut off @ 13 min. Did not finish. Battery + generator did not help

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1070
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: | Date: 11-4-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny 35°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 10.17 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:57
Initial Observations: *Color* light grey *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.24	12.15	6.19	138.00	19.20	0.40	94.8	300	1.080
10	10.27	12.39	6.21	141.80	5.20	0.18	85.4	300	
15	10.27	12.27	6.24	142.40	3.10	0.13	30.6		
20	10.27	12.40	6.25	142.10	3.70	0.11	18.0		
25	10.27	12.40	6.25	142.00	4.50	0.10	11.55		
30	10.27	12.40	6.26	141.60	4.70	0.09	8.13		
35	10.27	12.49	6.26	140.80	5.20	0.09	6.89		
40	10.27	12.45	6.26	140.90	5.70	0.08	5.64		
45	10.27	12.40	6.27	140.10	6.30	0.08	4.67	300	
50	10.27	12.40	6.26	140.80	6.60	0.07	4.34		
55	10.27	12.48	6.27	140.10	6.80	0.07	5.49		
60	10.27	12.48	6.27	140.10	6.80	0.07	4.89		1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: *Color* clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.076

Sample ID: SB915-0143-02 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107R
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JCJK
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 11/11/13
Project #: 1163.48127 | Pump/Controller ID#: (c) 15131 / 23185 (p) | Weather: Overcast ~40° F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 15.69 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1044
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	44.93	12.49	5.72	207.50	22.00	0.46	23.9	120	1.130
10	45.85	12.67	5.68	206.80	29.00	6.58	24.8	300	
15	46.77	12.93	5.67	207.10	28.00	0.56	26.9	280	
20	46.68	13.26	5.67	206.00	29.90	0.54	27.8	320	
25	46.60	13.38	5.68	205.70	28.60	0.52	27.3	320	
30	46.61	13.57	5.68	205.00	35.70	1.13	25.6	360	
35	46.60	13.75	5.70	205.80	44.20	2.04	26.6	380	
40	46.61	13.90	5.72	204.50	48.30	2.43	25.1	420	1.128
45	46.64	13.93	5.74	205.90	50.80	2.93	22.6	460	
50	46.62	14.03	5.76	203.70	53.50	3.36	22.5	520	
55	46.66	14.02	5.79	204.70	55.30	3.58	21.2	400	
60	46.71	13.47	5.81	204.80	56.10	3.71	20.3	140	
65	46.70	13.34	5.83	205.70	57.10	4.02	18.8	200	
70	46.69	13.52	5.84	203.60	58.70	4.36	18.1	240	
75	46.69	13.67	5.86	204.60	59.60	4.54	16.4	340	
80	46.70	13.75	5.87	204.00	60.40	4.56	17.2	300	
85	46.67	13.93	5.88	203.40	60.10	4.43	17.2	280	1.128
~~1296~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
DO Titrataion = mg/L
Total volume of groundwater purged: 14 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.128

Sample ID: SB915-0144-04 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Purge to 45' before starting low flow (~5 gal)
8/13 used 158 Hz for control box
11/13 used ~240 Hz for control box

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: NA | Date: 11.12.13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~30°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 27.00 ft. bmp.
Depth to Water*: 25.38 ft.
Length of Water Column (LWC): 1.62 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not	enough	water	to	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 11/1/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: sunny 65°F windy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 28.82 ft.
Length of Water Column (LWC): 36.03 in ft
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 13:15
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.86	11.85	7.18	1.00	-73.90	0.80	15.6	380	1.000
10	28.88	11.48	7.18	1.00	-68.90	0.11	12.3	460	
15	28.88	11.48	7.16	1.10	-65.40	0.10	10.84	440	
20	28.88	11.48	7.15	1.10	-63.50	0.08	7.66	440	
25	28.88	11.34	7.15	1.00	-61.80	0.05	6.27	460	
30	28.88	11.38	7.15	1.10	-60.10	0.04	6.13	470	
35	28.88	11.30	7.15	1.10	-58.60	0.06	4.18	460	
40	28.88	11.23	7.15	1.10	-57.40	0.05	2.17	460	
45	28.88	11.21	7.15	1.10	-55.80	0.04	1.72	440	
50	28.87	11.31	7.14	1.10	-54.20	0.04	1.40	420	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:05
DO Titrataion = mg/L
Total volume of groundwater purged: ≈ 7 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.000

Sample ID: SB915-0142-07 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJN
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 11/1/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: sunny 65°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 22.24 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:40
Initial Observations: Color light brown/gray Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	23.72	12.99	7.02	3.00	-23.30	0.38	237 NTU	300	1.004
10	24.10	12.67	6.98	3.00	-18.30	0.24	74.2 NTU	280	
15	24.35	12.50	6.97	3.00	-15.30	0.20	69.1	280	
20	24.55	12.44	6.97	3.00	-12.90	0.15	52.1	300	
25	24.68	12.44	6.96	3.00	-10.50	0.15	36.1	300	
30	24.78	12.40	6.96	3.00	-9.00	0.12	26.0	300	
35	24.83	12.08	6.95	3.00	-7.50	0.12	19.1	300	
40	24.90	12.03	6.95	3.00	-6.30	0.12	14.5	300	
45	24.98	12.17	6.95	3.00	-5.80	0.10	11.4	300	
50	25.03	12.48	6.95	3.00	-5.30	0.10	8.45	300	
55	25.07	12.35	6.95	3.00	-4.60	0.09	8.03	300	
60	25.14	12.35	6.95	3.00	-4.00	0.08	7.78	300	
65	25.15	12.44	6.95	2.90	-4.10	0.09	7.23	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45
DO Titrataion = mg/L
Total volume of groundwater purged: ≈6 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.001

Sample ID: SB915-0142-05; SB915-0142-06 (dup) **Sample Time:** 13:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1015
Northing:
Easting:

Site Name:	SB915 Closure	Sampling Method:	low flow	Field Personnel:	AKM
Site Location:	Camillus, NY	Equipment Used:	peristaltic	Date:	11/1/13
Project #:	1163.48127	Pump/Controller ID#:		Weather:	60°F Cloudy

Well information:

Installed Depth of Well*:	ft. bmp.	Length of Water Column (LWC):	in.
Measured Depth of Well*:	15.41 ft. bmp.	Well Diameter:	ft. bmp.
Depth to Water*:	3.80 ft.		

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1130
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.85	18.89	11.87	44.50	-43.10	2.05	9.00	460	1.020
10	3.85	16.04	11.98	41.50	-38.70	0.63	4.38	500	
15	3.85	14.64	12.01	40.00	-44.70	0.13	4.03	400	1.020
20	3.85	14.61	12.00	40.10	-46.20	0.11	2.10	440	
25	3.85	14.61	12.00	40.00	-46.90	0.05	1.74	420	1.020
30	3.85	14.57	12.00	40.20	-47.00	0.04	1.56	420	
35	3.85	14.57	12.00	39.90	-46.80	0.03	2.05	420	1.020
40	3.85	14.50	12.00	39.90	-46.90	0.05	1.61	420	
45	3.85	14.47	12.00	39.70	-46.00	0.05	1.06	420	
50	3.85	14.47	11.99	39.90	-45.70	0.03	1.43	420	1.018
55	3.85	14.56	11.99	40.10	-45.80	0.03	0.82	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
DO Titrataion = — mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.018

Sample ID: SB915-0142-02 **Sample Time:** 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 – MW-109I
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 11/1/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny 65

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.26 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1040
Initial Observations: Color dark Grey Odor not sulfur strong-bad Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.92	12.97	7.60	52.20	-199.20	0.17	49.9	180	—
10	18.08	12.98	7.95	52.20	-224.50	0.11	39.9	180	
15	18.39	12.86	8.01	52.10	-234.10	0.09	28.0		
20	18.51	13.08	8.00	51.80	-237.30	0.07	25.5		
25	18.75	13.50	7.99	51.20	-241.80	0.04	20.5		
30	18.71	13.60	7.95	50.70	-241.80	0.04	17.7	200	1.026
35	18.78	13.80	7.89	49.90	-240.60	0.04	14.7		
40	18.81	13.88	7.80	48.90	-237.60	0.04	11.6	180	
45	18.85	13.95	7.71	47.80	-233.20	0.05	11.2		
50	18.90	13.92	7.62	46.70	-229.70	0.05	10.45		
55	18.91	13.90	7.55	45.70	-225.50	0.06	8.89		
60	18.97	13.80	7.49	44.60	-221.40	0.06	8.53		
65	18.97	13.95	7.46	43.80	-219.60	0.05	8.23		
70	18.97	14.15	7.43	42.80	-217.00	0.05	7.35		
75	18.99	14.11	7.39	41.90	-212.90	0.06	6.83		
80	18.99	14.26	7.36	41.20	-210.30	0.06	5.73		
85	19.01	14.22	7.33	40.07	-207.70	0.05	5.08		
90	19.02	14.14	7.31	39.80	-205.30	0.05	4.75		
95	19.02	13.69	7.28	39.60	-202.00	0.06	5.51		
100	19.02	13.95	7.26	39.30	-199.80	0.06	4.94		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1223
DO Titrataion = — mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor No Sheen/Free Product No
Specific Gravity 1.020

Sample ID: SB915 – MW – 0142 – 01, 03, 04 **Sample Time:** 1307

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: MS/MSD (-03, -04)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: LL# Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peri Pump | Date: 11-8-13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~32°F Snow

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 5.31 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.85	12.30	6.67	4.70	-83.30	0.17	7.78	320	1.004
10	5.86	12.35	6.69	4.70	-82.30	0.12	4.54	320	
15	5.87	12.42	6.69	4.80	-83.60	0.10	2.88	320	
20	5.90	12.30	6.70	4.90	-82.80	0.09	1.72	320	
25	5.91	12.31	6.70	5.00	-82.10	0.08	1.45	320	
30	5.91	12.39	6.70	5.00	-81.50	0.07	1.29	320	
35	5.91	12.45	6.70	5.00	-80.70	0.06	1.13	320	
40	5.91	12.49	6.70	5.10	-80.20	0.06	0.90	320	
45	5.91	12.53	6.71	5.10	-79.70	0.06	0.72	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
DO Titrataion = mg/L
Total volume of groundwater purged: 4.5 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity ~1.002

Sample ID: SB915-0146-03 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 10/31/13
Weather: ~55° F Rain

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 8.17 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1320
Initial Observations: Color V. Light Brown Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.75	12.72	6.14	65.00	-44.50	0.65	8.22	300	1.032
10	8.80	12.46	6.13	64.30	-47.80	0.08	79.50	300	
15	8.81	12.37	6.17	60.20	-52.40	0.06	105.0	300	
20	8.81	12.33	6.22	55.60	-56.90	0.06	87.2	300	
25	8.79	12.39	6.27	50.50	-60.90	0.06	47.4	300	
30	8.79	12.31	6.31	46.10	-63.80	0.06	44.6	300	
35	8.75	12.30	6.35	42.90	-66.40	0.05	30.7	300	
40	8.75	12.24	6.38	40.80	-67.70	0.06	24.0	300	
45	8.75	12.25	6.39	38.70	-68.70	0.06	26.2	300	
50	8.75	12.24	6.42	36.60	-69.70	0.05	21.2	300	
55	8.75	12.21	6.42	35.90	-69.90	0.06	20.4	300	
60	8.75	12.19	6.43	35.30	-69.70	0.05	20.0	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.018

Sample ID: SB915-0111-06 **Sample Time:** 1435

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Peri Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 10/31/13
Weather: ~55°F Rain

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 66.13 ft. bmp.
Depth to Water*: 8.21 ft.
Length of Water Column (LWC): 57.92 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1215
Initial Observations: *Color* V. light brown *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.23	12.54	6.29	88.60	-39.80	0.17	20.0	260	1.050
10	8.23	12.40	6.35	87.70	-36.20	0.10	101.6	260	
15	8.23	12.33	6.34	87.70	-30.70	0.08	40.3	260	
20	8.23	12.31	6.33	87.40	-27.30	0.07	22.1	260	
25	8.23	12.26	6.33	86.60	-26.00	0.07	16.5	260	
30	8.23	12.23	6.33	87.60	-74.90	0.06	9.86	260	
35	8.23	12.23	6.33	86.70	-23.90	0.06	6.86	260	
40	8.23	12.21	6.33	86.60	-22.90	0.07	7.65	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.046

Sample ID: SB915-0141-05 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 10-31-13
Weather: Rain, 50°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 7.30 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1057

Initial Observations: *Color* light grey *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.55	11.85	6.05	126.00	-6.20	0.21	73.5	480	1.064
10	7.55	11.79	6.09	124.60	-10.60	0.10	52.6	500	
15	7.55	11.75	6.11	123.00	-12.20	0.08	28.0		
20	7.55	11.71	6.13	122.20	-12.60	0.07	22.2		
25	7.55	11.70	6.14	122.00	-12.20	0.07	15.0		
30	7.55	11.69	6.15	120.10	-11.90	0.06	11.8		
35	7.55	11.68	6.15	120.60	-11.40	0.07	9.59		
40	7.55	11.66	6.16	121.30	-10.40	0.07	6.99		
45	7.55	11.66	6.16	120.20	-10.40	0.06	9.75		
50	7.55	11.66	6.16	120.50	-9.40	0.07	6.53		
55	7.55	11.66	6.16	120.60	-9.50	0.09	8.74		
60	7.55	11.66	6.17	118.40	-9.00	0.06	4.30		1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155

DO Titrataion = mg/L

Total volume of groundwater purged: 10 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

Specific Gravity 1.072

Sample ID: SB915-0141-02 **Sample Time:** 12:10

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/31/13
Project #: 1163.48127 | Pump/Controller ID#: Rx40X3 | Weather: Rain 250°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 12.40 ft.
Length of Water Column (LWC): 130.35 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1053
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	12.40	13.20	5.43	160.9	142.2	3.16	19.8	400	1.100
5		Purge	To	~~[illegible]~~	19'				
10									
15	20.20	12.13	6.02	182.20	-4.30	6.11	26.2	140	1.118
20	20.70	12.42	6.02	182.40	-4.80	6.13	29.9	140	
25	20.88	12.44	6.03	182.00	-3.40	0.14	32.5	140	
30	21.15	12.46	6.04	181.00	-2.20	6.14	33.8	130	
35	21.42	12.43	6.04	180.90	-0.80	0.16	30.5	130	
40	21.65	12.43	6.05	181.40	+0.30	0.16	29.0	100	
45	21.74	12.51	6.05	180.70	0.80	0.15	29.1	100	
50	21.84	12.55	6.06	183.60	1.40	0.15	28.3	100	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1153
Total volume of groundwater purged: 3 gal.
DO Titrataion = ____ mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.120

Sample ID: SB915-0141-01 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Typically Purge to 41.5'. Since use peri pump only purge to 19'

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1125
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 10-31-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Rain 50°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 13.74 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1314
Initial Observations: Color light grey Odor No Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.68	12.85	10.64	8.80	1.30	4.25	11.43	160	1.008
10	14.80	12.83	10.57	8.90	14.50	3.80	7.72	180	
15	14.93	12.79	10.53	9.00	19.00	3.38	6.48		
20	15.01	12.81	10.50	9.10	20.90	2.58	4.92	120	
25	15.06	12.83	10.48	9.20	22.00	1.85	3.04	160	
30	15.13	12.83	10.45	9.20	22.90	1.45	3.10	160	
35	15.17	12.86	10.42	9.30	23.50	1.18	2.15		
40	15.19	12.86	10.39	9.40	23.80	0.99	1.74	140	
45	15.18	12.87	10.36	9.50	24.30	0.83	1.63		
50	15.22	12.71	10.33	8.70	24.80	0.62	1.27	180	
55	15.33	12.68	10.31	9.80	24.80	0.54	0.78	180	
60	15.35	12.74	10.30	9.80	25.20	0.51	0.98	140	
65	15.38	12.68	10.26	9.90	25.60	0.43	0.91		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1423
Total volume of groundwater purged: 3 gal.
DO Titrataion = _____ mg/L
Final Observations: Color clear Odor None Sheen/Free Product None
Specific Gravity 1.004

Sample ID: SB915-MW0141-04 **Sample Time:** 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ☒ - Battery died; changed.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1121
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/31/13
Project #: 1163.48127 | Pump/Controller ID#: P09083 | Weather: Rain ~50°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 58.54 ft. bmp.
Depth to Water*: 16.19 ft.
Length of Water Column (LWC): 42.35 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1310
Initial Observations: Color Light Brown Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.23	12.19	6.26	83.70	17.10	0.24	67	340	1.048
10	16.22	11.82	6.23	83.70	18.60	0.14	47.2	340	
15	16.22	11.73	6.23	82.90	18.60	0.12	31.7	340	
20	16.22	11.74	6.22	82.30	19.00	0.11	30.9	340	
25	16.22	11.70	6.22	82.00	19.20	0.09	21.6	340	
30	16.22	11.71	6.22	82.00	19.60	0.09	19.0	340	
35	16.22	11.69	6.21	81.90	19.90	0.08	18.3	340	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1340
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.042

Sample ID: SB915-[illegible]0141-03 **Sample Time:** 1355

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 11-7-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 40°F, Cloudy, light Rain

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 29.37 ft. bmp.
Depth to Water*: 9.62 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1000
Initial Observations: Color light grey/clear* Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.18	12.03	12.19	23.70	-98.60	0.10	23.7	300	
10	11.65	11.92	12.05	25.30	-88.10	0.03	22.6	320	
15	12.05	11.89	11.22	30.20	-54.70	-0.01	165		
20	12.15	11.89	11.09	31.10	-66.50	-0.01	248		
25	12.27	11.84	11.06	31.20	-87.70	-0.01	196		
30	12.32	11.77	11.04	31.30	-103.60	-0.01	142		
35	12.33	11.75	11.02	31.40	-121.20	-0.01	90.2		1.016
40	12.33	11.75	11.04	31.30	-137.50	-0.01	60.3		
45	12.33	11.71	11.04	31.30	-150.40	-0.01	42.7		
50	12.38	11.71	11.03	31.50	-143.50	-0.01	41.8		
55	12.38	11.69	11.02	31.60	-151.00	-0.01	35.6		
60	12.38	11.71	11.01	31.60	-158.90	-0.01	33.8		
65	12.42	11.73	11.03	31.40	-151.40	-0.02	27.5 *		
70	12.46	11.72	11.01	31.60	-137.00	-0.01	20.8 *		
75	12.48	11.71	11.02	31.60	-132.30	-0.02	19.5 *		
80	12.50	11.80	11.00	31.70	-125.60	-0.01	19.7 *		
85	12.50	11.83	10.98	31.70	-121.00	-0.01	19.2 *		
90	12.49	11.91	11.00	31.50	-119.60	-0.01	20.6 *	320	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1131
Total volume of groundwater purged: 9 gal.
DO Titrataion = mg/L
Final Observations: Color Clear/light grey Odor No Sheen/Free Product No
Specific Gravity 1.014

Sample ID: SB915-0145-01 **Sample Time:** 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * : sample precipates out. nclear upon measurement, after ~2 mins sample is cloudy, turb: 50-60

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: NA
Field Personnel: JWB
Date: 11-14-13
Weather: ~45°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 39.65 ft. bmp.
Depth to Water*: 34.65 ft.
Length of Water Column (LWC): 5.00 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	well does not produce water, not sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-11SB6
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: S. WASON
Date: 10/28/13
Weather: 45/overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.92 ft. bmp.
Depth to Water*: 9.07 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1300
Initial Observations: Color clear Odor sulphur Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
~~5~~ Reset Flow Thru	~~9.08~~	~~12.08~~	~~10.58~~	~~32.80~~	~~-11.40~~	~~0.67~~	~~23.8~~	~~340~~	~~1.012~~
10	9.95	12.26	10.59	32.80	-11.40	0.67	23.8	340	1.012
15	9.95	12.17	10.58	32.90	-8.30	0.48	25.3	340	—
20	9.01	12.25	10.57	36.00	-7.30	0.05	59.3	340	—
25	9.00	12.39	10.54	53.70	-10.40	0.53	30.1	340	—
30	9.00	12.50	10.54	59.40	-12.10	0.32	15.5	340	—
35	8.98	12.49	10.55	59.70	-12.10	0.29	10.04	340	—
40	8.99	12.10	10.55	100.50	-12.10	0.07	7.53	340	—
45	8.98	12.13	10.55	64.20	-13.00	0.08	10.48	340	—
50	9.00	12.31	10.56	60.90	-12.30	0.09	6.07	340	—
55	9.00	12.41	10.56	61.40	-12.20	0.09	7.35	340	—
60	9.00	12.33	6.55	64.90	-12.60	0.09	7.44	340	—
65	9.00	12.14	10.56	62.30	-11.80	0.08	5.30	340	—
70	9.00	12.35	10.56	61.70	-11.80	0.07	5.44	340	—
75	9.00	12.12	10.56	62.60	-11.30	0.09	5.42	340	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: ~8 gal.
Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.032

Sample ID: SB915-01SB6-05 **Sample Time:** 1435

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/25/13
Project #: 1163.48127 | Pump/Controller ID#: D69078 | Weather: Mostly Cloudy ~50°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 5.57 ft.
Length of Water Column (LWC): 14.49 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☒ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1245
Initial Observations: Color Clear Odor Slight Sulfur Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.31	16.74	6.81	10.90	-54.90	0.46	9.56	360	1.006
10	6.40	16.45	6.95	5.40	-42.60	0.35	10.06	380	
15	6.44	16.32	6.99	4.00	-9.40	0.43	4.53	380	
20	6.43	16.76	6.98	3.70	-0.60	0.50	3.46	380	
25	6.46	16.42	6.98	3.40	2.00	0.37	2.46	380	
30	6.46	16.41	6.98	3.20	1.40	0.24	1.64	380	
35	6.47	16.30	6.99	2.90	0.70	0.20	1.44	380	
40	6.46	16.67	7.01	2.70	6.30	0.32	1.16	380	
45	6.46	16.76	7.02	2.60	1.10	0.49	1.22	380	
50	6.47	16.81	7.02	2.50	1.90	0.60	1.06	380	
55	6.47	16.99	7.02	2.50	4.20	0.59	1.00	380	
60	6.50	16.43	7.02	2.40	5.00	0.62	0.93	380	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1345
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0138-07 Sample Time: 1400

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1175
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 11.4.13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~40°F Sunny

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.00 ft. bmp.
Depth to Water*: 7.74 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1057
Initial Observations: Color V. light milky Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.47	14.29	6.77	16.70	-0.60	0.76	83	160	1.008
10	8.94	14.61	6.79	16.70	-4.90	0.40	91	160	
15	9.29	14.55	6.79	16.80	-4.30	0.27	97	160	
20	9.45	14.58	6.78	17.00	-3.00	0.18	83	160	
25	9.70	14.47	6.78	17.20	-0.40	0.16	142	160	
30	9.86	14.57	6.79	16.50	-0.20	0.12	160	160	
35	10.01	14.52	6.81	16.10	-0.90	0.12	~~210~~ 140	160	
40	10.18	14.31	6.82	15.80	-2.20	0.12	150	160	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
DO Titrataion = mg/L
Total volume of groundwater purged: 2 gal.
Final Observations: Color Med Milky-brown Odor NO Sheen/Free Product NO
Specific Gravity 1.010

Sample ID: SB915-0143-03 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Based on historic sampling events turbidity will cont. to rise

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 10-28-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Part Sun, 40°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 4.31 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1020
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5		14.77	6.83	5.60	-50.80	0.40	15.7	150	
10	5.57	14.49	6.82	6.60	-48.80	0.69	9.12	160	1.004
15	5.74	14.49	6.84	6.60	-46.40	0.64	12.70		
20	5.80	14.49	6.84	6.70	-44.30	0.69	7.25	180	1.002
25	5.95	14.88	6.84	6.80	-43.10	0.69	5.46		
30	6.02	15.30	6.90	6.90	-41.66	1.70	6.33		
35	6.10	15.30	6.84	7.00	-39.40	1.68	4.89		
40	6.15	15.44	6.83	7.20	-37.60	1.96	9.80		1.002
45	6.23	15.12	6.83	7.40	-36.10	2.47	3.81		
50	6.31	15.22	6.83	7.60	-35.10	0.60	5.69		
55	6.39	15.62	6.82	7.70	-33.00	1.66	3.13		
60	6.46	15.66	6.82	7.90	-30.50	1.60	2.60	160	1.004
65	6.50	15.04	6.82	8.20	-29.80	2.27	3.29		
70	6.58	14.57	6.81	8.60	-28.80	2.28	2.36		
75	6.61	15.07	6.80	8.80	-26.70	2.14	2.29		
★ 80	6.63	14.90	6.81	11.60	-27.90	1.82	13.8		
85	6.68	15.46	6.82	9.80	-22.40	0.22	5.89		
90	6.76	14.58	6.81	9.30	-21.90	0.19	2.27		
95	6.84	15.21	6.81	9.40	-20.90	0.17	2.15		
100	6.91	15.57	6.80	9.50	-19.90	0.15	1.50		1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: *Color* clear *Odor* — *Sheen/Free Product* —
Specific Gravity 1.004

Sample ID: SB915-0138-02 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ★ - Tubing came apart, rehooked

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118R
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: BLADDER
Equipment Used: PEH
Pump/Controller ID#:
Field Personnel: S. WASON
Date: 10/28/13
Weather: 45 / OVERCAST

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 3.92 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1015
Initial Observations: Color Clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.94	12.52	6.81	11.10	-46.30	0.17	17.1	320	1.008
10	3.91	12.53	6.83	11.00	-44.60	0.11	12.8	320	—
15	3.92	12.46	6.84	11.00	-43.20	0.09	10.14	320	—
20	3.92	12.44	6.85	11.00	-41.90	0.07	5.43	320	—
25	3.93	12.44	6.85	11.00	-40.90	0.06	3.15	320	—
30	3.92	12.56	6.86	11.00	-40.30	0.06	2.14	320	1.010
35	3.92	12.66	6.86	11.00	-39.60	0.06	1.77	320	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.010

Sample ID: SB915-0138-01 **Sample Time:** 1105

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: | Date: 10-30-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Cloudy 40°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 8.33 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: *Color* clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.85	14.13	6.26	29.80	18.40	1.00	21.8	200	1.014
10	9.02	14.38	6.28	29.00	19.00	0.98	27.8	200	
15	9.19	14.57	6.32	27.80	18.80	0.85	22.5	200	
20	9.34	14.62	6.36	27.20	14.50	0.61	16.6		
25	9.58	14.70	6.38	26.60	11.30	0.52	14.6		
30	9.70	14.72	6.39	26.50	9.30	0.45	9.55		
35	9.85	14.66	6.40	26.40	8.00	0.33	6.87	220	1.012
40	10.02	14.81	6.41	26.20	6.50	0.22	3.74		
45	10.18	14.84	6.41	26.00	4.90	0.15	1.95		
50	10.37	14.79	6.41	26.00	4.00	0.11	1.02	220	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1154
DO Titrataion = mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: *Color* clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.012

Sample ID: SB915-0140-01 **Sample Time:** 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-1140-025
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: KSK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/30/13
Project #: 1163.48127 | Pump/Controller ID#: R09083 | Weather: Mostly Cloudy ~55°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 6.01 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1300
Initial Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.42	15.67	7.22	51.40	-10.70	6.32	9.47	300	1.024
10	9.58	15.91	6.83	51.20	-8.50	0.17	12.78	300	
15	10.33	16.16	6.62	50.80	-8.00	0.08	9.46	300	
20	10.75	16.29	6.50	48.30	-4.40	0.10	11.1	300	
25	11.10	16.13	6.45	48.60	-3.58	0.16	11.5	300	
30	11.35	16.52	6.41	49.30	-4.20	0.17	15.8	300	
35	11.49	16.06	6.40	50.30	-8.60	0.17	25.2	300	
40	11.62	15.96	6.37	51.60	-12.10	0.12	47.8	300	
45	11.76	16.06	6.37	52.10	-12.60	0.10	55.8	300	
50	11.81	15.80	6.36	52.80	-13.10	0.09	66.5	300	
55	11.85	15.84	6.35	53.20	-13.26	0.07	72.3	300	
60	11.90	16.20	6.35	52.80	-13.20	0.06	75.7	300	
65	11.93	16.25	6.35	53.00	-13.10	0.05	61.0	300	
70	11.98	16.16	6.34	53.70	-13.10	0.05	98.2	300	
75	12.04	16.65	6.34	53.20	-4.90	0.05	12.9	300	
80	12.11	16.31	6.34	53.30	-10.40	0.04	49.2	300	
85	12.18	16.42	6.33	53.50	-7.30	0.04	9.62	300	
90	12.16	16.30	6.33	53.60	-10.20	0.04	50.3	300	
95	12.22	16.38	6.33	53.70	-10.60	0.04	72.1	300	
100	12.22	16.29	6.33	53.40	-10.30	0.04	68.3	300	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1445
DO Titrataion = mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* None
Specific Gravity 1.024

Sample ID: SB915-0140-09 **Sample Time:** 1500

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peri Pump | Date: 10/30/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: ~50° F Sun/clouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ~~28~~ 26.10 ft. bmp.
Depth to Water*: 8.50 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1245
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.25	13.85	6.12	69.80	-60.10	0.57	9.44	200	1.036
10	9.44	13.95	6.11	70.00	-62.70	0.19	10.93	120	
15	9.68	13.95	6.11	69.70	-64.50	0.11	7.01	120	
20	9.84	14.08	6.12	68.60	-65.80	0.11	7.35	120	
25	9.94	14.04	6.12	66.90	-67.00	0.10	8.28	120	
30	9.90	14.65	6.10	70.10	-69.00	0.08	11.35	120	
35	10.22	14.67	6.14	60.30	-69.10	0.08	10.02	120	
40	10.28	14.53	6.15	59.80	-67.50	0.08	6.88	120	
45	10.32	14.58	6.14	60.00	-66.40	0.07	7.44	120	
50	10.35	14.72	6.14	59.60	-65.60	0.07	7.79	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1352
DO Titrataion = mg/L
Total volume of groundwater purged: 2.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.030

Sample ID: SB915-0140-~~DUP~~ 08 **Sample Time:** 1430

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-045
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 10-30-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Cloudy 45°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 9.61 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1230
Initial Observations: Color clear/dark brown Odor No Sheen/Free Product None/some particles floating

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.23	14.70	7.26	5.70	-119.60	0.16	5.55	280	1.004
10	10.36	14.75	7.21	5.50	-116.40	0.12	5.22		
15	10.48	14.78	7.20	5.40	-114.10	0.09	4.41		
20	10.48	14.97	7.20	5.40	-107.90	0.07	3.32		
25	10.55	14.80	7.20	5.40	-97.20	0.07	2.56		
30	10.54	14.84	7.20	5.30	-91.70	0.08	2.10		
35	10.54	14.84	7.20	5.30	-89.80	0.09	1.31	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1306
DO Titrataion = mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: Color clear Odor No Sheen/Free Product No
Specific Gravity 1.002

Sample ID: SB915-0140-07 **Sample Time:** 1325

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JLSK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 10/30/13
Project #: 1163.48127 | Pump/Controller ID#: 209083 | Weather: Overcast ~50° F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 5.66 ft.
Length of Water Column (LWC): 12.45 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1145
Initial Observations: *Color* None/Clear *Odor* Sewage (SLIGHT) *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.23	15.35	11.06	22.30	-170.50	0.07	4.73	340	1.008
10	6.25	15.68	10.93	21.80	-171.20	0.03	2.29	360	
15	6.33	15.80	10.92	21.70	-169.70	0.02	1.12	360	
20	6.38	15.80	10.96	21.80	-171.00	0.02	1.39	360	
25	6.41	15.84	11.02	21.90	-172.30	0.01	2.10	360	
30	6.44	15.86	11.06	22.20	-173.80	0.01	2.13	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1215
DO Titrataion = mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: *Color* Clear *Odor* Sewage *Sheen/Free Product* None
Specific Gravity 1.010

Sample ID: SB915-0140-06 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-TMW-065
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 10/30/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: overcast 45

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 5.05 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1200
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.45	14.94	11.38	23.70	-161.90	0.06	3.09	440	1.012
10	5.45	14.99	11.81	23.70	-156.40	0.05	1.53	440	1.012
15	5.45	15.00	11.80	23.80	-153.00	0.06	0.26	440	
20	5.45	15.03	11.79	23.70	-150.30	0.06	-0.02	440	
25	5.45	15.03	11.80	23.80	-148.10	0.07	-0.01	440	1.010
30	5.45	15.05	11.79	23.80	-146.40	0.08	-0.14	440	1.010
35	5.45	15.06	11.79	23.90	-145.50	0.07	0.01	440	
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1238
DO Titrataion = ✓ mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.010

Sample ID: SB915-0140-[redacted]05 **Sample Time:** 1247

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: 22556 / 15517
Field Personnel: JWB
Date: 11/11/13
Weather: ~45°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 12.37 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1102
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.78	12.76	12.44	10.40	-6.40	2.38	2.94	480	1.004
10	12.78	12.90	12.47	10.40	-0.60	2.29	3.32	480	
15	12.78	12.89	12.49	10.40	#2.70	2.25	2.57	480	
20	12.78	12.85	12.50	10.40	4.80	2.21	2.54	480	
25	12.78	12.80	12.51	10.40	6.30	2.19	1.73	480	
30	12.78	12.72	12.52	10.40	7.70	2.16	1.38	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1135
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.004

Sample ID: SB915-0147-01, 02(MS), 03(MSD) Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Grundfos
Equipment Used: LOFLOW
Pump/Controller ID#: 22555/14797
Field Personnel: SJW
Date: 11/11/13
Weather: 40S/cloud

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 27.65 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ ~~Protective Casing~~
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1110
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
05	28.09	11.38	11.57	74.80	-97.10	0.27	28.5	240	1.036
10	28.10	12.51	11.55	75.00	-99.30	0.21	21.8	240	—
15	28.103	13.39	11.55	73.70	-103.20	0.17	16.1	240	—
20	28.104	13.49	11.55	71.80	-105.80	0.12	9.59	240	—
25	28.104	13.616	11.55	73.00	-106.40	0.11	9.93	240	—
30	28.107	13.84	11.54	74.10	-107.00	0.09	8.60	240	—
35	28.109	13.95	11.54	75.30	-107.30	0.08	6.37	240	—
40	28.109	14.13	11.53	75.60	-107.80	0.07	5.29	240	—
45	28.71	14.13	11.53	76.20	-108.00	0.06	3.19	240	1.038
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155
DO Titrataion = _____ mg/L
Total volume of groundwater purged: ~5 gal.

Final Observations: *Color* Clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.038

Sample ID: SB915-0147-05, 06(FD) **Sample Time:** 1223

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Grund Fos | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: | Date: 11-11-13
Project #: 1163.48127 | Pump/Controller ID#: 22557/13~~08~~205 | Weather: Cloudy 45°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 35.77 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1109
Initial Observations: Color light grey Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	38.91	11.61	11.90	63.20	-142.50	0.39	15.9	180	1.030
10	39.03	11.38	11.92	62.70	-139.20	0.57	16.2	160	
15	39.20	11.24	11.93	62.60	-138.40	0.68	13.9	160	
20	39.27	11.34	11.93	62.50	-138.50	0.66	18.5	140	
25	39.29	11.48	11.93	62.60	-139.20	0.68	14.6	140	
30	39.32	11.57	11.92	62.30	-139.40	0.70	18.7	140	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1141
Total volume of groundwater purged: 2.5 gal.
DO Titrataion = mg/L

Final Observations: Color clear/light grey Odor No Sheen/Free Product No
Specific Gravity 1.030

Sample ID: SB915-0147-07 **Sample Time:** 1212

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: MJW
Date: 10/6/13
Weather: sunny, 60°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 25.22 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 9:50
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.38	12.33	6.83	0.90	-32.60	0.23	18.8	440	0.998
10	25.38	12.46	6.97	1.50	-52.60	0.06	4.18	420	
15	25.38	12.43	7.01	1.60	-51.20	0.04	2.12	440	
20	25.38	12.45	7.02	1.60	-47.60	0.03	1.25	440	
25	25.39	12.41	7.03	1.60	-44.80	0.03	1.35	440	
30	25.39	12.47	7.03	1.60	-42.70	0.02	0.36	440	
35	25.39	12.59	7.03	1.50	-40.60	0.02	0.42	440	
40	25.39	12.65	7.03	1.50	-39.30	0.01	0.21	440	
45	25.39	12.47	7.03	1.50	-37.80	0.02	0.14	440	
50	25.39	12.47	7.04	1.60	-36.70	0.02	0.14	440	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:40
DO Titrataion = ___ mg/L
Total volume of groundwater purged: ~7 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.000

Sample ID: SB915-0144-02 **Sample Time:** 11:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low flow | Field Personnel: AKM, JWB, CAH
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 11/6/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 28.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1020
Initial Observations: *Color* slight gray/white *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.57	10.56	6.91	54.20	-102.20	0.21	22.9	260	1.014
10	28.57	10.54	6.60	55.10	-59.5	0.18	17.3	260	
15	28.57	10.58	6.51	55.10	-50.20	0.17	10.65	260	
20	28.57	10.49	6.47	55.50	-41.7	0.16	7.08	260	
25	28.57	10.46	6.44	56.57	-36.70	0.17	6.05	260	
30	28.57	10.48	6.42	57.20	-33.5	0.14	3.99	260	
35	28.57	10.55	6.39	58.40	-30.6	0.15	3.21	260	
40	28.57	10.53	6.38	59.00	-27.5	0.13	2.75	260	
45	28.57	10.57	6.36	59.40	-24.6	0.13	3.07	260	
50	28.57	10.60	6.35	60.30	-22.7	0.12	2.79	260	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

re-start purge at 1004

End Purge Time: DO Titration = — mg/L
Total volume of groundwater purged: 4.5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.030

Sample ID: SB915-0144-01 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - WB-05U
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: | Date: 10-29-13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sunny 30-40°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.59 ft. bmp.
Depth to Water*: 13.14 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1013
Initial Observations: Color clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.40	13.36	11.50	22.50	8.70	0.31	0.22	440	1.010
10	13.42	13.49	11.57	23.00	14.70	0.20	0.11	420	
15	13.42	13.52	11.59	23.30	18.40	0.19	0.19	440	
20	13.42	13.51	11.61	23.40	20.00	0.18	0.11		
25	13.42	13.56	11.61	23.40	20.90	0.18	0.30		
30	13.42	13.50	11.62	23.30	21.60	0.18	0.23		1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1041
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.008

Sample ID: SB915-0139-01 **Sample Time:** 1056

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW - 05M
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 10/29/13
Project #: 1163.48127 | Pump/Controller ID#: — | Weather: ~30°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 19.13 ft.
Length of Water Column (LWC): 45.44 in.
Well Diameter: [illegible] ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1020
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.18	12.25	6.60	30.40	-32.10	0.23	18.3	300	1.016
10	19.18	12.00	6.62	31.50	-34.30	0.10	8.84	300	
15	19.18	12.14	6.60	33.10	-34.00	0.07	6.73	300	
20	19.18	12.12	6.60	33.30	-33.50	0.06	5.07	300	
25	19.18	12.10	6.60	33.40	-33.00	0.05	4.29	300	
30	19.18	12.21	6.60	33.50	-32.80	0.05	4.07	300	
35	19.18	12.31	6.60	33.50	-32.40	0.04	3.31	300	
40	19.18	12.21	6.60	33.20	-32.00	0.04	3.28	300	
45	19.18	12.17	6.60	33.70	-31.70	0.04	3.16	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1105
DO Titrataion = mg/L
Total volume of groundwater purged: 4.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.016

Sample ID: SB915-0139-02 **Sample Time:** 1120

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-05L
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low flow | Field Personnel: MJW
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 10/29/13
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 40°F. sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 121.60 ft. bmp.
Depth to Water*: 22.24 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:20
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	21.32	11.20	6.46	132.80	-48.40	0.58	15.3	320	1.076
10	21.32	11.11	6.29	132.00	-38.10	0.51	9.89	320	
15	21.32	11.14	6.25	132.50	-34.30	0.46	7.11	350	
20	21.32	11.02	6.23	133.80	-30.30	0.55	6.12	360	
25	21.31	11.02	6.23	133.30	-28.10	0.37	6.54	360	
30	21.32	11.10	6.22	133.20	-24.90	0.31	4.61	380	
35	21.31	11.12	6.21	130.40	-22.60	0.29	5.45	400	
40	21.31	11.11	6.21	131.50	-21.00	0.27	2.76	420	
45	21.30	11.28	6.21	131.00	-19.80	0.24	3.14	400	
50	21.30	11.29	6.20	128.60	-17.90	0.21	3.16	400	
55	21.30	11.26	6.20	127.50	-16.30	0.22	2.02	400	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20
DO Titrataion = mg/L
Total volume of groundwater purged: ~8 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.076

Sample ID: SB915-0139-03 **Sample Time:** 11:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: 23158 / 15731
Field Personnel: JWB
Date: 11.12.13
Weather: ~28°F Cloud/snow

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 158.80 ft. bmp.
Depth to Water*: 25.85 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1100
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	48.56	10.62	6.28	202.00	-20.20	0.13	15.4	500	1.132
10	48.55	10.90	6.29	200.60	-21.50	0.13	12.6	500	
15	48.67	11.04	6.31	203.30	-24.10	0.12	7.18	500	
20	48.60	11.02	6.33	204.50	-25.00	0.11	6.34	500	
25	48.45	11.00	6.35	204.50	-24.90	0.10	6.35	500	
30	48.35	10.97	6.36	203.60	-24.60	0.08	5.15	500	
35	48.35	11.02	6.37	202.30	-24.60	0.07	4.81	500	
40	48.20	11.10	6.38	202.80	-24.50	0.06	12.7	500	
45	48.13	11.15	6.38	202.40	-24.10	0.08	9.21	500	
50	48.12	11.24	6.38	203.30	-23.80	0.07	8.48	500	
55	48.08	11.28	6.39	207.40	-23.60	0.09	3.83	500	
60	48.134	11.43	6.40	206.00	-24.10	0.07	3.32	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

6488

End Purge Time: 1205
Total volume of groundwater purged: 15 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.132

Sample ID: SB915-0148-03 Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Purged out ~ 5 gallons, DTW dropped to 49.5' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: MJW
Date: 11/7/13
Weather: rain; 45°F

Well information:

Installed Depth of Well*: 82.00 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 13.80 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:30
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.95	10.64	6.24	122.10	3.60	0.10	5.98	440	1.054
10	13.95	10.64	6.21	122.20	7.10	0.07	3.06	420	
15	13.95	10.60	6.21	121.20	8.40	0.06	2.26	420	
20	13.95	10.55	6.22	122.10	9.30	0.05	2.44	420	
25	13.94	10.53	6.22	122.40	9.90	0.04	2.65	420	
30	13.94	10.55	6.22	122.60	10.20	0.04	2.63	420	
35	13.94	10.55	6.22	121.90	10.60	0.04	2.98	420	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:05
Total volume of groundwater purged: ~5 gal.

DO Titrataion = _____ mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.066

Sample ID: SB915-0145-02 Sample Time: 11:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07U
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: R20983
Field Personnel: ~~ASM~~ KSK
Date: 10/30/13
Weather: overcast 48°

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 9.25 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1010
Initial Observations: Color Clear Odor None Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
5	9.29	12.56	6.50	26.40	-7.30	0.16	34.6	320	1.012
10	9.26	12.49	6.50	26.20	-4.40	0.10	17.3	320	
15	9.26	12.53	6.50	25.80	-3.10	0.08	9.3	320	
20	9.26	12.49	6.50	26.20	-2.20	0.06	4.09	320	
25	9.26	12.54	6.50	26.40	-1.60	0.06	2.60	320	
30	9.26	12.58	6.51	26.30	-1.00	0.05	2.27	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1040
Total volume of groundwater purged: 4 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.014

Sample ID: SB915-0140-02 Sample Time: 1110

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-072
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 10/30/13
Weather: overcast 46°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: ~~4.75~~ 10.24 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1017
Initial Observations: Color clear Odor slight sulfur Sheen/Free Product none

color indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.34	11.89	6.51	87.20	-48.60	0.13	4.17	400	1.046
10	10.32	11.85	6.29	86.70	-18.10	0.10	1.01	420	1.050
15	10.34	11.98	6.23	86.20	-9.70	0.09	0.57	400	
20	10.33	11.94	6.22	86.00	-5.60	0.08	0.33	420	1.050
25	10.33	11.94	6.21	85.50	-3.00	0.08	0.27	420	
30	10.33	11.94	6.21	85.70	-1.30	0.06	0.12	420	1.048
35	10.33	11.94	6.21	85.20	0.20	0.06	0.14	420	1.048
40	10.33	11.99	6.21	86.70	1.20	0.05	0.09	420	
45	10.33	11.94	6.20	86.10	2.40	0.05	0.04	420	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1105
Total volume of groundwater purged: ~7 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.046

Sample ID: SB915-0140-03 **Sample Time:** 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low-Flow
Equipment Used: Peri Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 10/30/13
Weather: ~45°F Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.59 ft. bmp.
Depth to Water*: 14.59 ft.
Length of Water Column (LWC): 100.00 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1010
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.45	11.67	7.10	178.30	-67.20	0.33	16.6	100	1.106
10	25.83	11.82	7.11	177.30	-67.50	0.35	15.8	100	
15	26.07	11.98	7.09	178.90	-64.30	0.27	35.3	100	
20	27.15	12.09	7.10	172.50	-65.10	0.27	28.0	240	
25	27.85	11.90	7.13	169.50	-67.70	0.61	46.3	100	
30	28.01	11.94	7.13	168.10	-68.20	0.56	20.1	100	
35	28.20	12.12	7.11	168.10	-65.80	0.42	27.4	100	
40	28.25	12.08	7.10	168.70	-64.10	0.47	35.0	100	
45	28.26	12.03	7.10	171.50	-62.80	0.42	29.5	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.110

Sample ID: SB915-0140-04 **Sample Time:** 1155

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ~~Purged~~ ~ 3 gallons & dropped DTW down to 25.0' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-091U
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: MJW
Date: 11/8/13
Weather: wet snow

Well information:

Installed Depth of Well*: 14.56 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 9.83 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:40
Initial Observations: Color clear Odor dog food Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.66	~~13.31~~ ~~11.94~~	~~6.78~~ 6.85	~~7.80~~ 2.90	-43.00	0.25	10.57	300	1.001
10	—	11.94	6.85	7.80	-71.00	5.60	—	240	
15	12.22	12.87	7.27	11.50	-143.70	0.24	6.57	140	
20	12.15	12.86	9.24	12.80	-222.20	0.07	5.64	190	
25	12.38	13.22	8.93	12.50	-261.80	0.06	11.11	220	
30	12.52	13.26	8.76	12.40	-271.70	0.06	12.06	220	
35	12.60	13.26	9.04	12.80	-287.30	0.05	18.90	240	
40	12.66	13.32	9.35	13.10	-301.10	0.03	27.2	240	
45	12.71	13.27	9.63	13.50	-307.70	0.03	40.5	220	
50	12.73	13.45	10.69	14.10	-316.50	0.02	7.07	220	
55	12.74	13.60	10.92	14.50	-289.80	0.02	2.63	220	
60	12.81	13.54	10.78	14.50	-269.20	0.03	3.97	220	
65	12.80	13.52	11.03	15.10	-260.00	0.02	2.25	240	
70	12.80	13.51	11.09	15.40	-248.40	0.02	2.23	240	
75	~~13.80~~ ~~13.54~~	13.54	11.09	15.50	-234.70	0.02	2.38	240	
80	12.80	13.36	11.15	16.00	-225.30	0.02	1.90	230	
85	12.83	13.07	11.04	15.80	-214.20	0.02	2.62	230	
90	12.82	13.13	11.24	16.80	-215.80	0.02	2.17	230	
95	12.79	13.27	11.27	17.20	-212.80	0.01	2.05	230	
100	12.81	13.39	11.23	17.10	-208.90	0.01	1.99	230	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20
Total volume of groundwater purged: ~7 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor dog food Sheen/Free Product none
Specific Gravity

Sample ID: SB915-0146-02 Sample Time: 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * switched peristaltic pump to pump slower

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 11-8-13
Weather: Snow, 35°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 5.83 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1040
Initial Observations: Color grey/white Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.90	12.29	6.20	97.40	11.20	0.17	662	280	1.036
10	5.88	12.01	6.21	99.30	9.20	0.61	1002	260	
15	5.88	11.87	6.22	95.20	9.20	0.11	114	300	
20	5.88	11.75	6.23	97.70	9.20	0.09	40.3	260	
25	5.88	11.78	6.23	98.00	9.10	0.07	68.2	260	
30	5.88	11.92	6.23	97.20	9.20	0.06	58.0		
35	5.88	11.76	6.23	97.50	9.50	0.06	56.8		
40	5.88	11.81	6.23	98.10	9.70	0.06	44.5		
45	5.88	11.90	6.22	96.90	9.80	0.06	35.0		
50	5.88	12.05	6.23	98.20	9.90	0.05	28.5		
55	5.88	12.06	6.22	97.50	10.10	0.05	25.8		
60	5.88	12.01	6.23	97.00	10.40	0.05	19.3		
65	5.90	11.94	6.23	96.80	10.60	0.05	17.9		
70	5.88	11.96	6.23	97.00	10.60	0.06	17.8		
75	5.88	11.85	6.23	97.10	10.90	0.05	16.4		
80	5.88	11.65	6.25	96.40	11.10	0.05	16.7		1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.054

Sample ID: SB915-0146-01 Sample Time: 1227

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: & Purge / Sample
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: SJW / CAH
Date: 11.13.13
Weather: ~30°F Sunny

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 19.15 ft. bmp.
Depth to Water*: 10.35 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1300
Initial Observations: Color V. light gray Odor Yes/leachate Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.35	13.57	7.23	59.70	-169.90	0.10	3.26	420	1.032
10	12.77	13.20	6.71	58.60	-98.30	0.09	5.14	↓	
15	13.45	13.48	6.53	55.76	-94.70	0.18	9.82		
20	—	13.74	6.48	54.80	-90.20	0.43	10.68		
25	17.50	13.72	6.45	55.30	-85.76	0.46	12.32		
30	18.45	13.70	6.42	58.70	-82.30	0.54	11.04	↓	1.030
	Dry	Pump							
11.14.13 1333	10.50	11.75	6.13	48.86	-28.3	7.87	5.12	NA	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: Color Clear Odor yes Sheen/Free Product No
Specific Gravity 1.030

Sample ID: SB915-0150-04 Sample Time: 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: LOW FLOW
Equipment Used: PERI
Pump/Controller ID#:
Field Personnel: SJW
Date: 11/8/13
Weather: 35 SNOW

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.24 ft. bmp.
Depth to Water*: 7.29 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color whitish cloudy Odor sulfur Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.28	11.38	10.25	97.10	-42.80	0.11	94.7	480	1.050
10	7.28	11.15	10.27	96.00	-44.70	0.08	85.2	420	—
15	7.27	11.11	10.28	96.60	-44.20	0.06	68.1	420	—
20	7.27	11.06	10.28	96.50	-42.90	0.05	60.4	420	—
25	7.28	10.94	10.28	96.90	-41.40	0.05	55.6	360	—
30	7.28	11.04	10.29	96.80	-40.30	0.04	54.3	360	—
35	7.28	10.85	10.28	97.10	-38.80	0.05	34.1	360	—
40	7.28	10.85	10.28	97.00	-37.80	0.05	33.1	360	—
45	7.28	10.96	10.29	97.00	-36.00	0.05	29.9	360	—
50	7.28	11.11	10.29	97.30	-35.50	0.05	110.9	360	—
55	7.28	11.25	10.29	96.50	-34.50	0.04	15.4	360	—
60	7.28	11.23	10.29	96.50	-33.30	0.04	13.9	360	—
65	7.28	11.24	10.29	97.10	-32.40	0.04	12.0	360	—
70	7.28	11.05	10.29	96.70	-31.20	0.04	11.39	360	—
75	7.28	11.05	10.29	97.20	-30.30	0.04	9.81	360	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: 9 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.054

Sample ID: SB915-01416-04 Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

APPENDIX B

1st Quarter 2014 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2-12-14
Weather: ~80°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 5.95 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1116

Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.88	8.58	6.26	64.00	17.90	0.24	10.86	160	1.034
10	9.20	8.64	6.27	63.90	18.20	0.20	6.42	160	
15	10.25	8.62	6.28	63.50	18.80	0.12	6.96	160	
20	11.25	8.54	6.28	65.00	19.10	0.09	9.73	160	
25	12.12	8.11	6.29	65.20	19.40	0.08	15.30	160	
30	12.83	8.24	6.29	65.90	19.30	0.08	19.40	160	
35	13.30	8.40	6.29	65.70	19.20	0.08	25.80	160	
40	13.70	8.45	6.29	65.40	19.80	0.07	24.70	160	
45	14.10	8.68	6.29	65.50	19.80	0.06	28.0	160	
50	14.45	8.85	6.29	64.80	19.50	0.06	32.5	160	
55	14.60	9.19	6.29	64.20	19.40	0.06	37.0	160	
60	14.85	8.83	6.29	64.60	20.10	0.06	33.3	160	
65	15.05	8.78	6.29	63.90	20.10	0.05	35.2	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225

DO Titrataion = mg/L

Total volume of groundwater purged: 4 gal.

Final Observations: *Color* V. light brw *Odor* No *Sheen/Free Product* No

Specific Gravity

Sample ID: SB915-0159-02 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-14BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: SJW
Date: 2/12/14
Weather: 30°F/sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 9.12 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1120
Initial Observations: *Color* Cloudy *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.31	10.29	6.54	200.90	-13.50	0.15	116.7	320	1.119
10	9.28	10.87	6.55	201.30	-2.00	0.08	89.9	320	—
15	9.26	11.02	6.56	194.10	1.90	0.06	41.5	320	—
20	9.27	10.96	6.57	189.70	3.30	0.05	30.9	320	—
25	9.28	11.08	6.59	191.00	5.40	0.05	32.3	320	—
30	9.25	11.13	6.56	190.60	9.40	0.04	27.8	320	—
35	9.24	11.22	6.56	180.00	12.00	0.05	17.9	320	—
40	9.26	10.90	6.56	185.30	14.40	0.05	16.1	320	—
45	9.25	10.56	6.56	179.60	15.60	0.04	12.2	320	—
50	9.25	10.43	6.54	185.80	16.60	0.05	10.45	320	—
55	9.25	10.35	6.55	187.70	17.40	0.05	9.32	320	—
60	9.25	10.33	6.53	185.90	18.30	0.05	7.60	320	—
65	9.24	10.29	6.53	187.60	19.10	0.04	7.87	320	1.122
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225
DO Titrataion = mg/L
Total volume of groundwater purged: ~ 6 gal.

Final Observations: *Color* none *Odor* none *Sheen/Free Product* none
Specific Gravity 1.122

Sample ID: SB915-0159-01 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-425
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 2/21/14
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 41.78 ft. bmp.
Depth to Water*: 37.44 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:

Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
* not enough water to sample									
	/								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:

DO Titrataion = mg/L

Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*

Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: JWB / AKM
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 2/21/14
Project #: 1163.51008 | Pump/Controller ID#: FA00503 / PN0095A00 | Weather: Rainy @ 41°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 46.12 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	48.20	8.97	12.16	104.70	-147.20	1.28	28.6	120	1.050
10	48.50	8.97	12.19	105.10	-149.60	0.63	14.1	100	
15	48.50	8.59	12.21	106.00	-147.70	0.49	16.1	100	
20	48.48	8.49	12.22	106.40	-144.80	0.50	13.8	100	
25	49.48	8.76	12.22	105.90	-138.90	0.52	13.5	100	
30	49.84	8.83	12.22	106.80	-138.90	0.39	15.6	100	
35	50.02	8.59	12.24	105.60	-132.80	0.39	13.2	100	
40	50.42	8.55	12.23	107.30	-134.06	0.34	16.4	100	
45	50.61	8.89	12.23	107.00	-129.70	0.32	13.8	100	
50	50.72	8.55	12.25	106.30	-127.30	0.31	11.6	100	
55	51.04	8.78	12.24	107.00	-127.10	0.33	11.6	100	
60	51.35	9.02	12.23	106.40	-125.40	0.33	10.6	100	
65	51.77	9.16	12.22	107.20	-126.90	0.31		100	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1158
DO Titrataion = — mg/L
Total volume of groundwater purged: 1.5 gal.

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.054

Sample ID: SB915-0160-02 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Groundfos
Equipment Used: Low flow
Pump/Controller ID#: FAC0136 / FAC0135
Field Personnel: KJK / CAH
Date: 2/21/14
Weather: Rain ~ 39°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 68.20 ft.
Length of Water Column (LWC): 65.20 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1042 (EJ)
Initial Observations: Color ~~Clear~~ Light Brown Odor None Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	68.25	10.02	6.42	93.20	-41.90	0.25	1683	360	1.046
10	68.25	10.45	6.45	100.40	-75.50	0.09	1395	400	
15	68.25	10.97	6.47	103.40	-77.80	0.08	743	400	
20	68.25	11.01	6.47	103.80	-70.40	0.09	47	400	
25	68.25	11.19	6.49	103.90	-64.20	0.08	60.6	400	
30	68.25	11.19	6.49	104.10	-60.20	0.08	46.5	400	
35	68.25	11.14	6.50	103.90	-57.10	0.08	35.1	400	
40	68.25	11.04	6.50	104.10	-54.10	0.08	27.2	400	
45	68.25	10.91	6.50	103.40	-57.50	0.08	27.8	400	
50	68.25	10.96	6.50	103.90	-49.80	0.08	23.8	400	
55	68.25	11.05	6.50	105.10	-48.10	0.07	24.8	400	1.056
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1137
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.056

Sample ID: SB915-0166-01 Sample Time: 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
189.60 Hz

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: NA
Field Personnel: JWB
Date: 2-18-14
Weather: ~35° & Snow

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 34.96 ft. bmp.
Depth to Water*: 28.96 ft.
Length of Water Column (LWC): 6.00 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	Not enough water to collect sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Submersible | Date: 2/18/14
Project #: 1163.51008 | Pump/Controller ID#: FA00771/FA01165 | Weather: 34° Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 43.90* ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1332
Initial Observations: *Color* Clearish *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	46.88	8.01	12.10	127.50	-171.10	1.25	18.8	140	1.070
10	47.10	7.62	12.14	127.70	-166.70	1.06	16.9	120	
15	47.44	7.56	12.14	128.10	-165.20	1.02	14.1	120	
20	47.82	7.66	12.15	128.40	-159.10	0.95	11.4	120	
25	48.57	7.98	12.14	127.50	-152.90	0.89	11.11	120	
30	48.71	8.29	12.13	126.40	-151.20	0.78	9.16	120	
35	49.42	8.86	12.11	126.10	-153.20	0.72	9.32	120	
40	49.62	9.15	12.11	126.10	-149.60	0.68	9.01	120	
45	50.19	9.43	12.10	126.40	-152.70	0.60	9.07	120	
50	50.40	9.15	12.12	125.00	-141.70	0.59	7.55	120	
55	50.50	8.77	12.11	126.30	-149.40	0.60	7.15	120	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1430
Total volume of groundwater purged: 1.5 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.072

Sample ID: SB915-0163-05 **Sample Time:** 1510

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * depth taken after pump inserted.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: | Date: 2/18/14
Project #: 1163.51008 | Pump/Controller ID#: FA00503/FA0823 | Weather: 32° cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 124.05 ft. bmp.
Depth to Water*: 67.51 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 13:31
Initial Observations: *Color* GRAY *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	67.58	9.18	7.60	1.70	-32.50	0.30	175.00	360	1.008
10	67.58	9.49	7.54	1.70	-31.80	0.19	122.00	360	
15	67.58	9.98	7.49	1.80	-29.20	0.14	72.00	360	
20	67.58	10.26	7.46	1.90	-26.10	0.12	75.00	400	
25	67.54	10.54	7.43	2.00	-23.60	0.10	57.30	400	
30	67.54	10.54	7.42	2.00	-22.00	0.09	36.10	400	
35	67.54	10.74	7.40	2.00	-22.00	0.08	28.50	400	
40	67.51	10.84	7.39	2.10	-20.50	0.08	32.30	320	
45	67.52	10.73	7.39	2.10	-19.20	0.07	26.40	320	
50	67.53	10.67	7.37	2.10	-17.70	0.07	23.00	320	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~2:23~~ 14:23
DO Titrataion = mg/L
Total volume of groundwater purged: ~6 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.004

Sample ID: SB915-0163-04 **Sample Time:** ~~2:33~~ 14:33

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-59S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JK JK
Site Location: Camillus, NY | Equipment Used: Peri | Date: 2-6-14
Project #: 1163.48127 | Pump/Controller ID#: FA 00138 | Weather: Partly Sunny 15°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.83 ft. bmp.
Depth to Water*: 11.98 ft.
Length of Water Column (LWC): 9.85 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1047
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.02	10.17	6.93	22.80	-40.70	0.09	74.7	440	1.010
10	12.05	10.05	6.93	22.90	-39.10	0.06	55.2	440	
15	12.04	10.38	6.93	22.50	-37.50	0.05	29.5	440	
20	12.04	10.28	6.95	22.60	-36.30	0.04	18.6	440	
25	12.04	10.33	6.95	22.30	-35.90	0.04	13.3	440	
30	12.04	10.27	6.95	22.00	-34.90	0.04	9.85	446	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1118
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.008

Sample ID: SB915-0155-01/02/03 **Sample Time:** 1155

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: MS/MSD

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-605
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 2-6-14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Sun, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: 12.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1108
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.47	9.91	6.54	13.10	-49.80	0.17	15.9	460	1.006
10	12.47	9.96	6.54	12.60	-47.70	0.10	9.46	460	
15	12.47	10.15	6.53	12.40	-45.40	0.08	5.13	460	
20	12.47	10.24	6.53	12.10	-43.70	0.06	4.07	460	
25	12.47	10.35	6.54	12.10	-42.50	0.05	2.67	460	
30	12.47	10.28	6.53	12.10	-40.90	0.05	2.17	460	
35	12.47	10.15	6.52	11.90	-40.10	0.05	1.83	460	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1144
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.006

Sample ID: SB 915 - 0155 - 04 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705
Northing:
Easting:

Site Name: SB915 Closure
Site Location: Camillus, NY
Project #: 1163.48127
Sampling Method: peristaltic
Equipment Used: non-flow
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/5/14
Weather: 22°F/Snowing cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 17.48 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:38
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.48	9.59	6.73	21.70	6.90	.44	31.10	320	1.012
10	17.48	9.78	6.74	21.30	3.40	.39	26.1	340	
15	17.50	9.70	6.75	20.30	1.90	.44	17.4	340	
20	17.50	9.76	6.75	20.60	.20	.42	9.72	320	
25	17.50	9.79	6.75	20.80	-1.10	.33	9.52	320	
30	17.50	9.82	6.75	20.90	-2.40	.28	4.30	340	
35	17.51	9.80	6.76	20.80	-3.50	.25	3.82	340	
40	17.51	9.77	6.76	20.60	-4.30	.27	2.87	340	
45	17.51	9.77	6.76	21.40	-5.40	.16	2.91	340	
50	17.51	9.77	6.76	20.90	-6.10	.15	2.99	340	
55	17.51	9.72	6.76	21.80	-6.40	.09	1.78	340	
60	17.51	9.87	6.76	21.40	-7.70	.08	1.50	340	
65	17.51	9.77	6.76	21.40	-8.1	.08	3.10	340	
70	17.51	9.87	6.76	21.70	-9.30	.08	2.20	340	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:47
Total volume of groundwater purged: ~6 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.008

Sample ID: SB915-0154-02 **Sample Time:** 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-700
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: ~~Peristaltic~~ low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 2/5/14
Weather: 22° snowing

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 102.22 ft. bmp.
Depth to Water*: 18.35 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.35	9.02	6.61	102.10	-41.50	0.21	35.0	240	1.054
10	18.30	9.60	6.60	99.40	-40.00	0.14	79.4	280	1.054
15	18.31	9.80	6.56	96.30	-33.10	0.11	123	300	1.054
20	18.31	9.75	6.53	96.00	-27.8	0.10	116	300	
25	—	—	—	—	—	—	—	—	—
30	18.30	9.76	6.54	96.60	-25.00	0.09	19.6	300	1.050
35	18.30	9.78	6.53	94.70	-24.10	0.09	9.37	300	1.052
40	18.30	9.75	6.54	94.80	-23.30	0.09	5.11	300	
45	18.30	9.84	6.53	95.40	-23.00	0.09	5.05	300	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

ipod restart →

End Purge Time: 1135
Total volume of groundwater purged: 3 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.050

Sample ID: SB915-0154-01 Sample Time: 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-8501
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Pen
Pump/Controller ID#: FA0227
Field Personnel: KSK / CAP
Date: 2/24/14
Weather: Snow / ~25°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 12.57 ft.
Length of Water Column (LWC): 67.24 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1038
Initial Observations: Color Milky Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.54	9.20	6.88	108.00	-62.70	0.10	23	400	1.062
10	12.54	9.32	6.90	105.80	-67.20	0.08	61.5	400	
15	12.54	9.42	6.90	105.10	-69.30	0.06	48.4	400	
20	12.54	9.48	6.88	102.90	-70.50	0.03	37.7	400	
25	12.54	9.66	6.88	103.60	-71.60	0.05	33.4	400	
30	12.54	9.43	6.87	103.20	-72.50	0.04	27.7	400	
35	12.54	9.13	6.87	104.80	-72.80	0.04	25.5	400	
40	12.54	8.62	6.88	104.40	-72.20	0.04	16.5	400	
45	12.54	8.27	6.85	105.40	-72.00	0.04	12.2	400	
50	12.54	8.32	6.84	106.70	-72.00	0.04	14.4	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.060

Sample ID: SB915-GW67-01 Sample Time: 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Penstaltic | Date: 2-6-14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 26°F Sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 28.84 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1125
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.84	8.47	7.28	0.90	-48.30	0.30	15.70	240	1.001
10	28.84	~~8.48~~ 8.37	~~7.27~~ 7.26	1.00	-49.40	0.20	10.41	240	
15	28.84	8.42	7.27	1.00	-49.60	0.17	9.70	240	
20	28.84	8.26	7.27	1.00	-47.90	0.16	8.67	240	
25	28.84	7.89	7.26	1.00	-46.10	0.15	6.88	240	
30	28.84	~~8.09~~ 8.03	~~8.05~~ 7.25	1.10	-46.00	0.15	5.94	240	
35	28.84	~~8.~~ 8.82	7.26	1.10	-45.30	0.16	4.97	240	
40	28.84	8.37	7.25	1.10	-44.80	0.15	4.41	240	
45	28.84	~~8.~~ 8.18	7.24	1.10	-43.10	0.15	4.94	240	
50	28.84	8.08	7.25	1.10	-41.40	0.15	4.39	240	
55	28.84	8.46	7.25	1.10	-41.40	0.12	3.98	240	
60	28.84	8.46	7.25	1.10	-41.40	0.12	4.22	240	
65	28.84	8.18	7.25	1.10	-39.30	0.17	4.07	240	
70	28.84	8.21	7.25	1.10	-38.30	0.12	3.60	240	
75	28.84	~~8.~~ 7.89	7.24	1.10	-36.70	0.13	2.95	240	
80	28.84	8.37	7.24	1.10	-36.80	0.12	3.88	240	
85	28.84	8.21	7.24	1.10	-35.00	0.11	4.07	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1250
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity

Sample ID: SB915-0155-05, 06(FD) **Sample Time:** 1310

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: low-flow | Field Personnel: ARP
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 2/6/14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: 20°F/Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 20.39 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:20
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	20.39	8.31	7.00	2.90	5.70	4.40	51.9	300	1.002
10	21.35	8.45	6.98	2.80	9.10	4.29	35.4	300	
15	22.80	8.65	6.98	2.70	11.50	3.83	31.5	300	
20	22.80	8.65	6.97	2.80	13.40	.16	23.3	300	
25	22.80	8.45	6.98	2.80	14.80	.17	15.2	320	
30	22.85	8.06	6.98	2.70	16.40	.17	12.9	300	
35	22.90	8.31	6.97	2.80	15.50	.17	13.5	300	
40	22.90	8.66	6.98	2.80	16.10	.16	11.78	300	
45	22.90	8.73	6.97	2.80	16.90	.14	7.87	300	
50	22.90	8.59	6.97	2.70	17.90	.14	8.14	300	
55	22.90	8.65	6.98	2.70	18.40	.14	6.94	300	
60	22.90	8.88	6.97	2.70	18.10	.13	6.53	300	
65	22.91	8.64	6.98	2.70	18.50	.10	5.71	300	
70	22.91	8.64	6.98	2.60	18.70	.13	6.14	300	
75	22.91	8.37	6.98	2.60	19.20	.13	6.84	300	
80	22.91	8.74	6.98	2.60	18.90	.12	7.31	300	
85	22.91	8.59	6.98	2.60	19.60	.13	6.72	300	
90	22.91	8.54	6.98	2.60	19.40	.13	6.51	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:55
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.002

Sample ID: SB915-0155-07 **Sample Time:** 13:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-10S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#: FAC0138
Field Personnel: IC JK
Date: 2/6/14
Weather: Snow ~18°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 3.05 ft.
Length of Water Column (LWC): 12.36 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1248
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.10	6.82	12.35	35.90	-38.40	0.33	9.65	400	1.016
10	3.10	7.09	12.36	36.10	-32.10	0.24	6.31	400	
15	3.10	7.14	12.35	39.70	-27.30	0.22	8.44	400	
20	3.10	7.33	12.35	36.50	-29.60	0.16	4.29	400	
25	3.10	7.28	12.36	36.70	-28.60	0.12	3.90	400	
30	3.10	7.42	12.35	36.80	-28.60	0.11	2.56	400	
35	3.10	7.38	12.36	36.80	-27.10	0.09	2.72	400	
40	3.10	7.33	12.36	37.00	-26.70	0.09	2.07	400	
45	3.10	7.48	12.35	36.90	-26.70	0.08	1.86	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1334
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.016

Sample ID: SB915-0155-08 Sample Time: 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-6-14
Weather: light snow, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.41 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1255
Initial Observations: Color Clear/light grey Odor Some Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.88	9.99	8.28	53.10	-245.70	0.16	17.9	260	1.032
10	19.00	9.61	8.27	52.70	-256.00	0.12	17.2	220	
15	19.19	9.63	8.09	52.60	-254.70	0.10	14.9	220	
20	19.30	9.59	7.92	51.30	-252.60	0.09	13.3	220	
25	19.42	9.77	7.79	50.50	-249.80	0.08	10.73	220	
30	19.49	9.54	7.62	49.00	-243.00	0.09	9.62	220	
35	19.50	9.52	7.51	47.30	-234.60	0.09	6.33	220	
40	19.59	9.87	7.37	45.70	-232.20	0.08	5.21	220	
45	19.59	9.87	7.30	44.40	-228.00	0.07	5.20	220	
50	19.60	9.87	7.25	42.90	-225.40	0.07	4.05	220	
55	19.60	9.96	7.26	41.60	-226.40	0.06	4.34	220	
60	19.60	9.72	7.23	41.20	-223.70	0.06	4.41	220	
65	19.60	9.47	7.21	40.70	-222.50	0.07	4.29	220	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.024

Sample ID: GB915-0155-09 Sample Time: 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1105
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-11-14
Weather: Snow, 15°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 4.79 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1059
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE / small white-yellowish particles

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.14	6.24	6.93	5.10	-37.80	0.18	7.74	300	1.002
10	5.25	6.32	6.93	5.10	-34.10	0.13	6.38	300	
15	5.25	6.12	6.93	5.20	-31.30	0.12	6.33	300	
20	5.27	6.25	6.93	5.20	-30.10	0.10	5.54	300	
25	5.30	6.42	6.93	5.20	-29.20	0.09	8.95	300	
30	5.32	6.39	6.93	5.20	-28.40	0.09	6.64	300	
35	5.32	6.42	6.93	5.20	-27.50	0.08	3.15	300	
40	5.32	6.42	6.93	5.20	-26.90	0.08	3.30	300	
45	5.32	6.39	6.94	5.20	-26.20	0.08	2.43	330	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:45
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.000

Sample ID: SB915-GI58-03 **Sample Time:** 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: JWB / ARP
Date: 2/3/14
Weather: ~25°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 8.08 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 13:10
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.75	8.83	6.26	63.50	-29.70	1.46	5.69	300	1.034
10	8.75	9.18	6.27	61.40	-30.50	.76	43.4	360	
15	8.75	9.32	6.34	54.80	-35.90	.24	51.4	360	
20	8.75	9.72	6.40	47.70	-39.80	.07	32.3	360	
25	8.75	9.41	6.44	45.40	-40.70	.07	26.4	320	
30	8.75	9.47	6.49	40.10	-42.80	.07	15.5	300	
35	8.75	9.55	6.53	36.80	-43.90	.06	13.0	320	
40	8.75	9.60	6.54	36.20	-44.00	.06	15.3	320	
45	8.75	9.48	6.57	34.10	-44.10	.06	11.9	320	
50	8.75	9.49	6.59	31.30	-44.50	.06	10.14	320	
55	8.75	9.55	6.60	31.50	-44.20	.06	8.71	320	
60	8.75	9.50	6.61	29.70	-44.00	.05	7.38	320	
65	8.75	9.46	6.60	30.60	-42.70	.05	6.41	320	
70	8.75	9.51	6.62	29.10	-44.60	.05	9.46	320	
75	8.75	9.57	6.62	29.20	-44.70	.05	5.98	320	
80	8.75	9.51	6.65	27.20	-44.60	.05	4.45	320	
85	8.75	9.46	6.65	26.40	-44.50	.05	5.20	320	
90	8.75	9.37	6.64	26.60	-43.60	.05	4.29	320	
95	8.75	9.46	6.66	25.10	-44.30	.05	4.31	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1445
DO Titrataion = mg/L
Total volume of groundwater purged: 10 gal.

Final Observations: Color Clear Odor No Sheen/Free Product Clear
Specific Gravity 1.014

Sample ID: SB915-0152-04 Sample Time: 1455

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

Eurofins 125 2323

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 2/3/14
Weather: ~25°F Sunny

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 66.13 ft. bmp.
Depth to Water*: 8.15 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1135
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.13	8.97	6.48	90.10	13.60	0.22	13.9	320	1.046
10	8.13	9.13	6.47	87.70	6.50	0.35	13.0	320	
15	8.13	9.17	6.45	88.00	8.10	0.64	7.62	320	
20	8.13	9.04	6.46	87.50	7.40	0.71	5.78	320	
25	8.13	9.58	6.45	87.30	6.40	0.38	3.83	320	
30	8.13	9.27	6.45	86.00	7.00	0.30	3.11	320	
35	8.13	9.27	6.44	85.20	6.20	0.14	2.67	320	
40	8.13	9.23	6.45	85.90	5.70	0.06	2.30	320	
45	8.13	9.27	6.45	84.90	5.40	0.05	2.25	320	
50	8.13	9.51	6.45	84.70	4.90	0.05	2.11	320	
55	8.13	9.41	6.45	83.80	4.60	0.05	2.09	320	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.046

Sample ID: SB915-0152-01 **Sample Time:** 1255

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1111
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#: FA 00729
Field Personnel: KJK
Date: 2/3/14
Weather: Mostly Cloudy ~25°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 7.39 ft.
Length of Water Column (LWC): 91.63 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1133
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.44	8.26	6.29	124.90	29.20	0.90	17.0	340	1.024
10	7.45	8.16	6.31	123.80	19.70	0.30	15.6	340	
15	7.45	8.16	6.30	124.00	18.90	0.18	25.3	340	
20	7.45	8.14	6.29	119.00	19.00	0.22	23.8	340	
25	7.45	8.40	6.27	121.10	18.60	0.13	26.5	340	
30	7.45	8.78	6.28	118.20	18.70	0.14	29.0	340	
35	7.45	8.38	6.28	116.80	18.90	0.09	25.9	340	
40	7.45	8.54	6.28	114.60	17.80	0.14	20.5	340	
45	7.45	8.27	6.30	115.00	17.90	0.13	17.6	340	
50	7.45	8.47	6.30	118.20	17.00	0.11	15.9	340	
55	7.45	8.64	6.30	113.40	16.80	0.14	11.7	340	
60	7.45	8.57	6.31	114.10	16.50	0.10	12.0	340	
65	7.45	8.71	6.30	109.80	16.30	0.10	13.3	340	
70	7.45	9.07	6.31	105.60	16.10	0.08	10.76	340	
75	7.45	8.77	6.32	103.30	15.80	0.08	8.22	340	
80	7.45	9.00	6.31	104.10	14.90	0.09	11.06	340	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1253
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.672

Sample ID: SB915-0152-07 **Sample Time:** 1310

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111 BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-3-14
Weather: 20°F, sunt cloud's

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 12.28 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1145
Initial Observations: *Color* clearish *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.81	8.34	5.73	190.10	9.80	1.03	13.9	160	1.124
10	14.89	8.56	6.05	189.70	-16.30	0.30	19.4	160	
15	15.75	9.34	6.14	180.30	-27.50	0.18	19.1	150	
20	16.38	8.86	6.17	172.20	-23.40	0.15	21.8	140	
25	17.17	8.96	6.15	170.30	-20.90	0.13	27.3	140	
30	17.70	8.72	6.14	164.20	-17.30	0.13	18.3	140	
35	18.38	8.72	6.13	165.20	-20.30	0.12	14.1	140	
40	18.65	8.82	6.13	164.30	-24.90	0.12	16.0	140	
45	19.23	8.97	6.12	161.40	-49.70	0.12	14.0	140	
50	19.60	8.94	6.12	176.00	-74.70	0.11	15.4	140	
55	20.02	8.77	6.12	168.90	-105.90	0.11	11.64	140	
60	20.31	9.01	6.11	159.90	-112.60	0.13	10.99	140	
65	20.72	8.62	6.12	170.50	-123.60	0.15	10.47	140	
70	20.86	8.62	6.12	169.00	-113.60	0.14	10.42	140	
75	21.12	8.80	6.13	154.80	-125.20	0.14	10.18	140	
80	21.20	8.52	6.11	167.50	-120.00	0.12	10.49	140	
85	21.39	8.63	6.12	167.30	-121.50	0.12	11.9	140	
90	21.18	8.36	6.15	155.00	-100.30	0.18	9.27	140	
95	21.14	7.67	6.13	166.00	-85.80	0.17	8.44	140	
100	21.15	7.57	6.13	168.70	-93.80	0.16	8.18	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1345
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = mg/L

Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.124

Sample ID: SB915-0152-03 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-111BR
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	21.24	8.24	6.13	158.50	-94.00	0.15	9.36	140	
110	21.34	7.68	6.14	154.60	-87.80	0.15	9.62	140	
115	21.41	7.61	6.13	158.00	-90.80	0.15	9.21	140	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-11S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/11/14
Weather: 12°, cloudy/snowing

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: ____ ft. bmp.
Depth to Water*: 12.11 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:55
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.11	8.65	10.38	10.10	27.20	1.23	6.12	260	1.006
10	13.25	8.46	10.58	9.90	16.90	2.36	6.14	260	
15	14.34	8.56	10.45	9.90	16.60	2.23	5.93	260	
20	14.34	8.65	10.46	10.00	18.60	1.99	4.75	260	
25	14.35	8.80	10.40	10.00	21.70	1.64	-61	260	
30	14.45	9.06	10.46	9.90	25.30	1.25	2.72	260	
35	15.06	9.23	10.47	9.90	23.90	1.27	2.58	260	
40	15.06	9.27	10.47	10.00	29.60	1.27	2.19	260	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:40
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4.5 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.006

Sample ID: SB915-0158-61 Sample Time: 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 2/11/14
Weather: overcast/snowing 10°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 58.54 ft. bmp.
Depth to Water*: 16.27 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: Color Clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.3	9.23	6.12	85695.10	20.60	0.21	44.5	340	1.042
10	16.3	9.44	6.09	84751.0	22.80	0.13	34.8	340	1.042
15	16.3	9.53	6.21	84985.70	24.90	0.12	26.0	340	
20	16.3	9.48	6.12	84013.40	26.50	0.10	15.9	340	
25	16.3	9.57	6.10	83636.00	27.90	0.11	11.13	340	
30	16.3	9.67	6.10	82542.90	29.50	0.09	6.73	340	1.042
35	16.3	9.62	6.12	81875.30	30.30	0.10	4.97	340	1.042
40	16.3	9.68	6.10	81160.10	31.30	0.08	3.94	340	1.042
45	16.3	9.82	6.11	81010.70	32.00	0.08	3.22	340	
50	16.3	9.82	6.10	81838.10	32.20	0.08	3.10	340	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1148
DO Titrataion = — mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor none Sheen/Free Product none/none
Specific Gravity 1.042

Sample ID: SB915-0158-02 Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: CAH/ARP
Date: 2/12/14
Weather: 20° sunny

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 27.37 ft. bmp.
Depth to Water*: 10.73 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1221
Initial Observations: Color light white/ppt Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	☆ Turbidity ☆ (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.96	10.94	11.34	26.60	-76.90	-0.00	76.9	340	1.022
10	13.30	11.00	11.13	27.90	-92.30	-0.01	59.1	340	
15	13.56	11.10	11.06	28.70	-110.90	-0.01	49.9	340	
20	13.48	11.18	10.96	29.30	-160.60	-0.01	44.1	340	
25	13.48	11.14	10.98	29.10	-176.40	-0.01	33.4	340	
30	13.48	11.10	11.00	29.00	-169.60	-0.01	30.2	340	
35	13.49	11.15	10.96	29.20	-149.70	-0.01	26.6	340	
40	13.64	11.19	11.01	28.90	-129.70	-0.01	23.1	340	
45	14.41	11.18	11.12	28.30	-104.50	-0.01	23.4	400	**
50	14.25	10.96	10.79	30.50	-83.20	-0.01	24.9	340	
55	13.97	10.91	10.92	31.00	-95.40	-0.01	25.8	340	
60	13.92	10.85	10.96	29.80	-91.20	-0.01	23.2	340	
65	13.87	10.91	10.97	29.40	-84.80	-0.01	22.6	340	
70	13.82	10.91	10.96	29.70	-80.10	-0.01	21.6	340	
75	13.80	10.73	10.97	29.90	-75.50	-0.01	23.2	340	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

450 End Purge Time: 1:50
Total volume of groundwater purged: 8 gal.
DO Titrataion = mg/L

Final Observations: Color light grey Odor NO Sheen/Free Product NO
Specific Gravity 1.022
CR 2/12/14

Sample ID: SB915-0159-03 Sample Time: ~~1:55~~ 13:53

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ☆ - turb precipitates out, All measurements were taken immediately.
** - tubing was pinched

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Purge | Field Personnel: KJK/CAH
Site Location: Camillus, NY | Equipment Used: Peri | Date: 2/10/14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: Snow ~15°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 11.00 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1348
Initial Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.60	9.40	6.92	1.20	49.40	0.29	1.25	920	1.008
10	13.60	9.31	6.94	1.20	38.90	0.24	0.78	920	
15	14.40	9.45	6.93	1.20	39.00	0.21	0.58	920	
20	16.59	9.74	6.94	1.30	42.50	0.30	0.49	920	
25	17.89	9.97	6.91	1.30	41.80	0.40	0.85	920	
		~~5.45~~	~~7.25~~						
2/11/14 sampled	11.60	7.07	6.81	1.40	89.02	7.92	1.26	440	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1453 2/11/14
DO Titrataion = — mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.002

Sample ID: SB915-0158-05 **Sample Time:** 1453

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2/25/
Weather: feels 7° snow

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 6.95 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1347
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.95	8.49	6.74	14.90	-3.60	0.10	4.17	460	1.010
10	6.96	8.68	6.74	14.90	-1.80	0.07	3.35	460	
15	6.96	8.92	6.74	14.80	-0.60	0.05	3.64	460	
20	6.96	9.14	6.75	14.70	0.20	0.04	3.96	460	
25	6.96	9.07	6.73	14.70	0.70	0.03	3.24	460	
30	6.96	9.00	6.74	14.80	0.90	0.03	3.37	460	
35	6.96	9.23	6.75	14.70	1.30	0.03	1.72	460	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1423
Total volume of groundwater purged: 5 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.010

Sample ID: SB915-0168-04, SB915-0168-05 (MS) Sample Time: 1455
Analytical Parameters: SB915-0168-06 (MSD)

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2-21-14
Weather: ~20°F Sunlclouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.51 ft. bmp.
Depth to Water*: 5.65 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1330
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.57	9.55	6.14	36.90	32.70	0.14	21.3	240	1.020
10	8.46	9.28	6.15	37.20	36.20	0.26	15.6	240	
15	9.42	9.20	6.15	37.10	39.20	0.19	16.1	240	
20	10.00	9.13	6.16	37.40	39.90	0.21	12.1	240	
25	10.52	9.23	6.16	37.40	39.50	0.26	9.31	240	
30	10.90	8.97	6.17	37.40	35.50	0.28	6.49	240	
35	11.42	8.94	6.19	37.60	32.00	0.26	5.90	240	
40	11.55	8.98	6.21	37.20	27.80	0.23	4.06	240	
45	11.82	8.86	6.23	36.80	23.60	0.18	2.76	240	
50	12.01	8.84	6.26	36.50	19.10	0.27	2.29	240	
55	12.12	8.87	6.27	36.10	15.60	0.28	1.87	240	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1425
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.020

Sample ID: SB915-0153-05 Sample Time: 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 2/20/2014
Weather: Sunny 45°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.73 ft. bmp.
Depth to Water*: 14.96 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1034
Initial Observations: *Color* Clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.01	10.73	12.61	5.80	7.90	8.13	3.65	260	1.004
10	15.01	11.00	12.62	5.90	8.80	6.98	1.49	280	1.004
15	15.01	10.92	12.64	6.00	8.80	5.38	2.04	300	1.006
20	15.01	11.05	12.63	6.10	8.90	5.74	2.09	300	
25	15.02	10.87	12.65	6.20	9.00	5.66	1.44	300	1.004
30	15.05	10.87	12.64	6.30	9.20	5.67	0.93	300	1.004
35	15.06	10.78	12.65	6.30	6.70	5.41	0.93	300	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
DO Titrataion = — mg/L
Total volume of groundwater purged: 2.5 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.004

Sample ID: SB915-0165-01 **Sample Time:** 1133

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00503/FA01166
Field Personnel: CAH
Date: 2-20-14
Weather: Sun, 40°F, no wind

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 36.11 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1040
Initial Observations: Color clear Odor no Sheen/Free Product no

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	36.80	11.35	12.35	34.20	-63.60	1.48	12.0	260	1.018
10	37.81	12.32	12.38	33.60	-75.80	1.18	11.4	240	
15	38.48	13.77	12.40	31.20	-76.20	1.59	10.71	240	
20	39.15	13.65	12.47	26.30	-72.80	2.82	6.27	240	
25	39.79	13.24	12.47	25.50	-71.10	3.09	4.01	240	
30	40.05	13.10	12.46	26.70	-72.40	2.92	3.83	240	
35	40.55	13.33	12.44	27.70	-74.80	2.63	3.87	260	
40	40.68	13.23	12.43	28.50	-78.40	2.37	3.77	240	
45	40.79	13.05	12.43	29.20	-79.20	2.15	3.79	240	
50	40.89	13.10	12.42	30.00	-78.60	1.83	3.06	240	
55	40.94	13.12	12.40	30.90	-82.90	1.52	2.72	240	
60	40.97	13.05	12.40	31.40	-84.50	1.23	2.29	240	
65	41.03	12.94	12.39	32.10	-89.00	1.01	2.18	240	
70	41.10	13.05	12.38	32.60	-91.70	0.82	1.77	240	
75	41.15	13.23	12.37	33.00	-91.40	0.68	1.57	240	
80	41.19	13.21	12.37	33.20	-97.40	0.60	1.56	240	
85	41.30	13.14	12.37	33.60	-100.90	0.56	1.57	240	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color clear Odor no Sheen/Free Product no
Specific Gravity 1.016

Sample ID: SB915-0165-02
Sample Time: 1228

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-36D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA.C0136 / FA.C0135
Field Personnel: KSK
Date: 2/20/14
Weather: overcast 38°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: 81.08 ft.
Length of Water Column (LWC): 38.02 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point: (Heat wave)
- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1037
Initial Observations: Color Clear Odor Slight Sulfur Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	80.95	11.13	6.80	12.20	-38.00	0.36	11.1 (280)	280	1.010
10	80.98	11.58	6.80	12.30	-35.10	0.29	10.63	280	
15	80.98	12.06	6.80	12.10	-33.20	0.26	11.34	200	
20	80.98	12.59	6.79	11.70	-31.80	0.24	11.85	240	
25	80.98	12.33	6.79	11.20	-29.50	0.20	12.11	240	
30	80.98	12.38	6.79	10.80	-30.40	0.18	12.71	240	
35	80.98	12.33	6.79	10.40	-30.30	0.18	11.02	240	
40	80.98	12.38	6.79	9.80	-29.40	0.15	10.31	240	
45	80.98	12.28	6.79	9.50	-30.60	0.14	8.11	240	
50	80.98	12.47	6.79	9.00	-29.00	0.13	6.80	240	
55	80.98	12.56	6.79	8.60	-27.60	0.12	5.38	240	
60	80.98	12.70	6.79	8.30	-26.50	0.12	5.29	240	
65	80.98	12.49	6.79	8.10	-25.80	0.11	4.32	240	
70	80.98	12.42	6.79	7.90	-24.60	0.11	3.89	240	
75	80.98	12.42	6.79	7.70	-23.60	0.10	4.06	240	
80	80.98	12.77	6.79	7.50	-22.70	0.10	2.99	240	
85	80.98	12.67	6.79	7.30	-22.40	0.09	2.75	240	
90	80.98	12.38	6.79	7.30	-21.60	0.09	2.60	240	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1209
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.006

Sample ID: SB915-0165-03 Sample Time: 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: 204.00 Hz

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Purge/Sample
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB, ARP
Date: 2.10.14
Weather: ~18°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 8.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1405
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.9	9.27	6.02	115.00	30.60	0.06	87.1	NA	1.068
10	17.3	9.08	6.03	113.70	28.40	0.05	665.0 AU	NA	
15	18.6	9.34	6.04	111.80	27.80	0.06	1,197 AU	NA	
20	20.70	9.74	6.04	112.50	23.10	0.10	1,879 AU	NA	
25	22.00	10.07	6.02	114.80	30.20	0.10	1,925 AU	NA	
30	22.50	10.17	6.02	113.30	31.50	0.05	1439 AU	NA	
35	Dry								
2.11.14	8.35	4.92	6.01	74.61	53.2	3.47	58.90	NA	1.066
0920									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410 2.10.14
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.066

Sample ID: SB915-0158-06 **Sample Time:** 1430

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-1045
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 2-2014
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~40° F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 28.08 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1142
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.08	10.48	7.52	1.30	22.20	0.36	11.1	300	1.002
10	28.08	10.24	7.55	1.40	31.70	0.28	3.70	300	
15	28.08	10.27	7.57	1.40	33.30	0.23	3.30	300	
20	28.08	10.25	7.53	1.50	34.90	0.21	5.47	300	
25	28.08	10.26	7.46	1.50	35.16	0.19	6.11	300	
30	28.08	10.20	7.49	1.50	35.30	0.22	5.92	300	
35	28.08	10.17	7.55	1.50	35.20	0.14	6.69	300	
40	28.08	10.15	7.53	1.50	35.90	0.16	5.12	300	
45	28.08	10.06	7.45	1.50	35.70	0.18	4.73	300	
50	28.08	9.97	7.52	1.50	35.40	0.19	3.97	300	
55	28.08	9.96	7.45	1.50	36.00	0.22	3.10	300	
60	28.08	9.96	7.52	1.50	35.60	0.24	3.09	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1243
DO Titrataion = mg/L
Total volume of groundwater purged: ~5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.002

Sample ID: SB915-0165-04 **Sample Time:** 1305

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 15.68 ft. bmp.
Depth to Water*: 14.15 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: LOW-FLOW
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00171 / FA00136
Field Personnel: JWR / ARP
Date: 2/24/14
Weather: Cloudy 23°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 53.57 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:22
Initial Observations: Color CLEAR Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	53.65	8.74	7.13	1.10	33.40	0.30	10.33	380	1.004
10	53.65	10.71	7.13	1.10	32.50	0.21	3.04	460	
15	53.65	11.00	7.14	1.20	32.20	0.16	2.37	460	
20	53.65	11.18	7.15	1.20	31.70	0.13	1.90	460	
25	53.65	11.27	7.16	1.20	31.30	0.10	1.63	460	
30	53.65	11.55	7.16	1.20	31.20	0.08	1.35	460	
35	53.65	11.74	7.17	1.20	30.80	0.07	1.30	460	
40	53.65	11.78	7.18	1.20	31.00	0.06	1.34	460	
45	53.65	11.73	7.18	1.20	31.10	0.05	1.20	460	
50	53.65	11.64	7.19	1.20	30.60	0.05	1.27	460	
55	53.65	11.50	7.19	1.20	30.90	0.04	1.32	460	
60	53.65	11.32	7.19	1.20	29.90	0.04	1.27	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:27
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 8 gal.

Final Observations: Color CLEAR Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0167-02 Sample Time: 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1065
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 2-4-14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Sun, 25°F light wind

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.98 ft. bmp.
Depth to Water*: 5.32 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1253
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.20	9.21	7.31	2.40	37.00	0.56	2.00	260	1.006
10	6.59	8.31	7.70	1.00	37.30	3.96	1.06	260	
15	7.17	7.60	7.71	1.00	38.60	3.94	0.72	260	
20	7.53	7.39	7.69	0.90	39.40	3.83	1.13	260	
25	7.77	7.26	7.70	0.90	39.40	3.69	0.64	260	
30	8.17	7.30	7.67	0.90	39.40	3.45	0.39	260	
35	8.52	7.20	7.66	1.80	40.10	3.22	0.52	260	
40	8.84	7.06	7.69	762.50 µs	39.00	3.00	0.36	260	
45	9.02	7.00	7.67	746.60	38.20	2.95	0.37	260	
50	9.47	7.10	7.66	718.00	38.10	2.69	0.38	260	
55	9.77	7.10	~~7.66~~				0.39	260	
60	10.21	7.07	7.68	681.30	34.60	2.63	0.47	260	
65	10.38	6.96	7.67	668.80	34.30	2.69	0.52	260	
70	10.64	6.90	7.67	671.60	33.40	2.63	0.37	260	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1406
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.002

Sample ID: SB915-0153-04 Sample Time: 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * stopped phone to change to Conductivity units.
- Phone did not record for 55min.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-4-14
Weather: Sun, 20°F-30°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 8.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1018
Initial Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.33	10.91	7.35	14.40	-47.80	2.00	11.00	280	1.012
10	9.41	10.53	7.26	7.80	-70.30	1.62	1.00	260	
15	9.45	10.53	7.04	18.90	-67.20	1.41	9.49	260	
20	9.49	10.68	7.03	21.40	-67.20	0.23	11.08	260	
25	9.51	10.81	9.02	22.10	-66.60	0.21	5.39	260	
30	9.54	10.73	7.04	23.50	-64.20	0.15	3.26	260	
35	9.56	10.74	7.02	25.30	-63.20	0.19	2.97	260	
40	9.57	10.76	6.99	26.40	-60.30	0.19	1.34	260	
45	9.57	10.83	7.00	27.40	-58.30	0.23	1.67	260	
50	9.58	10.80	6.96	28.70	-56.10	0.17	1.02	260	
55	9.59	10.81	6.97	30.40	-54.40	0.15	1.12	260	
60	9.59	10.80	6.93	32.10	-52.70	0.15	1.07	260	
65	9.59	10.99	6.92	33.30	-51.70	0.15	0.56	260	
70	9.59	10.96	6.91	35.20	-50.80	0.14	0.59	260	
75	9.60	10.89	6.88	37.40	-49.10	0.14	0.93	260	
80	9.60	11.04	6.90	38.30	-48.90	0.16	0.70	260	
85	9.61	11.08	6.87	39.80	-47.70	0.15	0.52	260	
90	9.61	10.94	6.86	42.60	-46.20	0.13	0.64	260	
95	9.62	11.08	6.83	43.40	-45.60	0.16	0.84	260	
100	9.62	10.99	6.83	44.50	-44.80	0.17	0.47	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225
DO Titrataion = mg/L
Total volume of groundwater purged: 10 gal.

Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.024

Sample ID: SB915-MW-0153-01 **Sample Time:** 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-106I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	9.62	11.05	6.82	45.80	-44.10	0.18	0.79	260	
110	9.63	11.08	6.82	46.70	-43.40	0.18	0.62	260	
115	9.64	11.04	6.81	47.20	-42.50	0.19	0.53	260	
120	9.64	11.08	6.82	47.70	-42.40	0.21	0.45	260	1.024

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/10/14
Weather: sunny 15°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 3.31 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:45
Initial Observations: Color orange tint mostly clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.31	8.40	6.20	60.90	49.60	.14	20.80	340	1.032
10	3.31	7.68	6.23	60.70	44.40	.14	21.4	340	—
15	3.42	6.83	6.24	61.70	41.10	.11	15.7	340	—
20	3.45	7.29	6.19	62.50	41.50	.11	22.5	340	—
25	3.45	7.78	6.20	62.50	41.50	.07	16.8	320	—
30	3.45	8.07	6.26	62.10	41.60	.05	11.5	320	—
35	3.45	7.78	6.29	62.40	41.20	.05	8.81	320	—
40	3.45	7.51	6.19	63.80	41.00	.05	5.94	320	—
45	3.45	7.39	6.27	65.20	40.90	.04	4.41	320	—
50	3.45	7.41	6.19	65.50	41.30	.04	4.17	320	—
55	3.45	7.71	6.19	65.60	42.20	.04	3.42	320	—
60	3.45	7.97	6.26	65.60	43.00	.04	3.20	320	—
65	3.45	7.60	6.27	66.00	43.40	.03	3.06	320	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.032

Sample ID: SB915-0157-04 Sample Time: 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-10-14
Weather: sunny, 50's, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 7.38 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1040
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
47.50	7.50	8.29	6.50	12.80	35.20	0.15	19.1	200	1.012
10	7.48	8.83	6.50	12.70	33.00	0.10	15.3	200	
15	7.45	8.87	6.50	12.70	32.80	0.09	7.51	200	
20	7.45	8.96	6.50	12.70	33.00	0.08	5.18	200	
25	7.45	8.88	6.51	12.70	33.00	0.07	4.15	200	
30	7.45	9.02	6.51	12.70	33.40	0.07	6.48	200	
35	7.45	9.08	6.51	12.60	33.60	0.06	5.74	200	
40	7.45	8.93	6.51	12.70	33.90	0.06	6.18	200	
45	7.45	8.88	6.51	12.60	34.30	0.06	7.48	200	
50	7.45	8.83	6.51	12.70	34.20	0.06	7.31	200	
55	7.45	8.73	6.51	12.60	34.30	0.06	6.40	200	
60	7.45	8.89	6.51	12.66	34.20	0.06	5.57	200	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1141
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.010

Sample ID: SB915-0157-03 Sample Time: 1212

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1610
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Pen | Date: 2/10/14
Project #: 1163.51008 | Pump/Controller ID#: FA00729 | Weather: Snow 12°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 10.10 ft.
Length of Water Column (LWC): 99.35 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1640
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.74	10.00	6.32	105.20	72.90	0.67	16.7	380	1.024
10	9.74	9.49	6.28	110.30	58.10	0.28	21.7	300	
15	9.78	9.51	6.27	113.20	57.10	0.21	7.31		
20	9.83	9.48	6.28	115.20	45.90	0.18	4.97		
25	9.96	9.48	6.28	116.40	40.50	0.17	3.15		
30	9.91	9.66	6.27	116.40	39.60	0.16	3.85	300	
35	9.94	9.72	6.23	117.10	39.70	0.15	4.37		
40	9.98	9.34	6.14	134.80	39.20	0.13	6.70		
45	10.02	9.25	6.13	138.70	36.30	0.12	8.41		
50	10.02	9.39	6.13	140.10	32.30	0.12	14.1		
55	10.02	9.39	6.15	141.50	31.20	0.12	10.62	300	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.078

Sample ID: SB915-0157-02 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: | Date: 2-10-14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: ~15°F Sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 18.82 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1038
Initial Observations: *Color* clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	20.28	8.27	6.28	199.30	-11.00	0.68	13.0	150	1.130
10	21.00	8.37	6.32	195.10	-9.00	0.42	8.83	150	
15	21.51	8.79	6.33	194.70	-7.50	0.37	8.79	150	
20	21.97	7.60	6.33	192.40	-6.90	0.36	9.06	150	
25	22.50	7.03	6.28	195.40	-9.20	0.33	8.74	150	
30	22.92	7.75	6.28	191.00	-17.30	0.30	10.54	150	
35	23.52	8.12	6.25	186.60	-22.00	0.29	20.20	150	
40	23.84	7.89	6.23	184.00	-22.10	0.32	11.69	150	
45	24.22	7.42	6.21	182.60	-27.30	0.33	9.04	150	
50	24.55	7.12	6.18	189.40	-27.80	0.32	10.45	150	
55	24.75	7.03	6.20	188.60	-25.20	0.33	8.18	150	1.134
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1136
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.134

Sample ID: SB915-0157-01 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114 BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB/ARP
Date: 2/24/14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 39.40 ft. bmp.
Depth to Water*: 34.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
X	Not	enough	water	to sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW115BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/4/14
Weather: cloudy 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.92 ft. bmp.
Depth to Water*: 8.31 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 13:28
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.31	10.25	6.66	34.30	7.60	.13	3.33	340	1.016
10	8.55	10.28	6.61	34.40	11.60	.10	5.74	340	
15	8.64	10.33	6.65	34.30	12.20	.10	28.1	340	
20	8.64	10.37	6.64	35.20	11.50	.09	42.0	340	
25	8.64	10.42	6.60	49.70	10.50	.08	29.5	340	
30	8.64	10.28	6.60	58.60	6.40	.07	27.5	340	
35	8.64	10.26	6.62	61.00	6.10	.07	16.9	340	
40	8.64	10.28	6.59	62.70	6.40	.07	11.66	340	
45	8.64	10.20	6.60	61.30	7.36	.07	6.15	340	
50	8.64	10.04	6.60	62.70	8.10	.07	4.81	340	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 2:21
DO Titrataion = mg/L
Total volume of groundwater purged: ~5 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.032

Sample ID: SB915-0153-06 **Sample Time:** 14:28

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1175
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peristaltic pump
Pump/Controller ID#:
Field Personnel: JWB/AKM
Date: 2/24/14
Weather: 20° snowy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.70 ft. bmp.
Depth to Water*: 7.49 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1005
Initial Observations: Color light brown Odor None Sheen/Free Product none/none

indicate units

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	5	8.72	8.10	6.77	17.90	27.00	0.15	155	180	1.010
	10	9.20	8.24	6.77	17.80	27.30	0.12	129	180	
	15	9.68	8.68	6.78	17.70	24.20	0.09	108	180	
	20	9.78	8.69	6.79	17.30	24.30	0.09	102	180	
	25	9.84	8.45	6.80	16.60	24.30	0.14	95	180	
	30	9.92	7.72	6.84	16.26	25.40	0.20	121	180	
	35	10.00	7.15	6.86	15.70	25.50	0.29	88.9	180	
	40	10.03	7.02	6.88	15.50	24.90	0.38	80.6	180	
	45	10.06	6.91	6.90	15.00	25.30	0.43	66.4	180	
	50	10.06	7.16	6.92	14.40	24.00	0.41	57.4	180	
	55	10.06	6.52	6.94	14.30	23.80	0.43	43.7	180	
	60	10.06	6.52	6.94	14.20	25.10	0.49	37.2	180	
	65	10.06	6.03	6.96	13.90	24.20	0.47	29.4	180	
	70	10.06	5.77	6.96	13.80	24.40	0.46	—	180	
*	75	—	3.52	6.99	14.20	27.70	0.63	—	180	
	80	9.43	1.30	6.97	15.40	26.40	0.67	41.23	180	
	85	9.62	6.03	7.00	13.40	24.50	0.79	19.4	180	
	90	9.50	6.53	7.00	13.40	23.80	1.01	14.0	180	
	95	10.09	6.85	7.01	12.90	24.10	1.04	14.1	180	
	100	10.18	6.91	7.02	13.10	24.80	1.08	11.6	180	1.008
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1152
DO Titrataion = — mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.008

Sample ID: SB915-0168-03 Sample Time: 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Line froze, flow stopped

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB/ARP
Date: 2/24/14
Weather: 20°F Cloudy

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 2.91 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1260
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.15	6.76	7.06	5.30	28.70	0.27	7.73	340	1.006
10	4.21	5.83	7.26	2.30	38.10	2.17	4.66	340	
15	4.25	5.78	7.25	2.10	38.60	2.10	4.14	340	
20	4.24	5.70	7.25	2.00	37.30	1.25	2.67	340	
25	4.24	5.83	7.24	1.90	36.90	1.04	2.16	340	
30	4.24	5.98	7.24	1.80	36.70	0.88	1.78	340	
35	4.24	5.73	7.24	1.70	36.30	0.62	2.59	340	
40	4.26	5.93	7.25	1.70	36.20	0.66	1.76	340	
45	4.27	6.04	7.25	1.70	35.90	0.67	1.38	340	
50	4.28	6.22	7.26	1.60	36.10	0.64	1.23	340	
55	4.28	6.08	7.26	1.60	36.00	0.55	1.06	340	
60	4.31	5.86	7.28	1.50	35.80	0.53	1.07	340	
65	4.31	5.70	7.28	1.50	35.80	0.48	1.21	340	
70	4.31	5.63	7.28	1.40	35.60	0.45	1.59	340	
75	4.31	5.26	7.29	1.40	35.50	0.46	1.28	340	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1407
Total volume of groundwater purged: 8 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.002

Sample ID: SB915-0167-03 Sample Time: 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic pump
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/4/14
Weather: Sunny, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 4.09 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:30
Initial Observations: Color clear Odor Sulfur Sheen/Free Product ~~Sheen~~ None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.09	7.55	6.57	10.70	46.70	2.73	3.05	160	1.004
10	5.09	7.68	6.94	5.80	30.50	.11	4.10	180	
15	5.28	6.77	6.92	6.70	29.70	.14	6.61	200	
20	5.56	6.73	6.93	7.00	29.90	.23	1.87	180	
25	5.88	6.76	6.91	7.70	30.70	.45	2.10	160	
30	5.92	7.11	6.88	8.30	30.50	.48	2.03	200	
35	6.01	7.17	6.89	8.30	30.00	.54	2.52	180	
40	6.07	7.45	6.90	8.50	28.70	.74	2.07	200	
45	6.14	7.50	6.90	8.90	26.40	.79	2.40	180	
50	6.31	7.60	6.88	9.30	23.80	.69	3.04	200	
55	6.45	7.84	6.87	9.70	21.20	.58	2.28	200	
60	6.50	7.79	6.87	9.90	19.60	.52	2.63	200	
65	6.55	7.84	6.87	10.20	19.00	.49	2.34	200	
70	6.68	8.08	6.85	10.60	19.00	.42	2.60	200	
75	6.80	8.16	6.86	10.80	19.10	.37	2.63	200	
80	6.86	8.08	6.85	11.20	19.60	.30	2.49	200	
85	6.95	8.21	6.84	11.30	20.30	.26	2.36	200	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

switched pump →

End Purge Time: 12:12
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor Sulfur Sheen/Free Product none
Specific Gravity 1.006

Sample ID: SB915-0153-03 Sample Time: ~~1200~~ 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 2-4-14
Weather: ~20°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 2.70 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1032
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
* 5	2.72	11.36	7.39	0.00	25.60	6.60	NA	300	1.006
10	2.72	9.86	6.98	10.90	-8.50	0.21	36.0	300	
15	2.72	10.04	6.96	10.90	-5.70	0.10	41.4	300	
20	2.72	10.18	6.94	10.70	-5.10	0.08	27.1	300	
25	2.72	10.66	6.93	10.50	-4.50	0.06	22.7	300	
30	2.72	10.92	6.94	10.40	-4.30	0.05	12.4	300	
35	2.72	10.79	6.96	10.40	-3.70	0.04	7.47	300	
40	2.72	10.98	6.93	10.50	-3.60	0.04	5.67	300	
45	2.72	10.89	6.94	10.50	-3.70	0.04	4.54	300	
50	2.72	10.~~88~~97	6.96	10.~~40~~50	-3.30	0.03	4.16	300	
55	2.72	~~10.64~~ 11.08	6.95	10.40	-3.70	0.03	3.38	300	
60	2.72	11.07	6.95	10.30	-3.10	0.03	3.12	300	
65	2.72	11.08	6.94	10.40	-3.50	0.03	2.96	300	
70	2.72	11.26	6.93	10.30	-3.70	0.03	2.89	300	
75	2.72	11.16	6.93	10.30	-3.80	0.03	2.44	300	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.006

Sample ID: SB915-0153-02 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * No water in FT cell switching pump

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: ~~SB915-1WR-0156~~ SB915-INW-015
Northing: SB915-INW-015
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KSC
Site Location: Camillus, NY | Equipment Used: Pen | Date: 2/7/14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Sunny ~ 8°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 7.96 ft.
Length of Water Column (LWC): 12.08 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 0948
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.45	9.68	6.33	29.70	36.70	0.14	7.56	340	1.014
10	8.63	9.10	6.35	29.70	35.80	0.25	10.43	220	
15	8.84	9.03	6.42	28.00	35.60	0.67	10.11	220	
20	9.04	8.89	6.49	26.60	35.60	0.93	7.78	220	
25	9.28	8.80	6.52	25.80	34.80	1.05	6.57	220	
30	9.40	8.85	6.52	25.40	34.80	1.00	7.90	220	
35	9.55	8.57	6.52	25.40	34.80	0.87	5.40	220	
40	9.72	8.69	6.51	25.20	35.00	0.68	5.63	220	
45	9.88	8.90	6.49	25.20	35.40	0.55	4.51	220	
50	9.97	9.18	6.50	24.80	36.10	0.44	4.44	220	
55	10.11	9.10	6.48	24.70	36.50	0.35	3.81	220	
60	10.23	9.13	6.48	24.80	36.50	0.27	2.63	220	
65	10.31	8.89	6.47	25.10	36.40	0.23	2.62	220	
70	10.42	8.85	6.45	25.10	35.90	0.19	2.50	220	
75	10.56	9.07	6.45	24.80	34.70	0.16	2.21	220	
80	10.69	9.16	6.45	24.70	33.70	0.14	2.00	220	
85	10.83	9.35	6.45	24.80	32.20	0.13	2.04	220	
90	10.93	9.50	6.45	24.70	30.70	0.12	1.75	220	
95	11.07	9.41	6.44	24.90	29.80	0.11	1.37	220	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1124
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.012

Sample ID: SB915-0156-01 **Sample Time:** 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-1MW-02S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: ARP/CAH
Date: 2/25/14
Weather: 20°F Sunny/Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 5.66 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1011
Initial Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.80	9.10	6.32	45.40	20.70	0.25	20.0	320	1.024
10	8.81	8.29	6.51	45.50	24.90	3.20	12.0	320	
15	9.62	8.14	6.48	47.60	23.40	2.82	15.6	320	
20	10.03	8.36	6.47	47.80	22.80	2.31	13.8	320	
25	10.41	8.29	6.43	48.80	22.50	1.95	17.4	320	
30	10.69	8.39	6.43	49.40	21.50	1.69	24.7	320	
35	10.77	8.48	6.42	49.50	21.40	1.46	28.3	320	
40	10.92	8.67	6.40	49.80	21.00	1.21	42.4	320	
45	10.91	8.63	6.40	50.00	20.40	0.98	39.2	320	
50	11.04	9.29	6.37	49.90	19.70	0.76	46.3	320	
55	11.02	8.27	6.38	50.60	20.20	0.59	51.9	320	
60	11.02	8.29	6.38	50.80	20.10	0.46	58.7	320	
65	11.04	8.54	6.38	51.10	19.90	0.37	64.9	320	
70	10.99	8.34	6.38	51.50	20.40	0.30	71.3	320	
75	10.99	8.29	6.37	52.00	20.60	0.24	72.5	320	
80	10.99	8.20	6.37	52.40	20.90	0.19	74.1	320	
85	10.99	8.17	6.34	52.60	20.80	0.15	65.1	320	
90	10.99	8.67	6.36	52.70	21.00	0.11	95.0	320	
95	10.99	8.43	6.36	53.00	21.50	0.09	91.7	320	
100	10.99	8.29	6.34	53.40	21.70	0.07	94.5	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1153
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* milky *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.030

Sample ID: SB915-0168-01, 02(FD) **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low-Flow | Field Personnel: Jon Bone
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 2-14-14
Project #: 1163.48127 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 8.21 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1112
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.16	10.02	6.15	65.90	-58.00	1.08	3.85	150	1.038
10	9.85	9.32	6.15	66.90	-57.80	0.66	4.85	150	
15	10.01	9.19	6.16	65.60	-57.60	0.48	5.42	150	
20	10.30	9.18	6.22	55.40	-59.00	0.14	5.48	150	
25	10.53	9.21	6.25	52.20	-56.30	0.09	4.97	150	
30	10.85	8.99	6.26	51.40	-54.50	0.07	4.98	150	
35	10.93	9.18	6.26	51.10	-47.70	0.06	5.03	150	
40	11.25	9.08	6.26	51.20	-50.30	0.06	7.86	150	
45	11.42	9.37	6.25	50.90	-46.50	0.06	10.65	150	
50	11.58	9.23	6.25	51.00	-44.60	0.05	8.63	150	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.028

Sample ID: SB915-0161-01 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IM61-045
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2.11.14
Weather: ~14°F Snow

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 17.80 ft. bmp.
Depth to Water*: 9.06 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: Color Med Gray Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.52	6.42	7.22	7.70	-102.10	0.12	15.6	220	1.008
10	9.63	6.34	7.17	7.70	-80.10	0.13	12.29	220	
15	9.75	6.23	7.15	7.80	-69.80	0.12	14.5	220	
20	9.90	6.33	7.15	7.50	-64.20	0.09	11.7	220	
25	9.95	6.37	7.07	7.60	-56.20	0.10	11.1	220	
30	10.00	6.46	7.08	7.30	-51.20	0.10	10.31	220	
35	10.00	6.47	7.06	7.30	-47.70	0.11	10.71	220	
40	10.00	6.51	7.09	7.30	-48.30	0.14	16.32	220	
45	10.02	6.66	7.11	7.30	-47.20	0.19	8.13	220	
50	10.02	6.52	7.16	7.20	-48.30	0.24	7.46	220	
55	10.02	6.35	7.18	7.10	-49.00	0.36	6.39	220	
60	10.02	5.93	7.18	7.10	-50.40	0.38	5.20	220	
65	10.02	5.44	7.20	7.30	-52.90	0.37	4.62	220	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.008

Sample ID: SB915-0158-04 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: X / Low flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: KJK
Date: 2/14/14
Weather: Overcast ~ 15°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 5.76 ft.
Length of Water Column (LWC): 12.35 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1107
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.14	8.64	11.10	23.50	-178.70	0.09	18.3	320	1.016
10	6.18	8.35	11.11	23.60	-166.40	0.06	18.9	320	
15	6.20	8.16	11.15	23.60	-161.00	0.05	13.7	340	
20	6.24	8.07	11.19	23.70	-149.80	0.04	12.5	340	
25	6.25	7.88	11.23	23.60	-147.50	0.04	9.58	340	
30	6.26	7.73	11.28	23.80	-147.00	0.04	9.00	340	
35	6.28	7.73	11.38	23.50	-145.60	0.04	7.69	340	
40	6.28	7.68	11.45	23.50	-144.90	0.04	5.51	340	
45	6.28	7.54	11.51	23.40	-143.70	0.03	2.91	340	
50	6.29	7.54	11.55	23.30	-142.70	0.03	2.26	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1158
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity

Sample ID: SB915-0161-02 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-065
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 2-14-14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: light snow, 20-25 F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 4.82 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1112
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.28	6.64	12.19	19.50	-97.00	0.09	2.05	440	1.014
10	5.28	6.42	12.15	19.70	-93.90	0.06	1.04	440	
15	5.28	6.45	12.11	19.80	-92.80	0.05	0.63	440	
20	5.28	6.37	12.03	19.80	-91.30	0.04	0.76	440	
25	5.28	6.23	12.24	19.90	-90.10	0.03	0.71	440	
30	5.28	6.23	12.24	20.00	-89.80	0.03	0.49	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1143
Total volume of groundwater purged: 4 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.010
02/21/14

Sample ID: SB915-0161-03 Sample Time: 1.010 11:58

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-13-14
Weather: cloudy, 25°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 25.10 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1032
Initial Observations: Color Clear Odor Some sulfur Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.12	9.79	7.10	1.60	-58.80	0.19	4.67	400	1.004
10	25.12	9.70	7.05	1.60	-60.20	0.11	2.86	400	
15	25.14	9.74	7.05	1.60	-52.00	0.09	4.35	400	
20	25.16	9.74	7.05	1.60	-46.90	0.07	2.15	400	
25	25.16	9.74	7.05	1.60	-43.30	0.06	2.37	400	
30	25.16	9.74	7.05	1.60	-41.00	0.06	1.86	400	
35	25.16	9.79	7.05	1.60	-39.30	0.06	2.38	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0160 -01,02,03 MS,MSD Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB, KJK, AKM
Date: 2-13-14
Weather: ~18°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: ~~28.54~~ 28.5 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1133
Initial Observations: Color Moderate Grey Cloudy Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.54	7.20	7.01	54.20	-109.70	0.17	737AU	300	1.016
10	28.54	7.50	6.60	56.50	-44.50	0.16	45.8	300	
15	28.54	7.47	6.54	57.20	-31.10	0.14	32.9	300	
20	28.54	7.49	6.51	57.80	-25.40	0.13	28.3	300	
25	28.54	7.59	6.49	57.90	-21.30	0.12	23.4	300	
30	28.54	7.49	6.46	58.80	-16.80	0.12	27.6	300	
35	28.54	7.42	6.46	59.80	-14.30	0.11	36.9	300	
40	28.54	7.49	6.45	60.70	-12.90	0.11	68.9	300	
45	28.54	7.54	6.46	61.30	-13.50	0.10	93.6	300	
50	28.54	7.20	6.50	62.00	-16.10	0.10	73.0	300	
55	28.54	7.20	6.51	62.80	-18.70	0.10	121	300	
60	28.54	7.20	6.55	62.90	-21.80	0.09	121	300	
65	28.54	7.15	6.54	63.10	-20.00	0.09	89	300	
70	28.54	7.10	6.52	63.40	-17.20	0.09	56	300	
75	28.54	7.11	6.49	63.80	-14.20	0.10	92	300	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1250
Total volume of groundwater purged: 6 gal.
DO Titrataion = mg/L
Final Observations: Color Very Light grey Odor No Sheen/Free Product No
Specific Gravity 1.032

Sample ID: SB915-0160-04.05 (FD) Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: ~~SB915-MW-05U~~ SB915-WB-05U (ARP)
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 2-5-14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Winter Storm Nika 20°, Snow

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.54 ft. bmp.
Depth to Water*: 11.14 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1053
Initial Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.25	9.61	11.75	18.20	1.60	5.39	0.57	440	1.010
10	11.25	9.48	11.77	20.00	2.10	4.00	1.09	440	
15	11.25	9.52	11.78	19.30	2.90	1.58	0.54	440	
20	11.25	9.52	11.78	20.10	3.70	3.07	0.58	440	
25	11.25	9.62	11.81	18.60	4.00	1.65	0.54	440	
30	11.26	9.64	11.81	19.40	4.30	2.32	0.60	440	
35	11.26	9.71	11.51	19.50	4.70	3.03	0.48	440	
40	11.26	9.57	11.84	20.50	4.90	2.29	0.47	440	
45	11.26	9.63	11.83	21.00	5.10	2.88	0.52	440	
50	11.26	9.67	11.84	20.60	5.10	1.32	0.47	440	
55	11.26	9.57	11.86	19.90	5.50	2.25	0.76	440	
60	11.26	9.58	11.85	19.80	5.80	2.83	0.51	440	
65	11.26	9.54	11.85	20.00	5.90	3.12	0.52	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
DO Titrataion = mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.010

Sample ID: SB915-0154-04 **Sample Time:** 12:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05M
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2.5.14
Weather: ~20°F Snow

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 18.92 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.92	7.98	6.76	31.60	-58.30	0.33	18.6	240	1.014
10	18.92	8.54	6.70	31.60	-53.90	0.15	17.1	240	
15	18.92	8.95	6.64	31.70	-46.80	0.13	10.45	240	
20	18.92	9.10	6.62	32.60	-44.70	0.11	9.71	240	
25	18.92	8.88	6.61	32.90	-43.50	0.09	7.93	240	
30	18.92	8.60	6.62	33.70	-42.80	0.08	5.46	240	
35	18.92	8.78	6.61	33.70	-42.60	0.08	5.80	240	
40	18.92	8.83	6.62	33.40	-42.10	0.08	4.57	240	
45	18.92	8.78	6.61	33.00	-41.50	0.08	4.03	240	
50	18.92	8.89	6.62	33.80	-41.30	0.09	4.03	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145
DO Titrataion = mg/L
Total volume of groundwater purged: ~4 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.015

Sample ID: SB915-0154-03 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-05L
Northing: WB
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: ARP
Date: 2/18/14
Weather: 30°F cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 121.60 ft. bmp.
Depth to Water*: 21.21 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:43
Initial Observations: *Color* gray/clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	21.25	11.07	6.67	141.70	-70.60	.42	11.60	360	1.080
10	21.25	10.94	6.36	133.60	-26.40	.30	8.12	360	
15	21.25	10.91	6.30	133.30	-13.10	.25	4.18	360	
20	21.25	10.91	6.28	132.90	-7.00	.21	2.93	360	
25	21.25	10.91	6.26	132.40	-2.20	.18	9.35	360	
30	21.25	10.96	6.26	132.20	.90	.16	6.27	360	
35	21.25	10.87	6.26	131.60	3.40	.15	6.96	360	
40	21.25	10.89	6.26	132.80	4.80	.14	9.56	360	
45	21.25	10.83	6.25	132.80	6.00	.13	8.30	360	
50	21.25	10.84	6.25	132.90	6.70	.12	12.00	360	
55	21.25	10.81	6.26	133.50	7.30	.11	6.39	360	
60	21.25	10.77	6.26	132.80	7.50	.11	13.30	360	1.080
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:43
DO Titrataion = mg/L
Total volume of groundwater purged: ~6 gal.

Final Observations: *Color* Clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.080

Sample ID: SB915-0163-02 **Sample Time:** 11:55

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 2/18/14
Project #: 1163.51008 | Pump/Controller ID#: FA00135/FA0823 | Weather: ~28°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 138.80 ft. bmp.
Depth to Water*: 21.13 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1143
Initial Observations: *Color* Clear *Odor* Odor ND *Sheen/Free Product* ND

indicate units

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	5	48.94	11.32	6.36	189.40	4.50	0.09	40.3	500	1.131
	10	48.76	11.12	6.33	185.30	8.30	0.11	27.6	500	
	15	48.82	11.33	6.34	186.20	7.90	0.11	16.6	500	
	20	48.82	11.29	6.35	185.30	6.50	0.11	16.7	500	
	25	48.60	11.27	6.37	180.20	5.80	0.10	11.32	500	
	30	48.52	11.25	6.38	180.10	5.30	0.11	10.01	500	
Stabilization		Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220
DO Titrataion = mg/L
Total volume of groundwater purged: 10 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.134

Sample ID: SB915-0163-03 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged out ~5 gallons and dropped DTW to 48.5' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: CAH/ARP
Date: 2/12/14
Weather: 15° sunny

Well information:
Installed Depth of Well*: 82.00 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 14.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:40
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.75	8.28	6.02	116.70	21.00	.12	2.96	400	1.070
10	14.91	8.53	6.01	118.00	24.70	.10	2.23	400	
15	14.78	8.65	6.08	0.00	29.80	3.52	1.72	400	
20	14.92	8.58	6.05	118.20	28.10	.13	1.47	400	
25	14.95	8.67	6.02	118.10	28.20	.09	1.69	400	
30	14.95	8.92	6.02	117.90	28.40	.08	1.28	400	
35	14.95	9.10	6.03	117.30	28.50	.07	1.67	400	
40	14.95	9.13	6.05	117.10	28.90	.06	1.64	400	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

tube was unhooked

End Purge Time: 11:24
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.070

Sample ID: SB915-0159-04 **Sample Time:** 11:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WG-074
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 2/7/14
Weather: Sunny 17°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 55.88 ft. bmp.
Depth to Water*: 9.08 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1025
Initial Observations: Color clear, slight rust color Odor None Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.10	9.59	6.33	25.70	-2.60	0.17	115	380	1.014
10	9.10	9.73	6.34	25.70	4.20	0.13	54.1	400	1.014
15	9.10	10.34	6.34	25.10	5.80	0.10	22.5	400	
20	9.10	10.06	6.36	25.10	9.30	0.08	21.3	400	
25	9.10	10.15	6.36	25.20	11.00	0.08	6.88	400	1.012
30	9.10	10.11	6.34	25.30	14.10	0.07	3.95	400	1.014
35	9.10	10.29	6.34	25.20	15.10	0.07	6.07	400	1.014
40	9.10	10.20	6.35	25.20	16.70	0.06	2.78	400	1.014
45	9.10	10.37	6.36	25.20	16.70	0.06	2.76	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1117
Total volume of groundwater purged: 5.50 gal.
DO Titrataion = ~ mg/L

Final Observations: Color clear Odor None Sheen/Free Product none/none
Specific Gravity 1.014

Sample ID: SB915-0156-03 Sample Time: 1132

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-7-13
Weather: Cold, Sun, 15F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: 10.03 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1032
Initial Observations: Color Clear Odor NV Sheen/Free Product NV

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.13	10.30	6.29	83.80	6.80	0.47	5.55	420	1.044
10	10.15	10.01	6.27	82.10	14.40	0.34	3.30	420	
15	10.17	10.15	6.26	81.60	17.60	0.28	2.00	420	
20	10.17	10.21	6.26	80.40	18.50	0.24	1.29	420	
25	10.17	10.20	6.27	81.00	18.70	0.22	1.23	420	
30	10.17	10.24	6.27	81.90	20.80	0.20	1.08	420	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1103
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NV Sheen/Free Product NV
Specific Gravity 1.046

Sample ID: SB915-0156-02 Sample Time: 11:22

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 2.7.14
Weather: ~10°F Sun

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 114.59 ft. bmp.
Depth to Water*: 14.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1015
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	22.90	7.77	6.88	172.00	12.80	0.16	7.87	150	1.104
10	23.24	8.01	6.90	175.70	8.50	0.17	8.38	150	
15	23.77	8.05	6.90	171.90	5.30	0.22	8.01	150	
20	24.10	7.43	6.94	173.80	5.60	0.23	9.64	150	
25	24.55	7.62	6.92	172.40	3.60	0.24	8.85	150	
30	24.90	7.28	6.91	172.30	2.90	0.18	8.43	150	
35	25.15	6.84	6.93	174.40	3.40	0.17	11.91	150	
40	25.59	7.14	6.92	175.20	1.60	0.18	10.07	150	
45	25.90	7.09	6.92	175.40	0.70	0.18	9.87	150	
50	26.00	7.19	6.95	176.70	1.20	0.23	9.56	150	
55	26.25	7.09	6.92	176.20	2.10	0.22	10.69	150	
60	26.54	7.19	6.92	174.30	-0.30	0.22	11.1	150	1.110
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128
Total volume of groundwater purged: 4 gal.

DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.110

Sample ID: SB915-0156-04 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged 2 gallons and dropped DTW to 21.8' before logging

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MB-09D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: Kyle Kolwaite
Date: 2-17-14
Weather:

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.56 ft. bmp.
Depth to Water*: 11.10 ft.
Length of Water Column (LWC): 3.46 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1324
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.38	9.30	6.98	4.30	-76.60	0.79	50.3	300	1.004
10	13.15	9.02	8.27	6.20	-157.30	0.41	35.3	180	
15	13.43	9.20	8.67	6.80	-182.00	0.43	28.3	180	
20	13.72	9.26	10.77	7.80	-204.70	0.44	72.7	160	
25	13.68	9.11	11.57	8.60	-163.30	0.33	19.5	140	
30	13.62	9.02	11.61	8.60	-143.50	0.35	7.70	140	
35	13.57	8.95	11.63	8.60	-136.00	0.38	6.59	140	
40	13.56	9.03	11.66	8.70	-132.80	0.35	4.28	140	
45	13.55	8.84	11.70	8.80	-129.60	0.33	2.62	140	
50	13.52	8.74	11.72	8.70	-128.10	0.33	2.79	140	
55	13.53	8.98	11.71	8.80	-125.30	0.32	5.02	140	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.

Final Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* None
Specific Gravity 1.006

Sample ID: SB915-0162-02 **Sample Time:** 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: peri pump | Date: 2-17-14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Sun, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 6.23 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1320
Initial Observations: Color clear/light grey Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.23	9.87	6.20	99.10	13.20	0.17	90.2	280	1.052
10	6.18	10.06	6.19	97.30	14.00	0.11	80.4	300	
15	6.19	10.12	6.26	97.20	14.20	0.09	43.9	300	
20	6.19	10.26	6.24	96.40	14.50	0.07	31.2	300	
25	6.19	10.39	6.23	96.00	15.20	0.06	19.5	300	
30	6.19	10.26	6.25	95.70	16.30	0.05	15.7	300	
35	6.19	10.07	6.22	95.50	17.00	0.05	12.7	300	
40	6.19	10.15	6.24	95.70	17.50	0.05	8.82	300	
45	6.22	10.20	6.22	95.20	18.10	0.05	7.98	300	
50	6.20	10.10	6.22	95.20	18.50	0.05	6.75	300	
55	6.20	10.30	6.23	93.90	18.70	0.05	7.28	300	
60	6.20	10.15	6.22	93.70	19.20	0.05	6.03	300	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1425
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.052

Sample ID: SB915-0162-02 Sample Time: 1440

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-104
Northing:
Easting:

Site Name: SB915 Closure | Sampling Method: Low Flow | Field Personnel: CAH, KJK
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 2-24-14
Project #: 1163.48127 | Pump/Controller ID#: | Weather: snow, wind, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.15 ft. bmp.
Depth to Water*: 9.51 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1218
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.85	8.44	6.56	61.60	-24.90	4.54	2.27	440	1.032
10	9.90	9.00	6.50	61.20	-29.60	0.63	2.91	440	
15	9.92	8.72	6.50	60.40	-28.40	0.54	3.68	440	
20	9.95	~~8.72~~	~~6.50~~	~~60.40~~	~~-28.40~~	6.5	2.32	340	
25	9.78	8.12	6.86	36.80	-26.50	1.15	2.80	340	
30	9.77	8.00	7.05	33.20	-35.60	1.23	6.00	340	
35	9.77	8.00	7.28	31.80	-50.70	1.18	10.17	340	
40	9.77	8.02	7.60	30.30	-83.30	1.03	15.0	340	
45	9.79	8.03	7.91	28.80	-127.00	0.89	22.9	340	
50	9.80	7.91	8.12	28.00	-159.80	0.76	28.8	340	
55	9.81	7.97	8.34	27.20	-190.90	0.70	35.4	340	
60	9.81	8.29	8.52	26.20	-212.00	0.61	39.4	340	
65	9.81	8.57	8.65	25.30	-221.00	0.63	41.7	340	
70	9.81	8.43	8.70	24.70	-224.90	0.67	44.4	340	
75	9.83	8.24	8.79	24.10	-216.40	1.13	50.3	340	
80	9.82	9.01	9.55	20.70	-60.50	1.84	72.2	340	
85	9.83	9.20	10.05	20.10	-53.90	1.76	68.9	340	
90	9.83	9.15	10.45	19.80	-57.30	1.77	58.3	340	
95	9.84	8.56	10.86	19.50	-64.00	1.92	43.5	340	
100	9.83	8.33	11.02	19.60	-66.80	1.99	45.2	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Drilling Record

End Purge Time: 1400
Total volume of groundwater purged: 10 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Yellow milk *Odor* ND *Sheen/Free Product* ND
Specific Gravity

Sample ID: SB915-0167-04 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2/18/14
Weather: Cloudy, sunny, snow 30°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.24 ft. bmp.
Depth to Water*: 7.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1041
Initial Observations: Color light grey/clearish Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.46	9.84	6.15	100.70	-6.50	0.22	17.0	340	1.054
10	7.46	9.87	6.23	99.40	-5.70	0.14	13.8	340	
15	7.46	9.92	6.21	99.00	-5.00	0.11	11.98	340	
20	7.46	9.83	6.25	99.00	-2.40	0.10	9.13	340	
25	7.46	9.97	6.21	98.30	-1.00	0.09	8.15	340	
30	7.46	9.91	6.25	97.50	0.60	0.08	6.37	340	
35	7.46	9.87	6.20	97.10	1.80	0.08	7.00	340	
40	7.46	9.86	6.23	96.60	3.00	0.07	5.05	340	
45	7.46	9.77	6.20	96.90	4.20	0.07	4.41	340	
50	7.46	9.76	6.23	96.80	5.30	0.07	3.70	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1133
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.052

Sample ID: SB915-0163-01 **Sample Time:** 1151

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-075
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00503
Field Personnel: JWB
Date: 2/19/14
Weather: 40° sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 8.18 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1205
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.22	10.54	12.62	9.10	-2.10	2.66	0.57	440	1.008
10	8.22	10.77	12.63	9.20	0.10	2.35	0.69	440	
15	8.22	11.28	12.63	9.10	-0.70	2.24	0.70	440	
20	8.22	11.47	12.63	9.10	-1.20	2.23	0.53	440	
25	8.22	11.36	12.64	9.10	-1.70	2.24	0.62	440	
30	8.22	11.24	12.65	9.20	-2.30	2.24	0.44	440	
35	8.22	11.09	12.65	9.20	-2.00	2.24	0.42	440	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1245
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.008

Sample ID: SB915-0161-01, 02, 03 (MS/MSD) **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-BZ-07I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 2-19-19
Project #: 1163.51008 | Pump/Controller ID#: FA00771 / FA00136 | Weather: 40°F, warm!!, Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 25.05 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1212
Initial Observations: *Color* clear *Odor* ND *Sheen/Free Product* ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.97	11.27	11.79	66.80	-165.60	0.16	12.0	260	1.034
10	26.02	12.60	11.78	63.70	-167.00	0.13	9.90	240	
15	26.08	13.30	11.77	63.70	-169.90	0.16	12.90	240	
20	26.10	13.40	11.76	65.00	-171.90	0.10	10.51	240	
25	26.11	13.38	11.76	66.10	-174.30	0.07	10.96	240	
30	26.13	13.21	11.76	66.90	-174.50	0.06	8.08	240	
35	26.13	13.24	11.75	68.10	-174.30	0.05	7.67	240	
40	26.14	13.32	11.75	68.70	-175.30	0.05	6.30	240	
45	26.14	13.34	11.75	69.10	-176.00	0.04	5.11	240	
50	26.14	13.36	11.74	69.70	-176.00	0.04	4.33	240	
55	26.18	13.50	11.74	70.10	-177.50	0.04	3.85	240	
60	26.31	13.71	11.73	69.70	-180.10	0.03	3.07	240	
65	26.32	13.65	11.74	69.60	-180.40	0.02	2.84	240	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1318
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.034

Sample ID: SB915-0164-04.05 (FD) **Sample Time:** 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: grund-fos
Pump/Controller ID#: FA00135/FA01166
Field Personnel: ARP
Date: 2/19/14
Weather: 40° sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 32.92 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:15
Initial Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	34.88	10.80	12.11	49.00	-165.70	1.67	58.2	160	1.032
10	35.10	11.27	12.12	48.30	-156.50	1.39	52.0	160	
15	35.18	11.59	12.12	47.80	-157.00	1.10	35.7	120	
20	35.36	11.57	12.12	47.40	-159.90	.99	20.9	140	
25	35.63	11.18	12.15	46.20	-157.90	.89	16.1	160	
30	35.85	11.22	12.14	46.10	-159.90	.82	18.6	180	
35	36.61	11.20	12.14	45.70	-161.10	.79	19.9	180	
40	36.72	11.85	12.12	45.70	-163.70	.74	16.3	140	
45	36.81	11.96	12.12	45.10	-163.20	.73	12.6	140	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

had to restart → low-flow finished prematurely

End Purge Time: 12:55
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.

Final Observations: *Color* CLEAR *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.028

Sample ID: SB915-0164-06 **Sample Time:** 13:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

APPENDIX B

2nd Quarter 2014 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA00615
Field Personnel: KJK
Date: 5/12/14
Weather: Sunny ~75°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 22.70 ft.
Length of Water Column (LWC): 46.07 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1052
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	22.93	14.08	7.10	0.21	-63.50	0.82	27.3	260	1.000
10	22.93	13.86	7.04	0.44	-52.50	0.46	37.0	260	
15	22.93	13.93	7.03	1.46	-90.30	0.29	35.8	260	
20	22.93	13.99	7.03	1.47	-84.80	0.56	23.2	260	
25	22.93	13.94	7.03	1.47	-78.10	0.39	20.3	260	
30	22.93	13.96	7.03	1.49	-72.60	0.28	17.4	260	
35	22.94	13.94	7.03	1.48	-70.10	0.13	09.37	260	
40	22.94	13.90	7.03	1.47	-66.20	0.05	6.89	268	
45	22.94	14.12	7.04	1.47	-63.60	0.04	3.55	260	
50	22.94	13.98	7.04	1.48	-61.70	0.03	2.32	260	
55	22.94	13.98	7.03	1.50	-59.80	0.03	4.15	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1147
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0172-02 Sample Time: 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00902
Field Personnel: JWB/AKM/TBP
Date: 5-12-14
Weather: Sunny 80°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 27.13 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1119
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	27.40	11.97	6.56	51.80	-52.40	0.14	27.4	500	1.026
10	27.40	11.51	6.54	57.30	-48.10	0.08	31.8	440	
15	27.40	11.25	6.47	56.20	-37.90	0.08	11.21	440	
20	27.40	11.17	6.46	57.00	-35.40	0.07	5.77	440	
25	27.40	11.43	6.45	56.40	-32.30	0.06	4.33	440	
30	27.40	11.69	6.41	56.20	-25.80	0.05	4.04	440	
35	27.40	11.59	6.40	56.90	-23.10	0.05	2.64	440	
40	27.40	11.57	6.40	56.10	-21.60	0.05	2.38	440	
45	27.40	11.71	6.40	57.20	-20.30	0.05	2.36	440	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
DO Titrataion = — mg/L
Total volume of groundwater purged: 25.5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.048

Sample ID: SB915-0172-01 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FACW 615
Field Personnel: LSK
Date: 5/13/14
Weather: Sunny ~75°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.15 ft. bmp.
Depth to Water*: 4.52 ft.
Length of Water Column (LWC): 14.63 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1200
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.66	12.85	12.43	15.00	-141.70	5.25	11.1	280	1.006
10	4.67	12.65	12.44	15.00	-150.20	2.17	3.61	390	
15	4.67	12.72	12.44	15.10	-143.70	1.91	2.53	390	
20	4.67	12.49	12.45	15.00	-149.30	1.93	1.11	390	
25	4.67	12.58	12.46	14.70	-142.20	1.88	0.57	390	
30	4.67	12.08	12.45	14.70	-148.60	2.00	0.35	396	
35	4.67	12.76	12.45	14.60	-145.50	1.98	0.68	390	
40	4.67	12.65	12.45	-14.70	-149.30	1.95	0.50	390	
45	4.67	13.08	12.44	-14.70	-149.90	1.95	0.69	390	
50	4.67	12.85	12.45	14.60	-147.20	1.86	0.58	390	
55	4.67	12.67	12.46	14.50	-144.80	1.70	0.56	390	
60	4.67	12.95	12.46	14.30	-144.20	1.90	0.16	390	
65	4.67	12.49	12.45	15.00	-149.30	1.93	0.46	390	
70	4.67	12.58	12.46	14.70	142.20	1.88	0.45	390	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1310
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.004

Sample ID: SB915-0173-08 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory
1					

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/13/14
Weather: Sunny 70's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.24 ft. bmp.
Depth to Water*: 6.40 ft.
Length of Water Column (LWC): 67.84 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:00
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.98	15.40	6.36	79.60	-54.3	.21	27.8	320	1.044
10	6.9	14.83	6.35	82.6	-53.8	.10	26.6	320	
15	6.9	14.76	6.34	83.10	-52	.08	27.2	320	
20	6.9	14.86	6.34	82.80	-50.8	.06	18.9	320	
25	6.9	14.42	6.34	81.9	-49.5	.05	10.69	340	
30	6.9	14.92	6.33	81.7	-48.5	.05	9.14	340	
35	6.9	14.84	6.33	81.5	-47.1	.04	4.81	340	
40	6.9	15.83	6.33	80.80	-46.7	.04	5.53	340	
45	6.9	15.53	6.33	79.00	-45.8	.04	5.14	340	
50	6.9	15.03	6.32	79.70	-44.9	.04	4.28	340	
55									
60									
65									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1250
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity

Sample ID: SB915-0173-07 Sample Time: 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MB-090
Northing: WB
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: ICJK
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 5/13/14
Project #: 1163.51008 | Pump/Controller ID#: FA06.15 | Weather: Sunny ~ 70°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 14.56 ft. bmp.
Depth to Water*: 7.59 ft.
Length of Water Column (LWC): 6.97 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 0936
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.64	13.31	6.81	3.10	-70.50	1.66	21.0	140	1.102
10	9.60	12.60	6.99	5.70	-108.30	2.07	20.3	140	
15	9.96	12.36	8.12	7.70	-179.40	2.03	11.1	140	
20	10.33	12.12	8.17	8.90	-177.90	1.88	52.04	140	
25	10.61	12.72	7.00	2.20	-76.90	0.30	119	140	
30	10.80	13.10	10.86	10.60	-219.50	0.23	9.32	160	
35	10.92	13.04	11.32	11.30	-206.70	0.13	40.7	140	
40	11.01	13.31	11.48	11.60	-207.30	0.10	8.38	140	
45	11.05	13.09	11.59	12.20	-208.50	0.07	3.69	140	
50	11.07	12.95	11.67	12.60	-207.70	0.06	1.35	140	
55	11.07	13.00	11.65	12.30	-207.90	0.05	0.71	140	
60	11.15	13.31	11.69	12.50	-209.00	0.03	0.63	140	
65	11.17	13.31	11.69	12.50	-208.40	0.04	0.59	140	1.104
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1042
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 2 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.104

Sample ID: SB915-0173-05 **Sample Time:** 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: WATER becomes cloudy longer it sits on Turbidity meter. Fill glass to top to show cloudy-ness.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 ~~-MW~~-01L
Northing: WB
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/13/14
Weather: Partly cloudy 70

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 5.33 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 945
Initial Observations: Color Cloudy Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
05	5.31	12.74	6.21	95.90	-18.00	.78	191	320	1.050
10	5.31	12.50	6.22	95.40	-19.80	.56	107.1	320	
15	5.31	12.15	6.23	94.50	-20.30	.46	89.6	320	
20	5.31	12.19	6.24	92.80	-20.50	.39	71.7	320	
25	5.31	12.51	6.24	92.00	-21.00	.31	51.2	320	
30	5.31	12.98	6.24	89.8	-21.10	.25	36.3	320	
35	5.31	12.70	6.25	89.20	-21.00	.23	31.7	320	
40	5.31	12.79	6.25	88.80	-21.50	.19	19.7	320	
45	5.31	12.49	6.25	88.90	-21.80	.17	17.1	320	
50	5.31	12.48	6.25	87.10	-22.40	.16	15.0	320	
55	5.31	12.46	6.25	86.1	-22.5	.15	14.0	320	
60	5.31	12.61	6.25	83.80	-22.7	.14	10.02	320	
65	~~5.31~~ 12.76	12.70	6.25	84.0	-22.9	.12	7.94	320	
70	5.31	12.83	6.25	82.8	-23.0	.13	5.92	320	
75	5.31	12.78	6.52	81.10	-23.1	.12	6.42	320	
80	5.31	12.65	6.25	81.30	-23.4	.09	4.51	320	1.052
85									
90									
95									
100									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:05
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.052

Sample ID: SB915-0173-06 Sample Time: 1110

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: 1110 Sample time

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-new-05 U
Northing: WB
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri Pump
Pump/Controller ID#:
Field Personnel: TBP
Date:
Weather: Rain 50's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.54 ft. bmp.
Depth to Water*: 9.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:55
Initial Observations: Color Clear Odor None Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.5	10.25	11.51	16.00	26.20	2.33	1.78	340	1.004
10	9.5	10.20	11.82	21.1	9.10	1.25	1.74	340	
15	9.5	10.20	11.86	21.07	6.00	1.21	1.17	340	
20	9.5	10.15	11.87	22.10	7.4	1.21	.60	340	
25	9.5	10.11	11.87	22.0	9.3	1.23	.54	340	
30	9.5	10.09	11.89	22.2	10.2	1.22	.56	340	
35									
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125
DO Titrataion = mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product NONE
Specific Gravity 1.010

Sample ID: SB915-015 6-01 Sample Time: 1140

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-W13-05M
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5/16/14
Weather: ~52°F Rain

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 18.00 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1051
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.00	11.82	6.78	36.00	-60.40	0.18	18.1	240	1.014
10	18.00	11.67	6.85	36.30	-50.50	0.10	15.9	240	
15	18.00	11.64	6.84	36.50	-48.80	0.08	12.06	240	
20	18.00	11.55	6.81	37.90	-47.20	0.07	7.35	240	
25	18.00	11.54	6.83	38.70	-45.10	0.07	7.03	240	
30	18.00	11.48	6.82	38.80	-43.50	0.06	5.28	240	
35	18.00	11.55	6.83	38.80	-42.80	0.06	3.90	240	
40	18.00	11.48	6.84	38.90	-41.60	0.06	4.97	240	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1134
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.016

Sample ID: SB915-8176-02 Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low-flow | Field Personnel: ARP
Site Location: Camillus, NY | Equipment Used: peri pump | Date: 5/16/14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: 60° rain (heavy)

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 121.60 ft. bmp.
Depth to Water*: 14.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:48
Initial Observations: *Color* None *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.40	11.76	6.13	123.99	29.30	1.17	8.33	320	1.010
10	14.40	11.68	6.15	126.63	8.90	.65	3.20	320	
15	14.40	11.64	6.16	125.55	11.60	.48	1.74	320	
20	14.40	11.55	6.17	123.78	12.30	.40	2.52	320	
25	14.40	11.53	6.17	126.51	13.30	.21	2.46	320	
30	14.40	11.50	6.19	124.40	12.10	.15	2.28	320	
35	14.40	11.50	6.19	125.11	12.80	.14	2.35	320	
40	14.40	11.45	6.20	124.19	11.90	.15	2.39	320	1.010
~~45~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:33
DO Titrataion = mg/L
Total volume of groundwater purged: ~4 gal.
Final Observations: *Color* None *Odor* None *Sheen/Free Product* None
Specific Gravity 1.010

Sample ID: SB915-0176-03 **Sample Time:** 11:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05R
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FAD0822 / FAD1166
Field Personnel: SSW, JWB
Date: 5-27-14
Weather: ~77°C

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 158.80 ft. bmp.
Depth to Water*: 22.63 ft.
Length of Water Column (LWC): 136.17 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1038
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	42.68	13.40	6.48	216.46	-19.40	0.09	22.3	480	1.130
10	42.70	13.24	6.50	217.38	-24.00	0.09	11.4	480	
15	42.82	13.20	6.56	217.62	-29.70	0.07	10.28	480	
20	42.64	13.42	6.61	217.23	-32.10	0.07	6.22	500	
25	42.68	13.34	6.63	218.76	-31.80	0.06	4.20	500	
30	42.78	13.39	6.64	218.36	-31.50	0.05	3.76	500	
35	42.78	13.61	6.65	217.69	-30.70	0.05	3.45	500	
40	42.85	13.41	6.66	217.41	-30.00	0.05	3.75	500	
45	42.90	13.61	6.67	217.32	-29.40	0.05	3.85	500	
50	42.94	13.58	6.67	218.45	-29.80	0.04	3.72	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 13 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product No
Specific Gravity ____

Sample ID: SB915-DR2-02 Sample Time: 1140

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged ~5 gallons prior to low-flow & dropped DTW to 43.25

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peri pump
Pump/Controller ID#:
Field Personnel: JWB/ARP
Date: 5/22/14
Weather: 60° sunny/clouds

Well information:
Installed Depth of Well*: 82.00 ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: 13.57 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:42
Initial Observations: Color CLEAR Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.65	14.16	6.31	120.60	-22.10	0.25	8.43	300	1.030
10	13.65	13.84	6.29	121.90	-13.90	0.11	1.83	300	
15	13.65	13.79	6.29	122.10	-11.20	0.08	3.19	300	
20	13.65	13.71	6.28	122.90	-10.20	0.07	1.62	300	
25	13.65	13.78	6.28	121.96	-8.80	0.07	1.67	300	
30	13.65	13.47	6.28	122.20	-7.80	0.06	1.27	300	
40	13.65	13.75	6.28	122.10	-6.80	0.06	1.72	300	
45	13.65	13.73	6.28	123.20	-6.10	0.05	1.79	300	
50	13.65	13.76	6.28	121.80	-6.20	0.07	1.78	300	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:30
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor none Sheen/Free Product None
Specific Gravity 1.066

Sample ID: SB915-0180-05 Sample Time: 13:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-074
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKM
Date: 5-13-14
Weather: sunny 80°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 55.88 ft. bmp.
Depth to Water*: 7.82 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1056
Initial Observations: Color clear Odor none Sheen/Free Product none / very sm. particles

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (uS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.83	14.42	6.46	24.10	-29.00	0.51	25.5	320	1.012
10	7.83	14.17	6.46	24.40	-22.20	0.30	3.85	320	1.012
15	7.83	14.06	6.46	24.50	-19.30	0.17	3.28	320	1.012
20	7.83	14.07	6.46	24.50	-17.90	0.10	4.81	320	
25	7.83	14.20	6.46	24.50	-13.90	0.06	3.42	300	
30	7.83	14.43	6.47	24.40	-10.90	0.03	4.44	300	
35	7.83	14.55	6.46	24.40	-8.50	0.02	2.76	300	1.012
40	7.83	14.66	6.46	24.20	-7.10	0.02	2.89	300	
45	7.83	14.63	6.46	24.20	-5.56	0.02	4.93	300	
50	7.83	14.61	6.46	24.30	-4.50	0.01	2.96	300	
55	7.83	14.64	6.46	24.50	-7.30	0.01	5.41	300	
60	7.83	14.64	6.46	24.30	-7.40	0.01	5.59	300	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1203
DO Titrataion = ___ mg/L
Total volume of groundwater purged: 26.5 gal.
Final Observations: Color clear Odor none Sheen/Free Product none / none
Specific Gravity 1.012

Sample ID: SB915-0174-01 Sample Time: 1221

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-02
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peri pump
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/14/14
Weather: partly cloudy 70's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: 8.88 ft.
Length of Water Column (LWC): 70.78 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1056
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.9	13.70	6.16	93.40	-22.70	.21	11.2	480	1.044
10	8.9	13.38	6.16	93.70	-16.9	.11	8.35	340	
15	8.9	13.21	6.16	93.9	-13.9	.08	4.58	480	
20	8.9	13.31	6.16	93.2	-11.7	.06	3.58	480	
25	8.9	13.33	6.17	93.40	-12.20	.05	3.14	480	
30	8.9	13.61	6.17	92.6	-10.6	.04	3.06	480	
35	8.9	13.65	6.17	92.3	-10.4	.04	2.78	480	
40	8.9	13.67	6.18	92.0	-9.8	.03	4.15	480	
45	8.9	13.56	6.18	92.1	-11.3	.03	4.61	480	
50	8.9	13.47	6.18	91.6	-10.8	.03	4.59	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.040

Sample ID: SB915-01TB-02,03,04 Sample Time: 1125

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 5.14.14
Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 114.59 ft. bmp.
Depth to Water*: 13.57 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1057
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.15	14.61	6.95	186.20	-69.50	0.35	11.8	160	1.100
10	19.25	15.57	7.01	186.50	-69.90	0.22	10.32	160	
15	20.55	15.48	7.01	184.00	-64.90	0.16	11.5	160	
20	20.84	15.53	7.00	183.80	-57.20	0.16	13.4	160	
25	21.78	15.53	7.00	182.50	-44.20	0.21	12.02	160	
30	21.72	15.93	7.00	179.70	-29.20	0.26	12.4	160	
35	23.30	16.23	6.99	182.10	-24.10	0.33	12.2	160	
40	23.75	16.37	6.99	177.80	-23.50	0.37	11.4	160	
45	24.48	16.49	6.99	180.40	-25.30	0.42	14.3	160	
50	25.02	16.50	6.98	180.80	-26.10	0.41	13.5	160	
55	25.73	16.73	6.97	177.80	-28.30	0.42	11.6	160	1.102
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1157
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.102

Sample ID: SB915-0174-05 Sample Time: 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TP/KK
Date: 5/13/14
Weather: Sunny 75°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 9.50 ft.
Length of Water Column (LWC): 8.86 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1420
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	9.50	20.08	7.03	1051.3	91.5	4.50	1.42	<500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1445
Total volume of groundwater purged: 0 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.000

Sample ID: SB915-0173-09 **Sample Time:** 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
Purged 5/12/14

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00902
Field Personnel: JWR/AKM
Date: 5/12/14
Weather: Sunny 80°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 5.85 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1342
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.85	12.34	6.74	15.30	-50.70	0.03	0.97	500	1.008
10	5.85	12.33	6.74	15.40	-49.60	0.02	0.98	500	
15	5.85	12.36	6.74	15.40	-48.80	0.01	1.47	500	
20	5.85	12.38	6.74	15.40	-48.30	0.01	0.82	500	
25	5.85	12.42	6.74	15.40	-47.50	0.00	0.39	500	
30	5.85	12.20	6.74	15.50	-46.70	0.00	0.44	500	
35	5.85	12.20	6.74	15.50	-46.00	0.00	0.31	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1423
DO Titrataion = ___ mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.008

Sample ID: SB915-0172-03 Sample Time: 1430

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory
1					

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: F-A0138
Field Personnel: KJK
Date: 5/8/14
Weather: Sunny ~60°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.57 ft. bmp.
Depth to Water*: 5.41 ft.
Length of Water Column (LWC): 15.10 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1022
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.77	11.29	6.27	41.67	-45.10	0.09	4.34	300	1.018
10	8.95	11.19	6.28	40.56	-49.30	0.06	5.06	320	
15	9.42	11.05	6.32	39.54	-32.00	0.04	7.10	300	
20	9.94	10.97	6.33	37.99	-22.40	0.03	7.61	300	
25	10.70	10.97	6.33	37.05	-13.10	0.03	7.14	300	
30	11.20	11.58	6.33	38.27	-7.30	0.08	7.21	300	
35	11.27	11.62	6.33	36.33	-8.30	0.08	8.36	220	
40	11.30	11.68	6.34	38.06	-16.60	0.07	6.20	220	
45	11.36	11.84	6.36	38.66	-25.70	0.06	3.96	220	
50	11.40	11.79	6.38	39.26	-39.20	0.06	3.54	220	
55	11.46	11.96	6.39	38.44	-50.10	0.06	4.26	220	
60	11.53	11.78	6.40	37.84	-56.80	0.07	5.15	220	
65	11.57	11.88	6.41	36.63	-51.00	0.16	5.63	220	
70	11.62	11.67	6.41	36.64	-58.40	0.14	7.41	220	
75	11.68	11.75	6.42	36.79	-68.90	0.08	4.22	220	
80	11.73	11.84	6.43	37.36	-75.30	0.05	3.22	220	
85	11.78	11.86	6.44	37.40	-80.40	0.04	3.83	220	
90	11.88	11.84	6.44	37.07	-84.20	0.03	2.93	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1152
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.016

Sample ID: SB915-0130-04 Sample Time: 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Pri
Pump/Controller ID#:
Field Personnel: TP/KK
Date: 8/5/12/14
Weather: Sunny ~75°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 9.22 ft.
Length of Water Column (LWC): 9.14 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1430
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.45	14.05	6.74	1.28	55.10	.73	1.35	140	1.000
10	9.63						1.76		
5	9.91	13.21	6.76	1.30	52.60	.95	.40	140	
10	10.05	12.52	6.79	1.30	51.40	1.44	.49	140	
15	10.18	12.80	6.81	1.20	47.40	1.82	.25	140	
20	10.26	12.97	6.79	1.20	42.30	1.71	.03	140	
25	10.35	12.87	6.79	1.20	39.40	1.50	.01	140	
30	10.43	13.21	6.78	1.30	39.50	1.34	.02	140	
35	10.49	13.62	6.77	1.30	35.50	1.21	.24	140	
40	10.55	13.85	6.76	1.30	35.40	1.13	.21	140	
45	10.61	14.03	6.76	1.30	28.60	.97	.14	140	
	10.67	13.38	6.75	1.30	23.50	.86	.04	140	
	10.70	14.17	6.75	1.30	22.00	.75	.08	140	
	10.75	13.96	6.75	1.30	26.10	.69	.53	140	
	10.80	14.21	6.74	1.30	25.2	.61	.59	140	
	10.85	14.17	6.74	1.30	24.2	.53	.04	140	
	10.88	13.34	6.74	1.30	23.6	.47	.19	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1600
DO Titrataion = mg/L
Total volume of groundwater purged: 13 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity

Sample ID: — Sample Time: —

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: IPOD Over Heated
Purged well dry For sampling next Day

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-38S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FSC0902
Field Personnel: KJK
Date: 5/20/14
Weather: Sunny ~75°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.73 ft. bmp.
Depth to Water*: 7.03 ft.
Length of Water Column (LWC): 12.70 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1300
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.12	8.92	12.91	6.48	-60.90	7.29	2.66	320	1.000
10	7.12	8.35	12.94	6.62	-38.40	7.32	5.50	500	
15	7.12	8.45	12.98	6.58	-31.30	7.16	5.67	500	
20	7.12	8.21	12.98	6.61	-24.60	7.22	6.92	500	
25	7.12	8.50	12.98	6.59	-22.10	7.21	7.22	500	
30	7.12	8.21	13.01	6.60	-19.40	7.24	8.22	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.000

Sample ID: SB915-0178-04 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/20/14
Weather: Sunny 60's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 27.61 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1042
Initial Observations: Color Clear turn Cloudy White Odor NONE Sheen/Free Product NONE
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.81	13.9	12.17	10.50	-11.7	6.87	815	~~260~~ 100	1.008
10	30.17	14.08	12.33	10.3	-10.8	6.85	112	100	
15	30.23	14.77	12.42	10.3	-11.8	7.11	59.8	100	
20	30.30	14.78	12.47	10.8	-10.8	7.10	42.1	100	
25	30.38	14.74	12.48	12.00	-10.6	6.94	24.3	100	
30	30.4	14.96	12.45	14.10	-15.4	6.7	26.7	100	
35	30.45	14.65	12.45	16.8	-18.8	6.1	37.1	100	
40	30.47	14.92	12.44	19.40	-23.8	5.50	32.5	100	
45	30.47	14.70	12.41	22.1	-26.9	4.95	32.6	100	
50	30.45	14.79	12.4	24.20	-29.2	4.46	75.8	100	
55	30.44	15.01	12.39	25.9	-31.1	4.00	94.2	100	
60	30.36	15.10	12.37	27.7	-33.6	3.75	61.7	100	
65	30.36	15.29	12.36	29.2	-36.1	3.25	80.7	100	
70	30.36	15.28	12.35	32.60	-40.1	2.94	234	100	
75	30.36	15.24	12.34	34.9	-41.3	2.56	95.9	100	
80	30.36	~~14.98~~	12.35	36.2	-43.4	2.20	78.5	100	
85	30.38	14.92	12.34	37.4	-45.4	1.98	85.6	100	
90	30.37	15.50	12.33	38.2	-47.4	1.75	61.0	100	
95	30.38	15.32	12.33	38.9	-50.20	1.51	79.4	100	
100	30.40	15.39	12.33	39.3	-51.1	1.32	83.3	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1335
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.020

Sample ID: SB915-0178-03 Sample Time: 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-36I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	30.42	15.37	12.32	39.9	-54.3	1.17	79.5	100	
110	30.42	16.20	12.3	40.3	-55.2	1.04	81.9	100	
115	30.44	15.6	12.32	40.5	-56.0	.92	74.0	100	
120	30.47	15.45	12.32	40.8	-56.3	.83	69.3	100	
125	30.47	16.08	12.31	41.0	-59.1	.76	56.5	100	
130	30.47	15.95	12.31	41.2	-58.6	.70	40.3	100	
135	30.47	15.99	12.31	41.5	-63.4	.67	37.3	100	
140	30.47	16.54	12.3	41.5	-60.6	.63	27.3	100	
145	30.53	15.91	12.31	41.9	-66.7	.63	32.4	100	
150	30.52	15.92	12.32	42.0	-68.4	.62	23.2	100	
155	30.53	15.97	12.32	42.0	-61.5	.6	21.7	100	
160	30.53	16.05	12.31	42.6	-66.1	.62	17.8	100	
165	30.56	16.54	12.31	42.3	-66.6	.6	14.7	100	
170	30.56	16.11	12.31	42.9	-69	.61	11.1	100	
175									
180									
185									
190									
195									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Page _____ of _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: Grundfos
Pump/Controller ID#: #Acu 384
Field Personnel: KJK
Date: 5/20/14
Weather: Sunny ~70°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: 78.06 ft.
Length of Water Column (LWC): 41.04 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color Clear Odor Sulfur Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	78.10	12.98	6.92	12.58	-97.90	0.25	12.3	450	1.100
10	78.11	13.12	6.92	12.39	-93.10	0.18	19.3	300	
15	78.11	13.80	6.92	11.22	-91.10	0.08	36.7	320	
20	78.11	14.37	6.92	10.02	-88.20	0.05	34.0	320	
25	78.11	14.61	6.92	9.08	-85.00	0.03	26.5	340	
30	78.11	14.77	6.92	8.40	-82.30	0.03	14.0	340	
35	78.11	14.96	6.92	7.84	-80.60	0.02	8.93	340	
40	78.11	14.97	6.92	7.37	-78.40	0.01	6.12	340	
45	78.11	14.97	6.93	7.01	-76.70	0.01	5.28	340	
50	78.11	15.10	6.93	6.67	-75.20	0.00	6.57	340	
55	78.11	15.19	6.93	6.37	-74.10	0.00	6.65	340	
60	78.11	15.26	6.93	6.22	-72.80	0.00	7.05	340	
65	78.11	15.31	6.93	6.06	-72.10	0.00	6.95	340	
70	78.11	15.28	6.93	5.89	-71.40	-0.00	7.22	340	
75	78.11	15.29	6.93	5.76	-70.30	-0.00	7.69	340	
80	78.11	15.37	6.93	5.63	-69.50	-0.00	8.34	340	
85	78.11	15.32	6.93	5.60	-68.90	-0.01	8.24	340	1.102
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211
Total volume of groundwater purged: 10 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.102

Sample ID: SB915-0178-01 / 02 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
02 = DUP (~200 Hz)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-405
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: ↓ | Date: 5.27.14
Project #: 1163.51008 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 49.07 ft. bmp.
Depth to Water*: 38.36 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	well does not produce enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/21/14
Weather: Sunny 70's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 41.8 ft. bmp.
Depth to Water*: 34.00 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5/21/14 0	34.00	20.28	11.94	39.84	-109.6	5.01	12.66		1.026
5/22/14 0	33.83	20.73	11.92	49.47	-113.5	4.72	9.67		1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: SB915-0180-03 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 5/21/14
Project #: 1163.51008 | Pump/Controller ID#: FA6823 | Weather: Sunny ~65°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 43.75 ft.
Length of Water Column (LWC): 26.33 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1033
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	45.33	15.46	12.40	98.87	-131.40	1.17	18.2	220	1.044
10	46.26	15.73	12.43	98.80	-145.30	0.36	18.2	110	
15	46.81	16.00	12.40	99.53	-120.40	0.39	12.02	180	
20	47.24	15.73	12.45	98.22	-126.50	0.35	10.94	120	
25	47.93	15.22	12.45	98.23	-106.50	0.35	11.96	240	
30	48.25	16.53	12.43	97.35	-93.40	0.33	9.65	100	
35	48.73	16.18	12.43	97.23	-92.10	0.33	9.35	140	
40	49.06	16.46	12.43	96.75	-90.40	0.35	9.21	120	
45	49.63	16.09	12.44	96.49	-89.90	0.38	11.21	100	
50	49.91	16.22	12.44	96.75	-87.10	0.43	9.13	110	
55	50.52	16.23	12.43	96.77	-92.70	0.45	11.68	220	
60	50.82	16.71	12.43	96.22	-104.40	0.47	10.39	100	
65	51.20	16.37	12.43	96.94	-100.80	0.56	10.58	110	
70	51.55	16.72	12.42	97.05	-108.00	0.59	8.80	110	
75	51.92	16.86	12.41	97.04	-105.80	0.65	8.61	200	
80	51.32	17.10	12.42	96.18	-107.60	0.74	11.2	100	
85	51.44	18.42	12.37	96.58	-102.80	0.76	9.54	100	
90	51.68	17.79	12.40	95.73	-104.10	0.84	9.97	110	
95	51.75	18.78	12.37	96.35	-103.20	0.84	9.31	100	
100	51.98	18.19	12.38	96.52	-104.70	0.92	9.04	170	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1218
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.048

Sample ID: SB915-0179-04 **Sample Time:** 1248

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/21/14
Weather: Partly Cloudy 70

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 66.93 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:23
Initial Observations: *Color* Brown *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	66.98	12.80	6.67	98.3	-92.7	.14	~~440~~ 128	440	1.060
10	66.98	12.99	6.68	99.6	-89.2	.14	75	440	
15	66.98	13.56	6.67	99.1	-84.9	.12	62.5	440	
20	66.98	13.74	6.67	98.0	-81.00	.11	46.4	440	
25	66.98	13.63	6.67	97.8	-77.7	.09	41.7	440	
30	66.98	13.85	6.66	97.4	-75.7	.07	40.4	440	
35	66.98	14.04	6.65	97.2	-73.3	.06	35.2	440	
40	66.98	13.99	6.65	96.9	-71.4	.06	30.4	440	
45	66.98	14.02	6.65	96.5	-69.9	.06	32.0	440	
50	66.99	13.87	6.65	96.2	-68	.05	27.8	440	
55	66.99	14.06	6.65	97.2	-67.9	.04	29.0	440	
60	66.99	14.07	6.65	97.2	-67.3	.04	28.4	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1129
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.058

Sample ID: SB915-0179-03 **Sample Time:** 1140

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: N/A
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 5.27.14
Weather:

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 48.47.76 ft. bmp.
Depth to Water*: 35.61 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Well	does not	produce	enough	water	to	sample		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.
Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____
Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 5-27-14
Weather: ~82°F Sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.28 ft. bmp.
Depth to Water*: 33.21 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not	enough	water	to	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used: ↓
Pump/Controller ID#: ↓
Field Personnel: JwB
Date: 5.27.14
Weather: ~82 FSUN

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 35.24 ft. bmp.
Depth to Water*: 30.12 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.
Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____
Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S
Northing: _____
Easting: _____

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: _____
Equipment Used: _____
Pump/Controller ID#: _____
Field Personnel: _____
Date: _____
Weather: _____

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 34.96 ft. bmp.
Depth to Water*: 23.45 ft.
Length of Water Column (LWC): 11.51 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Well does not produce enough water collect degraded parameter kit								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00452 / FA01165
Field Personnel: JWR
Date: 5-21-14
Weather: ~70°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 41.96 ft.
Length of Water Column (LWC): 31.28 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1054
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	43.90	14.07	11.85	123.90	-226.70	0.26	39.2	140	1.066
10	44.81	14.17	11.85	124.10	-228.70	0.06	23.9	140	
15	45.35	14.65	11.85	124.10	-216.40	0.09	14.9	140	
20	45.70	14.66	11.85	123.60	-222.80	0.11	13.3	140	
25	46.17	14.94	11.84	123.10	-224.10	0.09	12.8	140	
30	46.55	14.58	11.86	121.90	-190.30	0.09	14.5	140	
35	46.85	14.90	11.84	121.90	-190.90	0.06	11.69	140	
40	47.34	14.24	11.87	122.00	-189.90	0.05	10.20	140	
45	47.65	14.58	11.86	122.40	-188.40	0.04	12.29	140	
50	47.85	14.40	11.86	122.40	-188.60	0.03	8.89	140	
55	48.08	15.05	11.85	121.20	-183.50	0.00	9.71	140	
60	48.45	15.29	11.84	121.20	-185.80	0.00	12.57	140	
65	48.63	15.75	11.84	120.30	-186.30	0.00	12.44	140	
70	48.40	16.16	11.81	121.60	-188.00	0.00	9.13	140	
75	49.15	15.93	11.83	120.40	-191.20	0.00	9.26	140	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1215
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.068

Sample ID: SB915-0179-02 Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-530
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: ARP
Date: 5/21/14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 124.05 ft. bmp.
Depth to Water*: 66.29 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:54 AM
Initial Observations: Color GRAY Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
5	66.29	12.75	7.33	1.50	-92.00	.36	129	300	1.000
10	66.29	12.69	7.32	1.60	-87.70	.26	100	300	
15	66.29	13.08	7.30	1.70	-81.70	.15	66	300	
20	66.29	13.21	7.28	1.80	-77.30	.12	33	300	
25	66.29	13.39	7.26	2.00	-72.90	.10	57.7	300	
30	66.29	13.48	7.26	2.00	-71.30	.08	37.1	300	
35	66.29	13.67	7.26	2.00	-70.10	.07	29.9	300	
40	66.29	13.41	7.26	2.00	-68.30	.06	25.2	300	
45	66.29	13.48	7.25	2.00	-66.80	.05	22.5	300	
50	66.29	13.55	7.25	2.00	-65.00	.05	17.7	300	
55	66.29	13.92	7.25	2.10	-64.00	.04	15.4	300	
60	66.29	14.16	7.25	2.10	-62.30	.04	11.83	300	
65	66.29	14.24	7.25	2.10	-61.10	.04	12.42	300	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 PM
DO Titrataion = mg/L
Total volume of groundwater purged: ~6 gal.

Final Observations: Color CLEAR Odor NONE Sheen/Free Product NONE
Specific Gravity 1.000

Sample ID: ~~SB915-MW-530~~ SB915-0179-01 Sample Time: 12:15 PM

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA00138
Field Personnel: ICJK
Date: 5/15/14
Weather: Sunny 80°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.83 ft. bmp.
Depth to Water*: 11.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1237
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.40	14.51	6.97	28.30	-56.60	0.06	81.8	320	1.018
10	11.40	14.20	7.00	28.40	-56.20	0.04	35.9	360	
15	11.40	14.20	7.00	28.40	-56.20	0.03	22.3	360	
20	11.40	14.15	7.02	28.40	-55.60	0.03	13.4	360	
25	11.40	14.33	7.01	28.52	-55.90	0.02	10.13	360	
30	11.40	14.02	7.02	28.50	-55.00	0.02	8.73	360	
35	11.40	13.97	7.03	28.50	-54.80	0.02	5.79	360	
40	11.40						4.61	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1317
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.018

Sample ID: SB915-0175-06 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * STABLE - waiting on bottles to show up. Continued Low Flow in the meantime.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: TBP
Date: 5/15/14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ~~12.86~~ 21.86 ft. bmp.
Depth to Water*: 10.76 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.81	11.78	6.62	14.5	-59.3	.06	3.37	480	1.008
10	10.82	11.65	6.63	14.1	-54.9	.03	2.96	480	
15	10.82	11.64	6.64	13.8	-52.1	.02	2.00	480	
20	10.82	11.47	6.64	13.6	-50.0	.02	1.17	480	
25	10.82	11.58	6.65	13.4	-48.4	.01	.87	480	
30	10.82	11.58	6.65	13.4	-48.4	.01	.50	480	
35	~~11.55~~	11.55	6.65	13.3	-46.5	.01	.97	480	
40	10.82	11.48	6.65	13.3	-45.6	.01	.66	480	
45	10.82	11.64	6.65	13.2	-48.9	.01	.63	481	
50									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

10.82

End Purge Time: 1323
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.006

Sample ID: SB915-0175-07 **Sample Time:** 1335

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: LOW FLOW
Equipment Used: PDM
Pump/Controller ID#: FA001015
Field Personnel: SDW
Date: 5/19/14 (forecast)
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 216.70 ft. bmp.
Depth to Water*: 110.67 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1005
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	110.65	12.28	6.83	28.97	-56.70	0.30	57.0	300	1.018
10	110.65	12.24	6.82	28.96	-52.90	0.13	32.3	320	—
15	110.65	12.04	6.83	28.91	-50.50	0.12	20.6	320	—
20	110.68	12.10	6.83	28.81	-48.90	0.10	10.19	320	—
25	110.68	12.27	6.83	28.76	-47.70	0.07	7.58	320	—
30	110.69	12.23	6.83	28.66	-46.70	0.07	4.50	320	—
35	110.68	12.24	6.83	28.55	-46.20	0.07	3.66	320	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1040
DO Titrataion = mg/L
Total volume of groundwater purged: ~4 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity

Sample ID: SB915-0177-01 Sample Time: 1058

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Equipment Used: Pan Pump | Date: 5/19/14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Sunny 60's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 17.43 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: [redacted] 10:07
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.43	12.58	6.43	99.40	-45.4	.23	43.0	360	1.052
10	17.43	12.37	6.44	96.10	-43.9	.15	31.1	400	
15	17.43	12.36	6.45	95.50	-42.1	.10	19.40	400	
20	17.43	12.69	6.46	97.80	-41.3	.08	12.9	400	
25	17.43	12.60	6.46	92.70	-41.8	.08	9.34	400	
30	17.43	12.61	6.46	90.80	-41.4	.07	7.27	400	
35	17.43	12.39	6.46	90.90	-41.1	.07	5.14	400	
40	17.43	12.37	6.46	93.30	-40.5	.07	7.21	400	
45	17.43	12.72	6.47	91.8	-41.0	.06	5.94	400	
50									
55									
60									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11055
DO Titrataion = mg/L
Total volume of groundwater purged: 6991 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.054

Sample ID: SB915-0177-02 **Sample Time:** 1108

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peri pump
Pump/Controller ID#: —
Field Personnel: JWB/ARP
Date: 5/19/14
Weather: sunny 60°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 10.80 ft.
Length of Water Column (LWC): 68.95 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1306
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.80	11.92	6.96	132.50	-75.90	.10	11.80	300	1.056
10	10.80	11.92	7.01	132.30	-77.80	.06	5.88	300	|
15	10.80	11.71	7.02	132.60	-79.00	.04	7.94	300	|
20	10.80	12.06	7.02	131.90	-80.80	.04	6.60	300	|
25	10.80	12.10	7.02	132.00	-82.10	.03	5.41	300	|
30	10.80	12.19	7.02	131.50	-83.10	.03	6.72	300	|
35	10.80	12.18	7.01	130.80	-83.70	.03	3.74	300	|
40	10.80	12.20	7.01	131.10	-84.30	.02	3.12	300	|
45	10.80	12.19	7.00	130.30	-85.00	0.02	5.04	300	|
50	10.80	12.05	7.01	130.40	-85.50	.02	4.81	300	|
55	10.80	12.12	7.00	132.00	-86.20	.02	2.60	300	✓
60	10.80	12.16	7.00	131.60	-86.80	.02	2.90	300	
65	10.80	12.28	6.99	131.00	-87.60	.02	3.30	300	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1412
DO Titrataion = mg/L
Total volume of groundwater purged: ~7 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.060

Sample ID: SB915-0177-06 **Sample Time:** 14:20

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: N/A
Equipment Used: N/A
Pump/Controller ID#: -
Field Personnel: JWB / ARP
Date: 5/19/14
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.70 ft. bmp.
Depth to Water*: 14.30 ft.
Length of Water Column (LWC): 1.40 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:

Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:

DO Titrataion = mg/L

Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*

Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#: FA01166/PA0452
Field Personnel: JWB/ARP
Date: 5/9/14
Weather: cloudy 60°

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 40.18 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:54 AM
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	40.27	10.48	6.76	1.20	3.00	.15	8.79	420	1.000
10	40.27	11.38	6.93	1.20	0.07	.09	4.86	420	
15	40.27	11.68	~~6.90~~ 7.00	1.20	6.90	.06	2.76	420	
20	40.27	11.88	7.03	1.20	9.10	.05	2.11	420	
25	40.27	12.10	7.02	1.20	10.90	.05	2.08	420	
30	40.27	12.25	7.03	1.20	11.20	.04	1.58	420	
35	40.27	12.28	7.07	1.20	10.70	.04	1.30	420	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:35
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ~5 gal.
Final Observations: Color None Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0177-05 Sample Time: 11:45 AM

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: SB915-105S, depth to water: 14.30 (well casing)
depth to bottom: 15.70

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 5.15.14
Weather: ~80°F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 6.08 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1012
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.45	15.07	6.05	134.50	9.50	0.16	10.02	180	1.064
10	8.40	14.74	6.05	133.80	14.10	0.09	10.58	180	
15	9.34	14.58	6.06	132.70	17.90	0.08	8.97	180	
20	9.90	14.77	6.05	131.70	21.00	0.08	12.50	180	
25	10.40	14.92	6.05	131.50	21.70	0.07	13.00	180	
30	11.03	15.01	6.06	128.70	21.60	0.04	26.90	180	
35	11.54	14.79	6.06	127.60	22.40	0.04	29.70	180	
40	12.00	14.83	6.06	125.50	23.10	0.05	37.40	180	
45	12.53	14.88	6.07	127.20	23.80	0.04	28.70	180	
50	12.73	14.93	6.06	125.90	24.40	0.04	46.0	180	
55	13.04	15.25	6.07	126.90	23.90	0.04	37.6	180	1.064
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1112
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity

Sample ID: SB915-0175-01 Sample Time: 1137

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: peri pump
Pump/Controller ID#:
Field Personnel: ARP
Date: 5/15/14
Weather: 70° cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 25.49 ft.
Length of Water Column (LWC): 49.74 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:17 AM
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.49	13.59	7.28	1.35	36.40	.41	2.01	300	1.002
10	25.49	13.40	7.26	1.38	36.40	.32	0.99	300	
15	25.49	13.45	7.24	1.43	36.30	.24	2.41	300	
20	25.49	13.44	7.22	1.49	36.40	.19	3.51	300	
25	25.49	13.40	7.21	1.50	36.30	.16	4.74	300	
30	25.49	13.32	7.21	1.51	36.20	.17	3.94	300	
35	25.49	13.30	7.21	1.51	36.20	.16	3.52	300	
40	25.49	13.24	7.21	1.51	36.20	.17	2.80	300	
45	25.49	13.29	7.21	1.50	36.10	.16	3.24	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00
DO Titrataion = mg/L
Total volume of groundwater purged: ~ 6 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity

Sample ID: SB915-~~MW~~0175-02 Sample Time: 11:15 AM

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1065
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA 00729
Field Personnel: AKM
Date: 05-7-14
Weather: Sun, 65°

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 19.98 ft. bmp.
Depth to Water*: 3.33 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1245
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.32	11.79	7.34	2.22	32.80	0.47	1.14	280	1.002
10	4.78	10.86	7.42	1.45	33.50	2.53	1.42	280	1.000
15	4.96	10.42	7.59	0.66	35.30	5.57	0.16	280	
20	5.11	10.48	7.62	0.63	35.00	5.60	0.13	280	
25	5.12	10.24	7.61	0.63	35.80	5.43	0.04	280	1.002
30	5.19	10.20	7.63	0.63	35.50	5.53	0.08	280	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1318
DO Titrataion = — mg/L
Total volume of groundwater purged: ~2 gal.
Final Observations: Color ~~tan~~ clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0109-04 Sample Time: 1336

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5.7.14
Weather: ~65°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 7.35 ft.
Length of Water Column (LWC): 37.47 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1241
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.45	12.47	7.43	5.00	-42.40	1.85	11.0	340	1.004
10	8.68	12.10	7.23	9.70	-54.10	1.26	31.3	340	
15	8.75	12.05	7.26	14.50	-54.10	0.78	27.4	340	
20	8.78	12.48	7.14	24.40	-63.10	0.25	7.81	340	
25	8.81	12.35	7.11	27.50	-62.70	0.17	5.07	340	
30	8.83	12.40	7.11	28.80	-61.70	0.15	2.80	340	
35	8.86	12.40	7.09	32.40	-60.90	0.14	1.73	340	
40	8.87	12.39	7.08	32.60	-60.00	0.14	1.18	340	
45	8.87	12.37	7.08	31.60	-58.90	0.14	1.10	340	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity ____

Sample ID: SB915-0169-03 **Sample Time:** 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA 00615
Field Personnel: AKM
Date: 5-8-14
Weather: sunny 72°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 22.47 ft. bmp.
Depth to Water*: 3.24 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1341
Initial Observations: Color red/brownish rust-colored Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.15	14.01	6.20	56.20	35.70	0.80	114	280	1.032
10	6.10	13.22	6.21	56.30	33.40	0.66	91.5	280	1.030
15	6.89	12.79	6.21	56.80	32.20	0.43	56.5	280	
20	7.05	12.47	6.21	56.50	32.70	1.31	47.4	280	
25	7.58	12.43	6.21	57.10	33.50	1.82	36.1	280	
30	7.60	12.61	6.21	57.50	34.30	0.98	30.7	280	
35	7.69	12.37	6.21	57.80	35.50	0.94	22.0	280	
40	7.77	12.55	6.21	57.80	35.60	0.81	28.0	280	
45	7.83	12.51	6.20	58.70	36.10	0.83	19.5	280	
50	7.85	12.33	6.20	58.8	36.20	0.86	18.4	280	
55	7.91	12.10	6.19	59.60	36.40	0.72	18.3	280	1.032
60	7.95	12.08	6.19	60.40	37.10	0.73	14.5	280	
65	7.97	12.28	6.18	60.20	37.70	0.61	14.2	280	
70	7.99	12.29	6.17	61.20	39.00	0.50	11.6	280	
75	7.99	12.19	6.17	61.30	39.50	0.50	10.60	280	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1503
DO Titrataion = — mg/L
Total volume of groundwater purged: 26.5 gal.
Final Observations: Color Clear Odor none Sheen/Free Product none/none
Specific Gravity 1.032

Sample ID: SB915-0170-08 Sample Time: 1520

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: PLN
Equipment Used: LOW FLOW
Pump/Controller ID#:
Field Personnel: STW
Date: 5/8/14
Weather: 70s/sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 57.41 ft. bmp.
Depth to Water*: 6.68 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1335
Initial Observations: Color clear Odor none Sheen/Free Product none
some rust flecks

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.67	13.58	6.75	13.37	-3.00	0.15	64.1	300	1.004
10	6.72	13.41	10.74	13.42	-3.80	0.08	81.4	800	—
15	6.72	13.39	6.74	13.33	-3.90	0.05	50.4	300	—
20	6.72	13.63	6.74	13.34	-4.00	0.03	32.5	300	—
25	6.72	13.64	6.74	13.28	-4.00	0.02	27.9	280	—
30	6.72	13.41	6.74	13.27	-3.90	0.01	14.7	280	—
35	6.72	13.60	6.73	13.24	-4.30	0.01	14.5	280	—
40	6.72	13.67	6.74	13.16	-4.10	0.01	11.7	280	—
45	6.72	13.67	6.73	13.08	-4.00	0.00	11.3	280	—
50	6.72	13.67	6.73	13.14	-4.10	0.00	10.18	280	—
55	6.72	13.58	6.74	13.11	-3.80	0.00	10.39	280	—
60	6.72	13.54	6.74	13.10	-3.90	0.00	7.51	280	—
105	6.72	13.49	6.74	13.04	-3.70	0.00	9.41	280	—
70	6.72	13.63	6.73	13.05	-3.80	0.00	7.94	280	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1445
DO Titrataion = mg/L
Total volume of groundwater purged: ~6 gal.

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.0006

Sample ID: SB915-0170-07 **Sample Time:** 1503

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FAC0729
Field Personnel: KJK
Date: 5/8/14
Weather: Sunny ~65°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 8.76 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1344
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.87	13.34	7.63	82.00	78.60	1.00	6.20	280	1.026
10	8.94	12.93	7.51	91.00	60.80	0.56	2.14	280	
15	8.90	12.00	7.47	99.60	50.20	0.18	2.08	280	
20	9.04	12.78	7.45	108.00	8.80	0.13	2.01	280	
25	9.12	12.87	7.27	122.90	-45.60	0.10	2.42	280	
30	9.17	13.02	7.09	124.00	-25.30	0.10	2.58	280	
35	9.19	12.07	6.90	128.00	-6.00	0.09	2.38	280	
40	9.20	13.02	6.80	136.20	2.10	0.08	2.37	280	
45	9.22	13.02	6.59	141.30	6.90	0.08	3.31	280	
50	9.23	12.97	6.49	140.80	7.00	0.08	3.46	280	
55	9.22	13.02	6.44	140.80	8.70	0.07	3.93	280	
60	9.24	13.21	6.43	147.70	9.80	0.07	4.87	280	
65	9.23	13.33	6.42	145.40	9.90	0.07	2.97	280	
70	9.24	13.21	6.42	144.20	9.70	0.07	2.55	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1456
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.074

Sample ID: SB915-0170-06 **Sample Time:** 1515

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR
Northing: —
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5-8-14
Weather: ~68°F Sun

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 19.00 ft.
Length of Water Column (LWC): 114.55 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1324
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.87	18.79	6.12	198.10	~~48.80~~	~~1.90~~	11.37	150	1.126
10	20.35	20.06	6.17	195.60	48.50	2.32	15.90	120	
15	20.80	19.11	6.08	198.90	38.30	1.72	7.95	120	
20	21.25	19.13	6.08	198.70	31.00	1.46	8.16	120	
25	21.58	19.82	6.08	197.10	30.50	1.40	7.30	120	
30	21.65	20.91	6.08	195.70	28.80	1.39	7.47	120	
35	21.91	19.44	6.08	197.70	29.40	1.38	6.78	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 7 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity ____

Sample ID: SB915-0170-05 Sample Time: 1517

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW - 1085
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Purge
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JCSC / TP
Date: 5/15/14 -> 5/16/14
Weather: Sunny 80°F // 50° = Rain

Well information:
Installed Depth of Well*: 26.94 ft. bmp.
Measured Depth of Well*: 19.49 ft. bmp.
Depth to Water*: 7.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1108
Initial Observations: *Color* Light Brown *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
3	21.10	13.38	6.68	1.00	50.10	0.97	12.95	>500	1.002
6	22.50	10.90	6.73	1.10	36.50	0.96	17.1	>500	
9	22.95	10.67	6.76	1.10	18.30	0.62	38.4	>500	
12	23.40	10.61	6.77	1.10	11.80	0.69	11.0	>500	
15	24.18	10.69	6.76	1.10	8.20	0.86	32.0	>500	
18	24.50	10.83	6.76	1.10	-8.00	0.55	33.0	>500	
21	24.90	11.00	6.76	1.10	-6.70	0.52	55.0	>500	
24	25.30	11.11	6.78	1.10	-7.60	0.92	23.0	>500	
27	25.69	11.11	6.79	1.10	-6.30	1.15	47	>500	1.000
30	25.95	11.27	6.78	1.10	-2.10	1.28	91	>500	
33	26.13	11.23	6.79	1.10	-3.10	1.49	78	>500	
36	26.31	11.27	6.79	1.10	-2.50	1.33	87	>500	
39	26.31	11.45	6.79	1.10	-1.60	1.34	88	>500	
42	26.60	11.08	6.77	1.10	1.90	1.43	612	>500	
45	26.70	11.31	6.80	1.10	2.30	1.54	77	>500	
48	26.75	11.27	6.77	1.10	5.60	1.62	660	>500	
52	26.75	11.15	6.76	1.10	6.80	1.64	658	>500	
5/16/14 0	19.45	11.15	6.99	0.663	159	2.64	60.3	<500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211
Total volume of groundwater purged: 6 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.004

Sample ID: SB915-0176-04 **Sample Time:** 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-mw-19D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 5-16-14
Weather: Partly Cloudy 70's

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 27.64 ft.
Length of Water Column (LWC): 37.21 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 955
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	27.7	13.28	7.37	1.20	-73.80	.20	10.77	260	1.004
10	27.7	13.02	7.38	1.20	-75.70	.14	8.16	260	
15	27.7	13.08	7.37	1.20	-74.1	.10	9.85	260	
20	27.7	12.84	7.36	1.20	-73.1	.10	6.95	260	
25	27.7	13.01	7.36	1.20	-71.4	.09	5.81	260	
30	27.7	13.27	7.36	1.20	-70.5	.08	4.92	260	
35	27.7	13.25	7.36	1.20	-69.3	.09	3.38	260	
40	27.7	13.48	7.36	1.20	-68.9	.06	2.89	260	
45	27.7	13.61	7.35	1.20	-67.8	.07	2.64	260	
50	27.7	13.66	7.36	1.20	-66.1	.06	1.55	260	
55	27.7	13.52	7.35	1.20	-65.1	.06	1.67	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1055
Total volume of groundwater purged: 5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.002

Sample ID: SB915-0175-05 Sample Time: 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 3/15/14
Project #: 1163.51008 | Pump/Controller ID#: FLOW902 | Weather: ~80F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 19.27 ft.
Length of Water Column (LWC): 77.23 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 0956

Initial Observations: *Color* Light Brown *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	21.16	12.95	6.86	3.30	-21.80	0.14	92.3	340	1.004
10	21.78	12.56	6.86	3.30	-10.00	0.08	22.0	360	
15	22.08	12.56	6.85	3.30	-7.40	0.07	15.1	360	
20	22.27	12.56	6.85	3.30	-6.40	0.05	15.9	360	
25	22.42	12.75	6.85	3.30	-6.00	0.04	13.3	360	
30	22.50	12.93	6.89	3.30	-6.90	0.04	16.7	360	
35	22.59	12.74	6.88	3.30	-4.90	0.04	12.8	360	
40									
45									
50									
55									
60									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1031

DO Titrataion = mg/L

Total volume of groundwater purged: 3 gal.

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

Specific Gravity 1.002

Sample ID: SB915-0175-03/04 **Sample Time:** 1050

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: (Dup)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: Peri-pump
Pump/Controller ID#: FA0138
Field Personnel: ARP
Date: 5/13/14
Weather: 80° sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 3.07 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:49PM
Initial Observations: *Color* none clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.07	11.44	12.29	32.68	-72.60	.13	2.05	400	1.014
10	3.07	11.00	12.30	33.21	-69.40	.08	1.37	400	
15	3.07	11.37	12.29	33.00	-68.00	.06	.54	400	
20	3.07	11.37	12.30	33.19	-71.90	.02	.36	400	
25	3.07	11.46	12.30	33.05	-68.90	.02	.24	400	
30	3.07	12.55	12.27	32.70	-67.70	-.02	.45	400	
35	3.07	12.56	12.27	32.63	-75.30	-.03	.37	400	
40	3.07	12.66	12.27	32.65	-74.00	-.02	.28	400	
45	3.07	12.86	12.26	32.73	-74.60	-.02	.30	400	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

restart temp

restart temp

*

End Purge Time: 2:17 PM
Total volume of groundwater purged: ~9 gal.
DO Titrataion = mg/L

Final Observations: *Color* CLEAR *Odor* sulfur *Sheen/Free Product* none
Specific Gravity

Sample ID: SB915-0173-03 **Sample Time:** 14:25 PM

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 5.13.14
Weather: ~78°F sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.05 ft.
Length of Water Column (LWC): 38.37 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1248
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.55	16.18	8.34	52.70	-224.90	0.23	10.76	200	1.022
10	17.98	16.27	8.40	51.90	-246.70	0.09	10.56	200	
15	18.48	15.96	8.38	52.20	-255.20	0.06	8.47	200	
20	18.67	16.28	8.31	51.70	-259.20	0.05	8.31	200	
25	18.79	16.14	8.19	51.30	-258.70	0.05	8.18	200	
30	18.86	16.32	8.03	49.80	-256.20	0.04	9.11	200	
35	18.94	16.36	7.89	48.70	-252.80	0.04	9.02	200	
40	19.00	16.27	7.79	46.10	-251.00	0.04	10.84	200	
45	19.10	16.50	7.77	45.60	-248.80	0.03	8.85	200	
50	19.10	16.55	7.66	44.80	-243.40	0.03	9.61	200	
55	19.10	16.67	7.57	42.10	-236.00	0.04	6.87	200	
60	19.10	16.54	7.54	40.80	-232.70	0.03	6.63	200	
65	19.10	16.54	7.51	40.80	-230.20	0.04	6.61	200	
70	19.10	16.65	7.49	40.20	-227.80	0.06	6.54	200	
75	19.10	16.99	7.47	39.90	-226.60	0.03	6.47	200	
80	19.10	16.91	7.46	39.30	-224.40	0.03	6.45	200	
85	19.10	17.17	7.44	38.50	-221.50	0.03	5.75	200	
90	19.10	17.19	7.44	38.50	-221.00	0.03	5.76	200	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1431
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.024

Sample ID: SB915-0173-04 Sample Time: 1445

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri Pump
Pump/Controller ID#:
Field Personnel: TBP KJK
Date: 2/22/14
Weather: Sunny 70's

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 3.00 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:06
Initial Observations: Color clear Odor Sulphur Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.60	11.36	8.19	7.85	-235.4	.01	10.97	380	1.004
10	3.66	10.8	7.97	7.61	-207.4	0	8.41	380	
15	3.74	10.74	7.82	7.73	-189.3	0	4.02	380	
20	3.75	10.66	7.73	7.8	-176.8	0	4.09	400	
25	3.77	10.64	7.65	7.88	-168.2	0	3.29	400	
30	3.79	10.56	7.60	7.88	-161.7	0	4.84	400	
35	3.79	10.62	7.55	7.90	-156.9	0	3.48	400	
40	3.80	10.72	7.52	7.86	-152.7	0	4.03	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:48
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.002

Sample ID: SB915-0180-02 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA 00138
Field Personnel: ~~5/9/14~~ KSK
Date: 5/9/14
Weather: Overcast ~75°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 7.66 ft.
Length of Water Column (LWC): 16.74 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1030
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.31	12.20	6.12	66.29	-62.00	0.56	14.1	260	1.020
10	8.34	12.27	6.13	59.85	-64.70	0.38	13.05	280	
15	8.34	12.39	6.16	57.35	-67.70	0.31	42.4	280	
20	8.34	12.48	6.22	51.90	-71.00	0.29	28.3	280	
25	8.32	12.74	6.26	50.57	-73.60	0.10	20.1	280	
30	8.32	12.81	6.31	44.62	-76.10	0.08	19.9	280	
35	8.31	12.57	6.34	43.03	-77.20	0.06	11.1	280	
40	8.31	12.46	6.37	40.05	-78.80	0.06	12.9	280	
45	8.30	12.40	6.39	38.30	-78.90	0.05	12.96	280	
50	8.30	12.48	6.41	36.00	-79.40	0.05	10.72	280	
55	8.29	12.49	6.44	34.21	-80.60	0.04	9.03	280	
60	8.29	12.42	6.46	32.97	-81.20	0.04	9.85	280	
65	8.28	12.40	6.48	31.50	-81.90	0.03	7.63	280	
70	8.28	12.35	6.49	30.77	-81.30	0.03	9.00	280	
75	8.26	12.43	6.50	29.51	-81.40	0.03	8.51	280	
80	8.26	12.47	6.52	28.46	-81.80	0.03	9.50	280	
85	8.25	12.47	6.52	28.56	-82.20	0.02	9.36	280	
90	8.24	12.72	6.53	27.15	-82.50	0.02	8.74	280	
95	8.24	12.65	6.54	26.32	-82.70	0.02	10.30	280	
100	8.24	12.66	6.55	25.79	-82.70	0.02	11.30	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
Total volume of groundwater purged: 8 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.014

Sample ID: SB915-D107-06 Sample Time: 1236

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: SJW
Date: 5/9/14
Weather: 70s/overcast

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 100.13 ft. bmp.
Depth to Water*: 7.84 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1030
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.85	12.54	10.62	82.10	-78.40	0.44	8.58	300	1.054
10	7.85	12.39	10.45	84.10	-50.10	0.51	76	300	—
15	7.85	12.49	10.46	83.10	-49.20	0.44	23.2	300	—
20	7.85	12.49	10.42	83.00	-40.50	0.18	18.7	300	—
25	7.85	12.67	10.41	82.70	-37.10	0.18	10.77	300	—
30	7.85	12.68	10.41	81.00	-35.50	0.17	5.01	300	—
35	7.85	12.56	10.41	77.00	-34.40	0.12	3.53	300	—
40	7.85	12.59	10.41	77.10	-33.60	0.12	2.55	300	—
45	7.85	12.61	10.41	75.90	-32.60	0.12	2.74	300	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ~5 gal.
Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.050

Sample ID: SB915-0171-01, 02 and 03 Sample Time: 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA 00615
Field Personnel: AKM
Date: 5-9-14
Weather: Sunny 75°

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 7.25 ft.
Length of Water Column (LWC): 91.77 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color Clear Odor None Sheen/Free Product None/None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.25	13.34	6.35	121.90	-5.70	0.28	29.1	300	1.054
10	7.25	13.61	6.39	123.50	-10.00	0.14	20.9	300	1.074
15	7.25	13.59	6.41	122.20	-10.90	0.10	12.2	300	
20	7.25	13.56	6.43	122.00	-11.20	0.09	9.92	300	
25	7.25	13.45	6.44	122.30	-10.80	0.08	8.18	320	1.070
30	7.25	13.55	6.45	122.70	-11.10	0.08	5.44	320	
35	7.25	13.65	6.45	122.30	-11.10	0.07	6.45	320	
40	7.25	14.03	6.46	120.20	-11.30	0.07	3.78	320	
45	7.25	13.79	6.46	122.10	-11.20	0.06	4.65	320	1.072
50	7.25	13.65	6.46	122.20	-11.30	0.06	1.89	320	
55	7.25	13.79	6.46	120.70	-11.50	0.06	1.93	320	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145
DO Titrataion = ___ mg/L
Total volume of groundwater purged: ~25.5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.072

Sample ID: SB915-0171-04, SB915-0171-05 (FD) **Sample Time:** 1218

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111 BR
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5-9-14
Weather: ~80°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 12.00 ft.
Length of Water Column (LWC): 130.75 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1040
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	14.34	14.51	5.61	170.30	33.50	0.53	16.6	200	1.114
10	15.30	14.47	5.98	159.30	-4.00	0.15	11.98	200	
15	15.89	15.59	6.02	154.10	-7.90	0.12	24.90	150	
20	16.34	16.38	6.03	154.30	-11.20	0.11	44.2 *	150	
25	16.28	19.70	6.02	153.60	-14.90	0.13	41.0 *	120	
30	16.42	18.50	6.03	150.40	-18.50	0.12	39.2 *	120	
35	16.60	17.25	6.03	152.20	-18.30	0.13	38.8 *	120	
40	16.89	18.18	6.02	156.20	-22.40	0.13	21.7	120	
45	17.04	18.41	6.03	143.60	-26.10	0.13	16.1	120	
50	17.23	18.84	6.01	147.40	-32.90	0.13	13.7	120	
55	17.40	18.66	6.02	143.90	-38.30	0.11	12.3	120	
60	17.64	17.45	6.02	161.30	-38.80	0.10	11.77	120	
65	17.90	17.43	6.02	159.90	-43.60	0.10	10.88	120	
70	18.01	17.70	6.01	164.20	-49.60	0.08	10.17	120	
75	18.16	18.41	6.01	159.20	-52.80	0.08	10.78	120	
80	18.27	19.01	6.02	149.60	-55.70	0.09	9.90	120	
85	18.45	18.59	6.02	152.30	-55.50	0.08	9.77	120	
90	18.49	19.44	6.01	146.60	-56.90	0.09	9.32	120	
95	18.62	19.08	6.02	148.40	-55.80	0.08	10.69	120	
100	18.62	19.48	6.02	141.90	-56.10	0.08	9.83	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1242
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.116

Sample ID: SB915-0171-07 **Sample Time:** 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * High turb. due to suspended NaCl

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-111BR
Northing: —
Easting: —

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Dansity)
Continued from previous page.									
105	18.65	20.04	6.02	141.50	-57.10	0.08	8.95	120	
110	18.70	19.01	6.03	155.60	-54.10	0.07	8.64	120	
115	18.74	19.30	6.02	155.10	-54.80	0.09	8.99	120	
120	18.82	19.53	6.03	152.30	-54.00	0.09	8.74	120	1.116

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-113S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: F A 001.38
Field Personnel: KK / TP
Date: 5/22/14
Weather: Scattered Showers ~65°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 27.37 ft. bmp.
Depth to Water*: 8.51 ft.
Length of Water Column (LWC): 18.86 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1016
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.96	12.30	11.89	29.58	-230.50	+0.00	79.1	220	1.004
10	10.28	12.13	11.56	31.46	-166.20	0.00	115	220	
15	10.45	12.09	11.45	32.42	-149.30	0.00	103.1	240	
20	10.57	12.19	11.40	32.75	-148.00	0.00	67.1	240	
25	10.55	12.56	11.39	32.71	-150.50	0.00	65.8	240	
30	10.60	13.01	11.37	32.44	-147.00	0.00	56.15	240	
35	10.64	13.16	1136	32.40	-142.80	0.00	51.7	240	
40	10.68	12.96	11.36	32.53	-137.40	0.00	43.8	240	
45	10.70	12.85	11.37	32.53	-134.40	0.00	42.1	240	
50	10.75	12.70	11.37	32.64	-129.70	0.00	38.8	240	
55	10.77	12.70	11.37	32.75	-126.00	0.00	38.2	240	
60	10.77	12.62	11.35	32.89	-124.20	0.00	42.7	240	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1116
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color clear with white flakes Odor None Sheen/Free Product None
Specific Gravity 0.016

Sample ID: SB915-0180-01 Sample Time: 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: (1326)

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112 S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: -
Field Personnel: JWB
Date: 5.13.14
Weather: ~75°F Sun/Clouds

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.25 ft. bmp.
Depth to Water*: 12.61 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.84	12.47	11.00	9.30	-23.60	2.77	5.37	220	1.004
10	14.25	12.71	10.93	9.30	-26.70	2.86	5.53	200	
15	14.43	12.70	10.89	9.40	-16.10	2.92	4.17	200	
20	14.45	13.15	10.88	9.40	-5.90	2.52	3.10	160	
25	14.50	13.52	10.84	9.40	-2.50	2.45	2.99	160	
30	14.53	13.29	10.85	9.40	1.10	2.52	2.64	160	
35	14.58	13.16	10.89	9.30	2.00	2.39	2.27	160	
40	14.70	13.23	10.89	9.30	3.30	2.21	2.53	160	
45	14.75	13.25	10.89	9.50	3.00	2.18	3.11	160	
50	14.75	13.38	10.88	9.60	3.00	2.17	3.71	160	
55	14.78	13.37	10.87	9.50	5.00	2.09	3.24	160	
60	14.80	13.06	10.86	9.70	5.40	1.99	3.54	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1100
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity ____

Sample ID: SB915-0173-02 Sample Time: 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic pump
Pump/Controller ID#:
Field Personnel: ARP
Date: 5/13/14
Weather: 70° sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 58.54 ft. bmp.
Depth to Water*: 15.52 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 9:55 AM
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.52	13.23	6.20	83.87	-5.60	0.13	42.3	300	1.042
10	15.56	13.30	6.20	82.40	-4.80	0.11	21.7	300	
15	15.56	13.15	6.20	82.46	-3.90	.09	16.2	300	
20	15.56	13.07	6.20	80.58	-2.70	.08	11.7	300	
25	15.56	13.13	6.20	79.76	-1.90	.07	10.2	300	
30	15.56	13.13	6.20	79.42	-1.10	.07	8.21	300	
35	15.56	13.21	6.20	79.64	-.50	.06	7.51	300	
40	15.56	13.22	6.20	79.33	.30	.06	6.44	300	
45	15.56	13.23	6.20	78.55	.70	.06	5.79	300	
50	15.56	13.11	6.20	77.71	1.10	.06	5.22	300	
55	15.56	13.02	6.20	77.77	1.50	.06	5.43	300	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:45
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: Color none Odor none Sheen/Free Product none
Specific Gravity

Sample ID: SB915-0173-01 Sample Time: 10:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115DR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: LOW flow
Equipment Used: Pen
Pump/Controller ID#:
Field Personnel: STW
Date: 5/8/14
Weather: 60s/SUN

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.92 ft. bmp.
Depth to Water*: 7.71 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1030
Initial Observations: Color Clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.88	12.73	6.72	35.10	-43.60	0.64	2.90	280	1.020
10	7.92	12.44	6.70	35.10	-3.10	0.32	2.12	300	—
15	7.98	12.38	6.69	35.10	0.50	0.21	3.96	300	—
20	7.95	12.42	6.70	35.00	-1.70	0.13	4.84	300	—
25	7.95	12.40	6.69	35.40	0.10	0.09	7.73	300	—
30	7.95	12.21	6.68	43.80	-0.60	0.06	9.88	300	—
35	7.95	12.24	6.66	53.00	-1.60	0.06	7.80	300	—
40	7.95	12.39	6.67	50.00	-2.50	0.06	6.44	300	—
45	7.95	12.47	6.67	58.10	-2.60	0.05	5.10	300	—
50	7.95	12.54	6.67	58.80	-2.30	0.05	4.51	300	—
55	7.95	12.57	6.67	59.00	-1.60	0.05	5.14	300	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125
Total volume of groundwater purged: ~6 gal.
DO Titrataion = 1028 mg/L

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity 1.028

Sample ID: SB915-~~MW-115DR~~0170-03 Sample Time: 1141

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKM
Site Location: Camillus, NY | Equipment Used: peristaltic | Date: 5.8.14
Project #: 1163.51008 | Pump/Controller ID#: FA-00615 | Weather: 65° Sunny

Well information:
Installed Depth of Well*: [redacted] ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 3.80 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1028
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.91	11.27	7.00	3.80	-49.30	0.10	12.4	320	1.006
10	5.0	10.99	7.14	1.80	-10.00	0.03	2.88	340	1.004
15	5.05	10.94	7.15	1.70	1.20	0.01	1.33	360	1.004
20	5.11	10.94	7.16	1.60	4.20	0.00	1.51	360	
25	5.11	10.99	7.17	1.50	5.20	-0.00	1.23	400	1.002
30	5.14	11.08	7.18	1.40	6.00	-0.00	0.87	400	
35	5.15	11.01	7.19	1.30	6.60	-0.01	1.03	400	
40	5.16	11.01	7.20	1.20	8.00	-0.00	0.72	400	
45	5.18	11.00	7.20	1.10	9.40	-0.00	0.79	400	
50	5.21	11.08	7.22	1.00	9.80	0.00	0.85	400	1.002
55	5.22	10.92	7.22	1.00	10.40	0.01	0.56	400	1.002
60	5.24	10.94	7.22	0.90	11.30	0.01	0.76	400	
65	5.24	10.88	7.23	0.90	11.80	0.02	0.26	400	
70	5.24	[redacted]	7.22	0.90	13.50	0.05	0.71	400	
75	5.24	11.36	7.22	0.80	13.90	0.06	0.89	400	
80	5.26	11.35	7.23	0.80	14.50	0.08	0.71	400	1.002
85	5.26	11.42	7.22	0.80	15.00	0.08	0.56	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ~10 gal.

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.002

Sample ID: SB915-0170-01 **Sample Time:** 1208

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5-8-14
Weather: ~65°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 24.70 ft. bmp.
Depth to Water*: 6.44 ft.
Length of Water Column (LWC): 18.26 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1025
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.75	11.59	6.86	15.50	-4.10	0.13	36.3	240	1.008
10	8.23	11.35	6.86	15.80	-7.60	0.05	35.7	240	
15	9.57	11.59	6.86	15.90	-7.20	0.05	33.4	240	
20	10.05	12.01	6.87	16.00	-1.20	0.04	32.6	240	
25	10.25	12.32	6.88	15.50	-0.70	0.03	31.9	240	
30	10.64	12.41	6.89	14.80	-1.10	0.02	31.8	240	
35	10.92	12.51	6.92	14.50	-3.10	0.02	31.6	240	
40	11.15	12.74	6.93	13.70	-4.70	0.05	30.5	240	
45	11.05	13.06	6.96	13.30	-6.50	0.11	36.0	220	
50	10.95	13.04	6.98	12.40	-8.90	0.11	36.3	240	
55	11.12	13.14	6.99	12.20	-10.10	0.16	28.8	240	
60	11.17	13.02	7.01	11.70	-11.10	0.22	27.8	240	
65	11.22	13.04	7.02	11.50	-11.90	0.31	22.5	240	
70	11.17	13.25	7.03	11.20	-13.70	0.31	22.9	240	
75	11.15	13.29	7.04	11.00	-14.50	0.36	22.3	240	
80	11.12	13.42	7.05	10.90	-14.60	0.45	21.5	240	
85	11.10	13.51	7.06	10.60	-17.20	0.37	21.4	240	
90	11.10	13.50	7.07	10.30	-18.80	0.30	17.3	240	
95	11.05	13.55	7.07	10.50	-17.60	0.42	19.6	240	
100	11.00	13.57	7.08	10.20	-20.80	0.31	18.8	240	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1206
Total volume of groundwater purged: ~8 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.004

Sample ID: SB915-0170-02 Sample Time: 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00729
Field Personnel: AKM
Date: 5-7-14
Weather: Sunny 65°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 3.50 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1000
Initial Observations: Color clear Odor none Sheen/Free Product none / none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.50	10.81	6.86	20.20	-37.30	0.05	21.9	300	1.010
10	5.10	10.43	6.99	9.01	-47.70	0.02	5.00	320	1.006
15	5.40	10.10	7.00	8.43	-34.60	0.02	3.20	300	1.004
20	5.84	10.12	6.97	8.72	-25.60	0.20	1.60	300	
25	5.95	10.31	6.95	9.26	-34.00	0.68	1.46	300	
30	6.12	10.34	6.95	9.30	-37.00	0.76	1.44	320	1.006
35	6.38	10.38	6.98	9.42	-37.20	0.78	1.42	320	
40	6.6	10.37	6.97	9.58	-37.00	0.65	2.81	320	
45	6.82	10.33	6.96	9.74	-34.90	0.45	1.77	320	1.004
50	7.00	10.24	6.96	9.96	-26.90	0.31	2.20	320	
55	7.16	10.28	6.95	10.37	-21.50	0.22	2.32	340	1.004
60	7.41	10.38	6.96	11.09	-16.40	0.15	3.02	320	
65	7.58	10.39	6.95	11.37	-13.10	0.11	2.70	300	1.006
70	7.70	10.34	6.97	11.53	-11.20	0.09	2.95	300	
75	7.81	10.19	6.96	11.52	-9.30	0.07	2.68	300	
80	7.92	10.31	6.96	11.53	-7.20	0.05	2.59	300	
85	8.09	10.29	6.97	11.54	-5.30	0.02	3.09	300	1.004
90	8.16	10.31	6.97	11.81	-380	-0.00	3.10	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = — mg/L
Total volume of groundwater purged: 28 gal.
Final Observations: Color clear Odor none Sheen/Free Product none / none
Specific Gravity 1.004

Sample ID: SB915-0169-02 Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 5-7-14
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~50°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 0.84 ft.
Length of Water Column (LWC): 59.04 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 0951
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	0.84	11.76	6.93	12.00	-38.70	0.23	48.0	400	1.006
10	0.84	11.86	6.93	12.00	-30.50	0.19	29.0	400	
15	0.84	11.91	6.93	11.90	-28.00	0.16	20.8	400	
20	0.84	11.98	6.93	11.90	-26.60	0.14	13.6	400	
25	0.84	12.10	6.93	11.90	-25.70	0.13	9.96	400	
30	0.84	12.15	6.93	11.80	-25.90	0.12	5.97	400	
35	0.84	12.19	6.93	11.80	-25.40	0.10	4.78	400	
40	0.84	12.28	6.94	11.80	-25.20	0.09	4.46	400	
45	0.84	12.29	6.94	11.70	-25.80	0.08	3.33	400	
50	0.84	12.47	6.94	11.60	-26.90	0.07	5.03	400	
55	0.84	12.50	6.94	11.50	-26.10	0.06	7.11	400	
60	0.84	12.60	6.94	11.50	-27.80	0.06	7.42	400	
65	0.84	12.61	6.94	11.60	-26.40	0.05	6.53	400	
70	0.84	12.56	6.94	11.60	-25.30	0.05	3.59	400	
75	0.84	12.56	6.94	11.50	-25.50	0.05	3.75	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.006

Sample ID: SB915-0169-01 **Sample Time:** 1125

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 5/14/14
Project #: 1163.51008 | Pump/Controller ID#: FA0902 | Weather: Sunny ~75°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 6.88 ft.
Length of Water Column (LWC): 13.17 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1042
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.35	13.48	6.47	29.65	-3.10	0.77	4.40	140	0.014
10	7.60	13.11	6.48	29.78	0.70	0.54	3.72	160	
15	7.82	13.15	6.49	29.43	5.90	0.37	3.47	160	
20	8.03	12.83	6.53	27.79	13.80	0.28	5.23	200	
25	8.20	13.15	6.58	24.79	16.80	0.41	2.88	200	
30	8.35	13.02	6.62	22.39	18.10	0.61	2.90	220	
35	8.55	12.90	6.65	21.06	19.30	0.71	2.32	220	
40	8.73	12.83	6.65	20.82	19.90	0.70	1.56	220	
45	8.91	13.04	6.65	20.85	21.10	0.63	1.48	220	
50	9.05	13.24	6.65	20.70	22.00	0.54	0.93	220	
55	9.23	13.20	6.65	20.78	22.60	0.45	1.01	220	
60	9.38	13.20	6.65	20.79	22.50	0.36	0.95	220	
65	9.54	13.20	6.64	20.93	21.60	0.29	0.76	220	
70	9.70	13.18	6.63	21.01	20.00	0.24	0.44	220	
75	9.85	13.26	6.62	21.17	18.30	0.20	0.39	220	
80	9.97	13.29	6.62	21.12	16.60	0.17	0.40	220	
85	10.09	13.29	6.62	21.27	14.60	0.16	0.47	220	
90	10.22	13.50	6.61	21.19	12.20	0.14	0.34	220	
95	10.30	13.56	6.61	21.38	9.80	0.14	0.28	220	
100	10.41	13.38	6.61	21.54	7.80	0.14	0.51	220	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1222
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.010

Sample ID: SB915-0174-01 Sample Time: 1250

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-1MW-025
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: CAH TBD
Date: 5/27/14
Weather: 70's Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 3.62 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:25
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
6.41 ~~5~~	~~14.35~~	14.35	6.44	56.1	-1.60	.07	23.5	~~300~~	1.029
10	7.14	13.71	6.43	57.1	-1.40	.03	14.3	320	
~~15~~									
15 ~~20~~	8.59	13.14	6.42	56.6	1.7	.01	11.56	320	
20 ~~25~~ ~~10~~	8.76	12.93	6.41	56.6	4.5	.01	9.97	320	
25 ~~30~~ ~~15~~	9.17	12.49	6.41	57.4	4.3	.01	11.77	320	
30 ~~35~~ ~~20~~	9.34	12.75	6.41	57.46	3.5	.01	13.6	320	
35 ~~40~~ ~~25~~	9.49	13.07	6.41	57.5	2.20	0.00	28.6	320	
40 ~~45~~ ~~30~~	9.64	13.23	6.41	57.70	1.20	0.00	39.0	320	
45	9.78	13.36	6.41	57.50	.80	0.00	35.2	320	
50	9.80	13.20	6.41	58.10	0.50	0.00	44.3	320	
55	9.86	13.34	6.41	58.6	.20	0.00	45.2	320	
60	9.96	~~6.44~~ 13.34	6.41	58.8	.10	0.00	52.8	320	
65	~~10~~.05	13.03	6.41	58.9	.20	0.00	55.41	320	
70	10.12	13.10	6.41	59.1	-.2	0.00	79.1	320	
75	10.14	13.30	6.41	58.8	0.00	0.00	77.3	320	
80	10.17	13.22	6.41	59.3	.10	0.00	101.5	320	
85	10.19	13.37	6.41	59.0	0.00	0.00	125	320	
90	10.20	13.0	6.41	59.90	0.40	0.00	90.6	320	
95	10.2	13.16	6.41	59.6	.20	0.00	191	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~13~~18
Total volume of groundwater purged: 19 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.026

Sample ID: SB915-0182-01 Sample Time: 14:05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915 IMW-02S
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
100	10.18	13.06	6.40	59.90	.30	0.00	~~752~~ 174	320	
105	10.12	13.33	6.40	60.00	-.00	0.00	675 AV	320	
110	10.10	13.13	6.41	59.60	-.10	0.00	601 AV	320	
115	10.10	13.32	6.40	59.9	-.20	0.00	168	320	
120	10.08	13.33	6.41	59.3	-0.00	0.00	201	320	
125	10.05	13.25	6.41	59.3	.10	0.00	150	320	
130	10.01	13.38	6.41	59.4	.20	0.00	145	320	
135	9.94	13.29	6.40	60.1	.30	0.00	124	320	
140	9.90	13.39	6.40	59.9	.50	0.00	121	320	
145	9.85	13.74	6.41	59.4	.60	0.00	114	320	
150	9.80	13.74	6.41	59.6	1.0	0.00	119	320	
155	9.75	13.50	6.41	59.5	1.10	0.00	110	320	
160	9.72	13.70	6.40	59.8	1.00	0.00	92.4	320	
165	9.68	13.30	6.41	59.4	1.40	0.00	90.9	320	
170	9.68	13.48	6.41	59.4	1.60	0.00	81.0	320	
175	9.62	13.75	6.41	59.50	1.60	0.00	96.8	320	
180	9.55	13.48	6.41	59.7	2.10	0.00	71.1	320	
185	9.48	14.07	6.40	59.7	1.90	0.00	68.2	320	
190	9.42	13.96	6.41	59.0	2.40	0.00	60.0	320	
195	9.42	14.12	6.41	58.7	2.40	0.00	69.0	320	
	9.40	14.09	6.41	58.9	2.50	0.00	62.0	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DID NOT RECORD →

Notes:

Page _____ of _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-035
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: TSP
Date: 5/23/14
Weather: Cloudy / 50's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 6.60 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.39	11.73	6.23	79.5	-84.9	.38	4.64	140	1.036
10	7.78	11.48	6.23	~~79.90~~	~~-80.5~~	.0813	3.78	140	
15	8.00	11.45	6.23	80.00	-80.80	.08	4.45	120	
20	8.19	11.41	6.24	79.30	-79.50	.06	5.47	120	
25	8.4	11.43	6.26	75.6	-80.0	.06	7.92	120	
30	8.5	11.39	6.3	70.10	-81.0	.05	6.84	100	
35	8.65	11.41	6.32	66.9	-79.3	.05	12.9	100	
40	8.8	11.4	6.33	65.8	-77.0	.04	17.7	100	
45	8.94	11.29	6.33	66.0	-75.5	.04	12.30	100	
50	9.05	11.31	6.32	66.5	-74.1	.04	11.0	100	
55	9.19	11.25	6.32	66.6	-72.8	.04	9.04	100	
60	9.37	11.22	6.32	67.00	-71.6	.04	13.4	100	
65	9.37	11.20	6.31	67.6	-70.6	.04	8.73	100	
70									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1157
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.030

Sample ID: SB915-0181-04 /05 (FD) **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#: —
Field Personnel: JWB
Date: 5.23.14
Weather: ~60°F Cloudy

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 17.80 ft. bmp.
Depth to Water*: 8.83 ft.
Length of Water Column (LWC): 8.97 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1100

Initial Observations: *Color* B.V. light Gray *Odor* Slight Sulfur *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.45	10.63	7.55	~~6.90~~	-142.80	0.16	19.3	220	1.006
10	8.47	10.08	7.51	7.00	-134.80	0.09	11.8	220	
15	8.55	10.06	7.22	6.70	-119.20	0.06	6.73	220	
20	8.63	10.06	7.03	6.40	-105.20	0.07	5.97	220	
25	8.65	10.11	7.01	6.50	-99.70	0.07	5.10	220	
30	8.68	10.14	7.02	6.70	-97.50	0.07	5.05	220	
35	8.69	10.07	7.04	6.80	-95.50	0.06	4.18	220	
40	8.69	10.07	7.07	6.90	-94.30	0.06	4.38	220	
45	8.69	10.04	7.10	6.90	-93.30	0.06	4.93	220	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1146

DO Titrataion = ____ mg/L

Total volume of groundwater purged: 3.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

Specific Gravity 1.004

Sample ID: SB915-0181-01, 02(ms), 03(msd) **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-~~MW~~-05S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri Pump
Pump/Controller ID#:
Field Personnel:
Date:
Weather: Sunny 60's

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 3.78 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1135
Initial Observations: Color Odor Sheen/Free Product

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
5	~~3~~.22	12.12	11.09	21.7	-191.2	.02	11.6	400	1.010
10	4.17	12.49	11.13	21.4	-190.0	~~.01~~ 0	4.63	380	
15	4.17	12.43	11.25	21.4	-189.3	~~.02~~ 0	2.47	380	
20	4.17	12.59	11.29	21.4	-188.8	~~.03~~ 0	1.86	380	
25	4.17	12.63	11.33	21.5	-187.9	0	1.98	380	
30	4.17	12.66	11.36	21.5	-185.9	0	2.13	380	
35	4.17	12.42	11.39	21.4	-183.6	0	2.08	380	1.012
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.012

Sample ID: SB915-0177-04 Sample Time: 12:32

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915MW-06S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: LOWFLOW
Equipment Used: Peri
Pump/Controller ID#: EA001015
Field Personnel: SJW
Date: 5/19/14
Weather: 70/Sun

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 3.32 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1135
Initial Observations: Color Clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.71	11.65 ~~12.45~~	12.45	14.70	-172.10	0.11	4.74	390	~~1.016~~
10	3.73	11.74	12.42	14.86	-170.70	0.07	2.76	390	—
15	3.73	11.82	12.41	14.89	-170.10	0.04	2.69	390	—
20	3.73	11.87	12.41	14.88	-170.40	0.02	2.17	390	—
25	3.73	11.92	12.41	14.97	-171.90	0.00	2.12	390	—
30	3.73	11.97	12.42	15.01	-170.50	-0.01	2.21	390	—
35	3.73	11.96	12.42	15.07	-171.50	-0.01	1.80	390	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
Total volume of groundwater purged: ~5 gal.

DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor none Sheen/Free Product none
Specific Gravity ____

Sample ID: SB915-0177-03 Sample Time: 1222

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 5-20-14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.86 ft. bmp.
Depth to Water*: 4.16 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1330
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.23	11.29	12.68	9.00	-41.80	2.10	0.24	~~0.24~~ 500	1.002
10	4.23	11.42	12.66	9.00	-31.10	2.02	0.31	500	
15	4.23	11.29	12.66	9.00	-23.70	2.00	0.37	500	
20	4.23	11.25	12.65	9.00	-19.20	2.00	0.31	500	
25	4.23	10.92	12.65	9.00	-15.40	2.00	0.30	500	
30	4.23	11.01	12.64	9.00	-13.10	2.01	0.27	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1401
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.002

Sample ID: SB915-0178-09 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#: FA00771 / FA00635
Field Personnel: JWB
Date: 5.20.14
Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 22.90 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1124
Initial Observations: Color Clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	24.05	14.93	11.56	58.00	-174.60	0.41	13.7	280	1.028
10	24.05	15.30	11.56	58.70	-174.10	0.37	17.6	280	
15	24.18	15.39	11.55	60.40	-177.80	0.34	15.4	280	
20	24.05	15.59	11.54	61.80	-182.00	0.31	9.94	280	
25	24.05	15.75	11.53	62.90	-183.50	0.28	8.85	280	
30	24.53	15.26	11.54	63.60	-186.40	0.25	6.74	420	
35	24.55	15.15	11.55	64.20	-187.40	0.21	5.47	420	
40	24.55	15.29	11.55	63.90	-187.90	0.18	4.79	420	
45	24.55	15.08	11.56	63.90	-188.10	0.15	2.68	420	
50	24.55	15.21	11.55	64.60	-188.90	0.12	2.19	420	
55	24.55	15.47	11.54	65.00	-190.20	0.10	2.01	420	
60	24.55	15.62	11.54	65.40	-191.10	0.08	1.21	420	
65	24.55	15.75	11.54	65.90	-191.60	0.07	1.21	420	
70	24.55	15.78	11.54	66.00	-191.60	0.05	0.73	420	
75	24.55	15.66	11.54	66.00	-192.30	0.05	0.58	420	
80	24.55	15.57	11.54	66.40	-191.40	0.04	0.56	420	
85	24.55	15.66	11.53	66.20	-190.60	0.03	0.48	420	
90	24.48	15.87	11.53	66.30	-192.50	0.02	0.43	420	
95	24.48	16.03	11.53	66.60	-192.60	0.01	0.41	420	
100	24.48	15.97	11.53	66.60	-193.10	0.00	0.75	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1318
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity ____

Sample ID: SB915-0178-05, 06(MS), 07(MSD) Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB315-PZ-07I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Density)
Continued from previous page.									
105	24.48	16.11	11.53	66.80	-194.20	0.00	0.41	420	
110	24.48	16.02	11.53	66.60	-193.90	0.00	0.35	420	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low-flow
Equipment Used: grund-fos
Pump/Controller ID#: FA00503 / FA0823
Field Personnel: ARP
Date: 5/20/14
Weather: 70° sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 30.61 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:33 AM
Initial Observations: *Color* ~~clear~~ / cloudy *Odor* NONE *Sheen/Free Product* NONE
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	33.81	16.51	12.04	57.20	-174.80	.56	18.9	200	1.028
10	33.94	17.57	12.03	54.80	-171.90	.67	50.8	160	
15	34.02	16.69	12.06	52.70	-172.00	.74	74.3	220	
20	34.82	16.14	12.07	54.10	-174.10	.78	27.5	180	
25	35.06	17.79	12.05	48.70	-164.30	1.36	11.7	160	
30	35.21	17.32	12.06	49.20	-163.00	1.56	14.8	160	
35	35.14	17.01	12.06	52.10	-168.70	1.39	24.1	160	
40	35.14	16.86	12.04	55.40	-175.90	0.98	21.8	160	
45	35.14	17.35	12.02	56.60	-180.30	0.71	17.2	160	
50	34.91	17.17	12.02	59.80	-183.40	0.62	13.4	160	
55	34.91	17.19	12.01	59.20	-188.00	0.50	11.5	160	
60	34.91	17.08	12.01	60.20	-190.70	0.41	20.8	160	
65	34.91	17.48	12.00	61.40	-194.50	0.31	15.5	160	
70	34.91	17.25	12.00	62.00	-197.00	0.27	11.2	160	
75	34.91	17.38	11.99	63.30	-198.30	0.24	12.4	160	
80	34.91	17.71	11.98	63.80	-200.50	0.22	17.5	160	
85	34.91	17.43	11.99	64.40	-202.00	0.20	6.59	160	
90	34.91	17.52	11.98	65.10	-205.10	0.18	4.29	160	
95	34.91	17.30	11.98	65.90	-207.20	0.15	5.67	160	
100	34.91	17.53	11.98	66.30	-208.10	0.14	6.28	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:35 PM
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* cloudy *Odor* None *Sheen/Free Product* Some sheen
Specific Gravity 1.030

Sample ID: SB915-~~PZ-07D~~-08 **Sample Time:** 13:50 PM

Analytical Parameters: ~ 0178 -

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB115-PZ-17D
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	34.91	17.53	11.97	67.40	-211.50	0.10	4.17	160	
110	34.90	17.50	11.97	67.10	-213.50	0.08	2.83	160	
115	34.91	17.57	11.96	68.00	-215.10	0.08	2.42	160	
A 120	34.91	17.74	11.96	68.90	-217.10	0.08	2.05	160	1.030

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: MW18-MW-140
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JLB
Date: 5-22-14
Weather: ~70°F Sunny/clouds

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 4.57 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1039
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.50	13.68	6.29	70.20	-75.70	0.04	12.9	220	1.030
10	7.75	13.56	6.26	70.60	-64.30	0.02	10.85	220	
15	9.38	13.49	6.25	70.50	-56.50	0.00	12.90	220	
20	10.10	13.31	6.24	70.30	-51.90	0.00	19.20	220	
25	10.85	13.09	6.23	70.80	-48.20	0.00	22.50	220	
30	11.32	13.03	6.23	70.60	-45.20	0.00	25.1	220	
35	[illegible]	13.14	6.22	70.60	-42.70	0.00	28.7	220	
40	12.35	13.26	6.22	70.40	-40.10	0.00	37.0	220	
45	12.70	13.46	6.22	70.10	-37.60	0.00	33.9	220	
50	12.85	13.55	6.21	70.00	-35.80	0.00	34.7	220	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.030

Sample ID: SB915-0180-04 Sample Time: 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB19-MW-14BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: peri pump
Equipment Used: low flow
Pump/Controller ID#:
Field Personnel: ARP
Date: 5/22/14
Weather: light rain 60°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 7.90 ft.
Length of Water Column (LWC): 112.79 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:40AM
Initial Observations: Color Cloudy Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.96	12.82	6.66	208.70	-43.70	0.08	33.1	320	1.130
10	7.96	12.80	6.68	201.90	-43.00	0.07	21.7	320	
15	7.96	12.80	6.69	200.70	-41.10	0.06	37.5	320	
20	7.96	12.70	6.69	201.10	-36.60	0.05	33.3	320	
25	7.96	12.67	6.68	198.50	-30.40	0.05	61.2	320	
30	7.96	12.57	6.67	199.80	-26.90	0.04	58.1	320	
35	7.96	12.52	6.67	196.30	-24.60	0.04	18.5	320	
40	7.96	12.56	6.66	197.30	-22.70	0.04	26.3	320	
45	7.96	12.58	6.66	199.20	-21.60	0.04	18.89	320	
50	7.96	12.68	6.65	199.10	-20.20	0.05	17.9	320	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:30
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.120

Sample ID: SB915-0180-06 Sample Time: 11:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

APPENDIX B

3rd Quarter 2014 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: bailer
Equipment Used: bailer
Pump/Controller ID#:
Field Personnel: AKK/CAH
Date: 9-2-14
Weather: Muggy 75°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 57.78 ft.
Length of Water Column (LWC): 7.22 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
10:17 am	57.78	15.30	7.80	0.77	68.8	4.13	1.09	—	1.004
10:23am	57.86	14.30	7.41	0.84	36.1	4.52	40.50	—	
10:30am	57.81	13.08	7.25	0.90	35.0	5.20	127	—	
10:37am	57.80	13.4	7.15	0.92	27.1	3.93	127	—	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

7.22 x 0.163 = 1.18 g

End Purge Time:
DO Titrataion = — mg/L
Total volume of groundwater purged: 4.5 gal.
Final Observations: Color cloudy Odor none Sheen/Free Product ~~none~~ some particles floating
Specific Gravity 1.002

Sample ID: SB915-0201-01 Sample Time: 1100

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105RR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00636 / FA01449
Field Personnel: AKK / CAH
Date: 8.29.14
Weather: 72° / Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.00 ft. bmp.
Depth to Water*: 58.28 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 0943
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	58.45	12.63	7.60	0.73	2.90	3.40	2.44	340	1.002
10	—	13.20	7.53	0.75	-11.50	3.09	—	—	
15	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—
25	58.45	14.61	7.59	0.79	-12.20	2.88	5.38	420	1.000
30	58.40	14.95	7.51	0.81	-10.90	2.20	3.66	200	
35	58.35	15.12	7.48	0.81	-14.60	3.39	2.72	—	
40	58.34	14.89	7.48	0.81	-18.50	8.87	2.42	—	
45	58.34	14.38	7.49	0.81	-19.60	8.11	2.59	—	
50	58.35	14.73	7.48	0.82	-18.50	1.86	2.80	—	
55	58.35	14.80	7.47	0.82	-12.00	3.92	2.80	—	
60	58.35	15.04	7.47	0.82	-10.90	2.57	2.26	—	
65	—	—	—	—	—	—	—	—	
70	—	—	—	—	—	—	—	—	
75	—	—	—	—	—	—	—	—	
80	58.4	16.46	7.58	0.90	5.20	1.47	4.05	360	1.000
85	58.4	17.04	7.46	0.88	-1.10	1.27	2.14	260	
90	58.4	15.65	7.45	0.87	-19.10	0.90	2.83	160	
95	58.4	15.57	7.44	0.87	-17.70	0.96	4.23	100	
100	58.35	16.10	7.44	0.87	-14.70	1.03	4.11	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1135
DO Titrataion = — mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.000 Unable to sample flow recedes preventing flow once disconnected from flow through cell
Sample ID: ~~SB915-0000-02~~ Sample Time:

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory
105					
110					
115					
120					

	Temp	pH	Spec Cond	ORP	DO	Turb	Flow	Spec Grav
105	58.35	16.19	7.44	0.87	-14.50	1.02	4.09	100	
110	58.35	15.75	7.43	0.87	-8.40	1.00	3.43	100	1.000

Notes: pump may not have been issue as problem continues. Flows good for 30sec and then pauses and the flows again. Hz on control box continues to flux. CAH went back to get new control box. Low Flow continued until he returns. Flow not consistent, so was not recorded during this wait time.
* after new control box + 3rd pump → well is acting the same 7/2/2014

pump died
new pump **
New control box & 3rd pump #
Trip blank
Dup

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-850
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used:
Pump/Controller ID#: FA00139
Field Personnel: CAH + AKK
Date: 8-29-14
Weather: Sun, 75, buggy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.75 ft. bmp.
Depth to Water*: ~~12.57~~ 12.99 ft
Length of Water Column (LWC): ~~60.18~~ in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: ~~1345~~ 1350
Initial Observations: Color [redacted] Odor none Sheen/Free Product none
Some cloudiness
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
~~5~~	~~11.55~~	~~12.57~~	~~6.74~~	~~15.21~~	~~4.40~~	~~0.05~~	~~60.2~~	~~360~~	~~1.006~~
~~10~~	~~11.55~~	~~12.33~~	~~6.67~~	~~15.32~~	~~6.10~~	~~0.03~~	~~15.5~~	360	
~~15~~	11.55	~~12.30~~	~~6.64~~	~~15.37~~	~~7.10~~	0.03	9.10	360	
~~20~~	11.55	~~12.22~~	~~6.62~~	~~15.35~~	~~7.90~~	~~0.02~~	4.07	360	
~~25~~	~~11.55~~	~~12.20~~	6.61	15.33	8.50	0.02	~~2.32~~	~~360~~	
~~30~~	11.55	12.30	6.61	15.22	8.80	0.01	1.26	360	~~1.006~~
[redacted]									
5	13.00	13.39	6.37	107.89	-66.80	0.12	23.8	220	1.058
10	13.00	12.89	6.47	107.62	-70.20	0.05	18.2	360	
15	13.00	12.84	6.52	107.89	-72.70	0.04	15.2	360	
20	13.00	12.85	6.55	107.41	-74.00	0.03	6.93	360	
25	13.00	12.86	6.57	106.87	-74.60	0.03	4.06	380	
30	13.00	12.86	6.58	106.86	-75.40	0.03	2.86	380	1.058
35									
40									
45									
50									
55									
60									
65									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

MW-855 well cap MIS labeled

MW-85D

End Purge Time: [redacted] 1421
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = — mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity [redacted] 1.058

Sample ID: SB915-[redacted]0200-01, -02, and -03 **Sample Time:** [redacted] 1445

Analytical Parameters:

Container Size	Container Type	# Collected (MS) (MSD)	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date: 8.29.14
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.70 ft. bmp.
Depth to Water*: dry ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:

Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
A dry									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:

DO Titrataion = mg/L

Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*

Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR
Northing: _____
Easting: _____

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: _____
Equipment Used: _____
Pump/Controller ID#: _____
Field Personnel: _____
Date: 8-29-14
Weather: _____

Well information:

Installed Depth of Well*: ~~34.70~~ ft. bmp.
Measured Depth of Well*: ~~33.53~~ ft. bmp.
Depth to Water*: 33.53 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-JMW-02S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8.28.14
Weather: ~68°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 5.91 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1048
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.01	16.46	6.53	50.21	-34.80	0.11	6.20	240	1.024
10	8.55	16.21	6.38	50.58	-29.40	0.06	3.39	240	
15	9.81	16.19	6.33	50.21	-25.90	0.04	3.45	240	
20	10.20	16.00	6.31	50.02	-22.50	0.03	4.35	240	
25	10.10	16.45	6.29	51.10	-20.60	0.06	6.17	160	
30	10.10	16.35	6.28	50.99	-18.90	0.04	3.84	220	
35	10.15	16.14	6.28	51.35	-17.60	0.03	4.16	220	
40	10.22	16.01	6.27	51.59	-16.60	0.03	7.20	220	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.0 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.024

Sample ID: SB915-0199-01,02(FD) Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.28.14
Weather: ~72°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 8.45 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1225
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.50	16.51	6.16	65.09	-86.50	0.08	9.67	220	1.034
10	10.23	15.62	6.13	64.89	-88.60	0.04	11.0	220	
15	10.60	15.51	6.21	63.53	-95.60	0.03	17.2	220	
20	10.85	16.64	6.22	50.56	-90.00	0.04	17.4	160	
25	11.10	16.05	6.22	50.24	-82.16	0.03	18.6	160	
30	11.26	15.67	6.21	51.17	-78.50	0.04	17.8	160	
35	11.33	15.52	6.19	51.93	-76.70	0.04	18.5	160	
40	11.45	15.34	6.18	52.99	-75.50	0.04	17.9	160	
45	11.51	15.31	6.17	54.14	-74.20	0.04	17.9	160	
50	11.60	15.43	6.16	54.51	-73.40	0.04	18.6	160	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1316
DO Titrataion = mg/L
Total volume of groundwater purged: 3.0 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.028

Sample ID: SB915-0199-03 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-420
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grund Fos
Pump/Controller ID#: FA00636 / FA01449
Field Personnel: CAH
Date: 8-28-14
Weather: Cloudy, 65

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 68.52 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	68.55	13.20	6.45	93.77	-20.10	0.28	9.40	400	1.040
10	68.55	13.39	6.43	100.02	-19.20	0.20	10.45	400	1.052
15	68.55	13.62	6.45	102.00	-19.00	0.15	11.5	400	1.054
20	68.55	13.76	6.46	101.89	-22.60	0.14	12.0	400	
25	68.55	13.46	6.47	101.91	-21.10	0.13	12.89	400	
30	68.55	13.65	6.46	102.38	-20.30	0.09	9.32	400	1.054
35	68.55	13.70	6.46	102.23	-20.00	0.08	6.43	400	
40	68.55	14.57	6.45	100.90	-19.50	0.07	5.42	400	
45	68.55	14.25	6.45	101.74	-19.50	0.06	6.74	400	1.0
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

sun

End Purge Time: 1140
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.054

Sample ID: SB915-0199-04 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822 / FA0[illegible]48
Field Personnel: AKK
Date: 8.28.14
Weather: 85° overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 48.42 ft.
Length of Water Column (LWC): 21.66 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1100
Initial Observations: Color clear Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	51.0	14.34	11.37	99.08	-97.40	1.67	27.5	100	1.054
10	51.45	15.93	11.70	97.65	-89.30	2.28	21.2	180	
15	51.90	15.38	11.74	98.09	-86.10	1.91	10.48	100	
20	51.90	15.74	11.74	97.14	-75.60	2.12	9.30	100	
25	51.90	16.41	11.74	95.61	-68.20	2.39	7.18	100	
30	52.03	16.29	11.75	95.14	-61.40	2.36	10.24	100	
35	52.04	17.32	11.73	94.33	-56.70	2.34	6.60	80	
40	52.30	18.43	11.71	92.83	-54.90	2.39	9.71	100	
45	52.30	16.85	11.77	92.31	-47.30	2.31	6.16	100	1.050
50	52.55	16.40	11.78	92.17	-41.70	2.23	10.52	100	
55	52.9	16.13	11.80	89.77	-41.10	1.94	7.75	100	
60	52.9	16.68	11.78	92.19	-42.30	1.97	10.93	100	
65	53.4	17.38	11.76	91.93	-43.90	2.00	7.83	100	
70	53.61	16.73	11.78	91.49	-44.20	2.04	8.20	100	
75	53.69	18.13	11.74	92.16	-46.40	2.03	7.67	100	
80	53.85	18.40	11.74	90.52	-48.40	1.98	8.64	100	1.048
85									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1324
Total volume of groundwater purged: ~2 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.048

Sample ID: SB915-0194-05 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 8-27-14
Weather: Clouds, humid, 70

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 9.44 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 8:57
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.97	15.62	5.90	112.42	29.00	0.23	9.71	180	1.064
10	12.02	15.26	5.91	112.23	29.70	0.13	24.5	180	
15	13.28	14.94	5.91	112.19	30.20	0.10	50.5	200	
20	14.37	14.94	5.93	111.64	28.80	0.09	83.8	180	
25	15.04	15.03	5.94	111.28	28.20	0.09	90.9	180	
30	15.70	15.12	5.95	110.91	28.00	0.12	79.7	180	
35	16.30	15.21	5.95	110.81	29.40	0.13	42.9	180	1.064
40	16.56	15.30	5.95	110.85	28.50	0.14	93.3	180	
45	16.65	15.42	5.95	110.98	29.40	0.16	59.1	180	
50	16.73	15.29	5.95	110.43	31.50	0.14	124	180	
55	16.81	15.21	5.95	111.13	28.20	0.14	76	180	
60	16.90	15.30	5.96	110.53	29.50	0.15	105.3	180	
65	17.02	15.17	5.96	109.24	30.70	0.16	73.4	180	
70	17.19	14.85	5.97	110.01	30.00	0.23	75.8	180	1.064
75	17.40	15.08	5.98	109.15	27.70	0.37	60.8	180	
80	17.55	15.33	6.00	108.96	25.50	0.52	49.4	180	
85	17.65	15.23	6.01	109.62	24.90	0.54	50.4	180	
90	17.76	15.26	6.00	109.31	22.30	0.45	44.9	180	
95	17.87	15.31	6.01	108.52	22.70	0.28	~~55.7~~ 41.5	180	
100	17.97	15.35	6.01	108.55	22.20	0.23	~~44.9~~ 35.4	180	1.064
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1048
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color light white Odor NONE Sheen/Free Product NONE
Specific Gravity 1.064

Sample ID: SB915-0198-01 Sample Time: 1105

Analytical Parameters:

~~Container Size~~ ~~Container Type~~ ~~# Collected~~ ~~Field Filtered?~~ Preservative Laboratory

Time	Depth	Temp	pH	Cond	ORP	DO	Turb	Flow	Sp Gr
105	18.07	15.44	6.02	108.57	22.10	0.22	38.2	180	
110	18.15	15.42	6.02	108.68	22.60	0.23	38.8	180	1.064

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-06
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri Pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 6-27-14
Weather: Sun, clouds, humid, 70

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 82.00 ft. bmp.
Depth to Water*: 15.07 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1206
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.15	13.89	6.30	112.47	1.00	0.72	7.30	280	1.040
10	15.15	14.14	6.19	111.82	7.90	0.38	4.66	280	
15	15.15	13.89	6.18	112.24	9.40	0.24	1.24	280	
20	15.15	13.89	6.17	111.93	10.10	0.19	2.05	280	
25	15.15	13.81	6.17	112.75	10.70	0.08	4.71	280	
30	15.15	13.54	6.17	112.90	11.40	0.07	1.43	280	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 2.5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.066

Sample ID: SB915-0198-02 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Gate Lock combination : 4722

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05 R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822
Field Personnel: AKK
Date: 8/27/14
Weather: ~73° overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 158.80 ft. bmp.
Depth to Water*: 25.21 ft.
Length of Water Column (LWC): 133.59 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: *Color* Clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	48.94	13.93	6.38	197.33	23.60	0.08	13.7	440	1.128
10	48.55	13.56	6.37	196.49	22.00	0.06	5.22	420	
15	47.89	13.89	6.40	196.48	16.30	0.05	3.59	420	
20	47.60	13.84	6.24	200.74	16.90	0.05	1.94	300	
25	46.14	14.49	6.43	196.93	17.10	0.04	1.62	400	1.030
30	45.8	14.10	6.44	196.56	17.20	0.05	2.70	500	
35	45.6	14.38	6.44	196.52	24.20	0.04	2.67	500	1.030
40	45.54	14.47	6.45	195.70	3.80	0.04	3.93	500	
45	45.6	14.26	6.46	199.77	1.80	0.04	4.90	500	
50	45.7	14.34	6.47	198.05	0.70	0.03	5.32	500	
55	45.73	14.43	6.47	198.11	-0.20	0.03	5.85	500	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1158
Total volume of groundwater purged: 15 gal.
DO Titrataion = 5 mg/L
Final Observations: *Color* Clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.030

Sample ID: SB915-0198-03 and 04 (Dup) **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * purged ~5 gallons prior to low flow and dropped DTW to 149.9 ft.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-104
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Penstaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.27.14
Weather: ~75°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 19.15 ft. bmp.
Depth to Water*: 9.14 ft.
Length of Water Column (LWC): 10.01 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1106
Initial Observations: Color V. light brown Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.81	15.87	10.74	34.91	-184.90	0.05	21.0	240	1.018
10	9.78	15.88	10.70	34.78	-181.90	0.00	17.6	240	
15	9.75	15.79	10.67	34.65	-177.20	0.00	14.1	240	
20	9.75	15.83	10.66	34.33	-177.90	0.00	11.98	240	
25	9.70	16.06	10.79	33.33	-177.10	0.00	11.38	240	
30	9.68	16.46	11.06	31.33	-178.10	0.00	6.68	260	
35	9.67	16.40	11.27	29.89	-180.50	0.00	6.09	260	
40	9.65	16.55	11.42	28.73	-180.40	0.00	5.32	260	
45	9.64	16.55	11.52	27.92	-175.80	0.00	6.96	260	
50	9.64	16.70	11.50	27.53	-165.10	0.00	6.80	260	
55	9.62	16.51	11.67	26.86	-150.50	0.00	7.23	260	
60	9.61	16.57	11.72	26.35	-147.70	0.00	7.01	260	
65	9.61	16.94	11.76	25.95	-145.20	0.02	6.86	260	
70	9.61	17.22	11.78	25.67	-145.40	0.06	6.58	260	
75	9.60	16.83	11.83	25.44	-144.20	0.11	6.25	260	
80	9.58	17.18	11.84	25.36	-143.60	0.15	6.98	260	
85	9.52	17.62	11.84	25.31	-144.00	0.18	6.39	260	
90	9.48	17.81	11.85	25.31	-143.70	0.20	6.22	260	
95	9.56	16.95	11.90	25.30	-139.60	0.24	5.28	260	
100	9.56	16.91	11.92	25.21	-139.60	0.30	5.66	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1310
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.010

Sample ID: SB915-0198-05 **Sample Time:** 1325

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-WB-104
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (____)
Continued from previous page.									
105	9.56	16.55	11.94	25.22	-140.10	0.38	4.54	260	
110	9.56	16.65	11.94	25.51	-141.00	0.37	5.08	260	
115	9.56	16.60	11.95	25.39	-141.20	0.41	5.60	260	
120	9.56	16.54	11.97	25.39	-139.70	0.46	4.94	260	
125	9.56	16.48	11.95	25.78	-139.8	0.47	4.75	260	1010

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S
Northing: _____
Easting: _____

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: _____
Equipment Used: _____
Pump/Controller ID#: _____
Field Personnel: JWB/AKK
Date: 8-26-14
Weather: _____

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 34.96 ft. bmp.
Depth to Water*: 34.83 ft.
Length of Water Column (LWC): 0.13 in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.
Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#: FAC0527/FAC0474/8
Field Personnel: AKK
Date: 8.26.14
Weather: sunny 80

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 129.05 ft. bmp.
Depth to Water*: 67.5 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1043
Initial Observations: *Color* grey *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	67.72	13.34	7.26	1.47	-94.10	0.37	99.1	240	1.002
10	67.72	12.40	7.29	1.50	-85.8	0.35	91.5	380	1.000
15	67.72	12.~~70~~	7.28	1.63	-83.3	0.19	86.9	400	
20	67.~~72~~	13.67	7.26	1.76	-80.70	0.14	68.0	400	
25	67.72	13.86	7.26	1.83	-82.10	0.12	54.0	280	1.000
30	67.72	13.90	7.26	1.91	-93.60	0.10	41.1	280	
35	67.72	13.72	7.26	1.95	-101.00	0.09	36.0	320	
40	67.72	13.67	7.26	1.98	-103.40	0.07	32.0	320	
45	67.72	13.95	7.26	2.03	-105.20	0.06	28.9	320	
50	67.72	13.85	7.26	2.03	-104.30	0.05	27.7	0380	
55	67.72	13.82	7.26	2.03	-102.20	0.04	21.0	380	
60	67.72	14.17	7.26	2.06	-99.40	0.04	19.0	360	
65	67.72	14.18	7.26	2.05	-96.00	0.03	18.1	360	
70	67.72	14.08	7.26	2.06	-91.7	0.03	17.9	360	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

8

End Purge Time: 1154
Total volume of groundwater purged: 7 gal.
DO Titrataion = ~ mg/L
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.000

Sample ID: SB915-0197-01, 02, and 03 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected (MS / MSD)	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00636/FA01449
Field Personnel: JWB
Date: 8.26.14
Weather: ~80°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 48.05 ft.
Length of Water Column (LWC): 30 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1039
Initial Observations: Color Clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	51.30	14.96	11.92	121.87	-203.80	0.73	6.39	150	1.068
10	51.65	15.37	11.91	125.35	-212.30	0.40	6.37	150	
15	52.05	15.90	11.89	123.48	-197.70	0.27	6.10	150	
20	52.38	15.84	11.90	121.99	-193.40	0.27	8.20	150	
25	52.62	16.00	11.89	121.99	-185.60	0.29	6.66	150	
30	52.95	16.07	11.90	120.27	-180.30	0.31	6.88	150	
35	53.28	15.73	11.90	121.08	-179.00	0.26	6.38	150	
40	53.49	16.11	11.89	121.83	-179.90	0.25	6.71	150	
45	53.84	15.68	11.91	120.52	-178.10	0.18	10.85	150	
50	54.37	15.73	11.91	120.70	-179.60	0.15	6.94	150	
55	54.68	16.13	11.89	120.73	-181.30	0.13	7.59	150	
60	54.95	16.20	11.89	121.12	-181.00	0.11	7.25	150	
65	55.24	16.85	11.87	120.88	-181.60	0.11	8.79	150	
70	55.60	17.08	11.87	120.05	-182.70	0.11	7.99	150	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1151
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.066

Sample ID: SB915-0197-04 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#: FA00139
Field Personnel: CAH
Date: 8-25-14
Weather: Sun, 80

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 25.72 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: Color Clear Odor some sulfur Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.82	16.74	7.22	1.47	-135.30	0.40	3.61	200	1.000
10	25.82	13.97	7.08	1.52	-111.20	0.18	3.18	260	
15	25.82	13.65	7.03	1.53	-89.10	0.11	3.23	260	
20	25.82	13.56	7.03	1.54	-77.50	0.10	2.91	260	
25	25.82	13.55	7.04	1.54	-70.10	0.09	2.63	260	
30	25.82	14.01	7.03	1.55	-65.50	0.11	2.08	260	
35	25.82	14.49	7.03	1.54	-62.30	0.12	1.83	260	
40	25.82	14.78	7.04	1.54	-60.00	0.13	1.30	260	
45	25.82	15.73	7.03	1.56	-60.60	0.14	1.32	100	
50	25.82	14.34	7.05	1.51	-54.10	0.09	0.80	260	
55	25.82	13.64	7.04	1.53	-52.30	0.06	1.30	260	
60	25.82	13.62	7.04	1.53	-51.80	0.06	0.23	260	
65	25.82	13.77	7.04	1.53	-50.80	0.05	0.37	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

battery Died - lost flow ☆

- hooked up to truck battery

End Purge Time: 1201
DO Titrataion = mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: Color Clear Odor some sulfur Sheen/Free Product NONE
Specific Gravity 1.000

Sample ID: SB915-0196-01 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ☆ - see above left

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB, ~~MRA~~ AFK
Date: 8.25.14
Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 28.76 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1118
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.06	11.28	6.61	48.21	-24.30	0.09	33.3	320	1.030
10	29.06	11.19	6.52	50.12	-19.00	0.08	12.24	320	
15	29.06	11.19	6.49	49.79	-16.10	0.07	7.44	320	
20	29.06	11.21	6.47	51.20	-13.40	0.06	6.09	320	
25	29.06	11.17	6.46	51.04	-10.80	0.06	6.13	320	
30	29.06	11.26	6.45	51.72	-9.10	0.06	6.13	320	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1152
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.028

Sample ID: SB915-0196-02 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01163
Field Personnel: AKK
Date: 8/22/14
Weather: overcast 75° humid

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: [redacted] 79.7 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1035
Initial Observations: *Color* Clear *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	79.6	15.75	6.69	12.40	-95.30	0.11	10.01	320	1.004
10	79.6	15.05	6.70	11.17	-86.70	0.15	11.15	320	1.004
15	79.6	14.63	6.70	9.98	-79.70	0.14	9.79	320	
20	79.6	14.63	6.71	8.91	-75.70	0.11	5.57	320	
25	79.6	15.26	6.71	8.23	-73.80	0.09	2.20	320	
30	79.6	15.53	6.71	7.75	-72.20	0.08	2.36	320	
35	79.6	15.70	6.72	7.37	-70.70	0.06	1.15	320	
40	79.6	15.79	6.72	6.98	-69.40	0.05	0.77	[redacted] 400	1.002
45	79.6	15.93	6.72	6.67	-68.30	0.05	0.54	[redacted] 440	
50	79.6	16.08	6.72	6.38	-67.80	0.04	0.45	320	
55	79.6	16.29	6.73	6.23	-66.10	0.05	0.60	320	
60	79.6	16.24	6.72	6.26	-65.40	0.05	0.62	320	
65	79.6	16.67	6.72	6.09	-65.20	0.05	0.51	320	1.002
70									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1143
Total volume of groundwater purged: ~7 gal.
DO Titrataion = — mg/L

Final Observations: *Color* Clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.002

Sample ID: SB915-0194-01 **Sample Time:** 1155

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-114, 36I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grund Fos
Pump/Controller ID#: FA00636 / FA01448
Field Personnel: CAH
Date: 8/22/14
Weather: Cloudy, humid, 80

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 39.41 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1014
Initial Observations: Color light white Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	41.20	15.46	12.04	45.29	-111.50	0.85	105.6	180	1.016
10	41.63	16.09	12.07	45.21	-114.60	0.54	160	160	
15	41.87	15.55	12.11	45.04	-108.80	0.52	154	160	
20	42.25	15.36	12.18	42.51	-94.20	0.66	618AV	160	
25	42.55	15.39	12.26	36.11	-82.20	1.73	102.1NTU	160	
30	42.62	15.73	12.26	33.82	-78.50	2.15	36.8	120	
35	42.73	15.73	12.27	33.66	-80.20	2.27	22.5	120	
40	42.86	15.46	12.25	35.13	-80.20	2.29	16.6	120	
45	42.92	15.78	12.22	36.88	-86.20	2.14	13.1	120	
50	43.03	15.82	12.14	38.91	-91.20	2.14	12.2	120	
55	43.10	16.23	12.16	40.26	-94.00	1.75	11.0	120	1.020
60	43.14	16.40	12.15	41.29	-96.20	1.55	10.86	120	
65	43.20	16.61	12.13	42.54	-99.70	1.38	9.07	120	
70	43.19	16.94	12.11	43.42	-102.70	1.23	9.40	120	
75	43.18	16.85	12.11	44.26	-104.10	1.09	7.39	120	
80	43.18	17.17	12.09	44.62	-104.80	0.96	6.77	120	
85	43.18	17.59	12.08	45.15	-106.40	0.85	5.97	120	
90	43.18	17.66	12.08	45.27	-110.00	0.73	5.20	120	1.020
95	43.18	18.90	12.09	45.46	-117.80	0.59	6.51	120	
100	43.20	17.30	12.07	46.36	-119.10	0.50	5.42	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

IPod did not record

End Purge Time: 1226
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.022

Sample ID: SB915-0194-02 Sample Time: 1250

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-36I
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	43.18	17.72	12.06	46.65	-119.20	0.44	4.54	120	
110	43.18	18.31	12.04	46.87	-125.10	0.37	4.77	120	
115	43.18	17.88	12.05	47.07	-126.70	0.32	4.63	120	
120	43.18	17.61	12.06	47.20	-128.50	0.29	4.47	120	
125	43.18	17.46	12.06	47.54	-129.80	0.25	4.81	120	
130	43.18	17.58	12.06	47.62	-131.70	0.23	4.04	120	1.022

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW2-104I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 8-22-14
Weather: ~75°F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 28.42 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1037
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.43	14.53	7.37	1.14	73.00	0.92	0.77	300	1.000
10	28.43	13.94	7.32	1.14	66.10	0.25	0.23	300	
15	28.43	13.58	7.28	1.20	62.90	0.61	0.35	300	
20	28.43	13.58	7.26	1.22	60.50	0.36	1.15	300	
25	28.43	13.55	7.25	1.25	59.00	0.26	1.94	300	
30	28.43	13.67	7.25	1.28	58.00	0.30	3.24	300	
35	28.43	13.80	7.25	1.27	57.40	0.36	5.31	300	
40	28.43	13.85	7.25	1.26	57.50	0.49	5.77	300	
45	28.43	13.91	7.25	1.26	57.50	0.57	6.28	300	
50	28.43	13.85	7.24	1.27	57.70	0.67	6.39	300	
55	28.43	14.05	7.24	1.25	57.90	0.79	5.39	300	
60	28.43	14.12	7.24	1.24	58.10	0.86	5.01	300	
65	28.43	14.20	7.24	1.24	58.60	0.94	4.73	300	
70	28.43	13.99	7.24	1.25	59.20	1.00	4.95	300	
75	28.43	14.08	7.23	1.23	59.40	1.00	5.18	300	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1154
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.000

Sample ID: SB915-0195-03 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-365
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: —
Equipment Used: —
Pump/Controller ID#: —
Field Personnel: JWS
Date: 8-22-14
Weather: ~75°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.80 ft. bmp.
Depth to Water*: 20.60 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Well is dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.

Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____
Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-14W-107BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA0168 / FA0116S
Field Personnel: CAH
Date: 8-21-14
Weather: Stormy, 75, humid, Drizzly, Showers, Fair.

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 19.25 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1135
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.64						7.62	180	1.128
10	19.15	16.28	6.02	194.17	52.9	1.79	6.45	160	
15	20.06	16.01	6.06	192.77	41.80	1.57	16.8	160	
20	20.68	15.70	6.12	194.55	38.70	0.90	27.1	140	
25	21.52	15.25	6.17	194.76	41.10	0.55	29.5	140	
30	22.49	15.61	6.19	192.63	43.80	0.58	29.3	160	
35	40.38	13.60	6.13	198.29	44.60	1.26	24.9	180	
40	40.54	15.45	6.12	195.08	43.60	1.24	22.8	180	1.130
45	40.72	15.51	6.13	194.67	40.90	1.18	25.2	180	
50	40.74	15.66	6.14	194.73	37.30	0.99	30.5	160	
55	40.84	15.34	6.17	194.49	33.00	0.81	32.9	160	
60	40.96	15.66	6.19	193.28	30.30	0.65	31.8	160	
65	41.08	15.78	6.22	193.25	27.00	0.53	27.4	160	
70	41.10	16.18	6.23	192.46	26.60	0.47	22.2	160	
75	41.20	15.68	6.25	192.57	26.40	0.42	15.1	160	1.130
80	41.28	16.02	6.25	191.62	25.40	0.38	11.6	160	
85	41.33	15.62	6.27	192.04	26.00	0.36	10.62	160	
90	41.41	15.23	6.28	197.81	27.90	0.28	9.62	160	
95	41.64	15.29	6.28	196.41	26.30	0.27	8.29	160	
100	41.65	15.75	6.28	194.28	26.00	0.27	7.89	140	1.128
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Phone was canceled by mistake

* Purged 5 gallons! Forgot to do it at the start.

End Purge Time: 1315
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.128

Sample ID: SB915-0144-01 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA01238
Field Personnel: AKK
Date: 8/21/14
Weather: overcast 75°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 10.58 ft.
Length of Water Column (LWC): 98.87 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1145
Initial Observations: *Color* slightly cloudy *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.63	14.60	6.67	133.01	-42.00	0.31	78.3	360	1.072
10	10.63	15.06	6.41	134.50	-34.40	0.22	53.4	300	
15	10.63	15.17	6.27	134.88	-17.90	0.19	23.4	300	
20	10.63	15.34	6.20	134.43	-10.40	0.16	15.2	300	1.074
25	10.63	15.38	6.16	135.01	-5.60	0.14	10.44	300	
30	10.63	15.39	6.15	134.07	-4.60	0.13	8.67	300	
35	10.63	15.14	6.16	134.38	-3.40	0.11	7.58	300	
40	10.63	5.22	6.15	133.91	-2.00	0.11	8.99	300	
45	10.63	15.21	6.14	134.18	-0.50	0.10	8.38	300	
50	10.63	15.39	6.14	133.89	0.70	0.10	9.14	300	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235
DO Titrataion = 1 mg/L
Total volume of groundwater purged: gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.072

Sample ID: SB915-0194-02 **Sample Time:** 1255

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8-21-14
Weather: ~78°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 18.36 ft. bmp.
Depth to Water*: 10.94 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1155
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.30	16.27	6.77	1.35	79.80	2.54	0.00	240	1.002
10	11.55	16.27	6.76	1.37	70.30	2.28	0.00	200	
15	11.75	16.41	6.77	1.38	66.10	1.83	0.00	200	
20	11.92	16.56	6.78	1.37	63.60	1.64	0.00	200	
25	12.12	16.45	6.79	1.37	62.10	1.55	0.00	200	
30	12.39	16.58	6.80	1.37	61.00	1.41	0.00	200	
35	12.62	16.67	6.81	1.37	60.50	1.37	0.00	200	
40	12.87	16.59	6.82	1.36	59.80	1.27	0.00	200	
45	13.10	16.44	6.83	1.35	59.00	1.20	0.00	200	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1241
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.000

Sample ID: SB915-GWMW-0194-03 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA 00139
Field Personnel: AFK
Date: 8-20-14
Weather: Sunny 75°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 22.51 ft.
Length of Water Column (LWC): 73.99 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469.gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1034
Initial Observations: Color Clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	24.09	13.16	7.10	2.83	2.30	0.13	16.5	360	1.010
10	25.25	12.72	7.05	2.84	2.40	0.12	6.05	360	
15	25.64	12.52	7.03	2.85	1.10	0.09	11.1	360	1.006
20	25.83	12.42	7.02	2.87	-1.70	0.09	10.21	360	
25	25.94	12.34	7.01	2.87	1.30	0.07	11.0	360	
30	26.01	12.14	7.01	2.86	4.70	0.07	11.0	360	1.004
35	26.09	12.14	7.00	2.90	7.60	0.06	10.93	360	
40	26.11	12.29	7.00	2.88	8.10	0.06	7.98	360	1.002
45	26.13	12.23	7.00	2.88	9.10	0.06	7.14	360	
50	26.15	12.09	7.00	2.87	10.40	0.06	8.39	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128
Total volume of groundwater purged: 46 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.002

Sample ID: SB915-0193-01 Sample Time: 1145

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA 01238
Field Personnel: CAH
Date: 8-20-14
Weather: Sun, 80°F, humid

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 29.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1031
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.40	15.93	7.42	0.92	-78.40	0.16	7.95	260	1.000
10	29.40	14.04	7.37	0.94	-71.60	0.09	8.49	260	
15	29.40	13.87	7.35	0.96	-69.90	0.08	7.22	260	
20	29.40	13.62	7.34	0.99	-67.60	0.07	7.50	260	
25	29.40	13.44	7.33	1.02	-65.80	0.07	7.28	260	
30	29.40	13.31	7.33	1.02	-63.50	0.07	4.41	260	
35	29.40	13.80	7.32	1.02	-64.10	0.07	3.25	260	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.000

Sample ID: SB915-0143-02 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8-20-14
Weather: ~78° F Sunny

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: 12.76 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1040
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.81	14.33	6.49	13.54	-80.90	0.09	5.16	500	1.006
10	12.81	13.85	6.50	13.08	-75.40	0.06	3.96	500	
15	12.81	13.99	6.50	12.94	-72.20	0.06	2.97	500	
20	12.81	14.08	6.50	12.59	-69.20	0.04	3.26	500	
25	12.81	13.70	6.50	12.77	-66.70	0.04	3.96	500	
30	12.81	13.72	6.50	12.66	-64.70	0.04	4.05	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110
DO Titrataion = mg/L
Total volume of groundwater purged: 5.0 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.004

Sample ID: SB915-0193-03 Sample Time: 1120

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L
Northing: —
Easting: —

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JwB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8.20.14
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~78° F Sun/clouds

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 14.24 ft. bmp.
Depth to Water*: 8.70 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1200
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.75	15.19	6.21	93.09	-16.40	0.11	44.8	340	1.038
10	8.75	14.70	6.23	92.56	-17.50	0.07	12.5	340	
15	8.75	14.57	6.23	92.87	-16.20	0.05	7.22	340	
20	8.75	14.54	6.23	93.14	-15.60	0.05	6.39	340	
25	8.75	14.74	6.23	92.88	-15.40	0.05	5.97	340	
30	8.75	14.76	6.23	93.07	-14.90	0.04	6.16	340	
35	8.75	14.51	6.23	92.35	-13.30	0.04	5.93	340	
40	8.75	14.94	6.23	92.85	-12.90	0.04	4.66	340	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1244
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4.5 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.050

Sample ID: SB915-0193-04 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S
Northing: _____
Easting: _____

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: _____
Equipment Used: _____
Pump/Controller ID#: _____
Field Personnel: _____
Date: _____
Weather: _____

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 26.94 ft. bmp.
Depth to Water*: 25.15 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA 012 38
Field Personnel: CAH
Date: 8-20-14
Weather: 80, humid

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 6.40 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1310
Initial Observations: *Color* clear/light white *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.40	15.31	6.20	92.35	10.30	0.68	46.3	320	1.050
10	6.40	14.77	6.14	90.23	13.60	0.09	53.6	320	
15	6.40	14.48	6.12	90.38	15.40	0.08	50.8	320	
20	6.40	14.38	6.11	90.33	17.40	0.07	46.2	320	
25	6.40	14.25	6.11	89.91	18.70	0.07	27.9	320	
30	6.40	14.21	6.10	89.10	19.50	0.07	26.4	320	
35	6.40	14.19	6.10	89.50	20.10	0.06	16.9	320	1.050
40	6.40	14.16	6.10	89.81	20.80	0.05	15.2	320	
45	6.40	14.17	6.10	89.65	21.20	0.06	10.23	320	
50	6.40	14.13	6.10	89.38	21.60	0.04	11.55	320	
55	6.40	13.97	6.10	89.36	22.20	0.04	8.84	320	
60	6.40	13.96	6.11	89.81	22.70	0.02	7.56	320	
65	6.40	13.80	6.11	89.15	22.80	0.02	7.16	320	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1416
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.050

Sample ID: SB915-0193-05 **Sample Time:** 1430

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-1095
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#:
Field Personnel: AKK
Date: 8-19-14
Weather: sunny 75°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 3.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1057
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.44	14.80	12.06	36.65	-90.30	0.05	6.24	400	1.020
10	3.45	14.32	12.08	36.77	-90.30	0.02	3.68	400	
15	3.45	14.29	12.09	36.62	-89.50	0.01	2.61	400	
20	3.45	14.29	12.10	37.08	-89.00	0.01	2.55	440	
25	3.45	14.38	12.10	36.67	-87.60	0.00	1.65	440	
30	3.45	14.38	12.11	36.60	-87.00	0.00	1.74	440	
35	3.45	14.40	12.11	36.80	-85.80	0.00	1.14	440	1.016
40	3.45	14.43	12.11	36.46	-85.60	0.00	0.76	440	
45	3.45	14.38	12.11	37.16	-84.70	0.00	0.88	440	
50	3.45	14.34	12.12	37.07	-83.07	0.00	0.79 (dup)	440	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
DO Titrataion = — mg/L
Total volume of groundwater purged: [redacted] gal.

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.016

Sample ID: SB915-0192-01 and SB915-0192-02 (FD) **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 8-19-14
Weather: Sun, 70s, happy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.71 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1056
Initial Observations: Color clear Odor some-sulfur Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.83	14.49	7.43	42.43	-157.90	0.25	12.3	200	1.018
10	18.49	13.99	7.55	42.95	-179.10	0.13	10.95	200	
15	18.94	14.03	7.56	42.68	-185.30	0.10	8.09	200	
20	19.16	13.99	7.53	42.05	-185.30	0.08	8.25	200	
25	19.30	14.05	7.46	41.31	-182.00	0.07	6.90	200	
30	19.37	14.12	7.39	40.21	-175.70	0.07	5.95	200	
35	19.42	14.21	7.32	39.09	-169.60	0.06	4.92	200	
40	19.50	14.16	7.26	37.90	-163.00	0.06	5.59	200	1.018
45	19.54	14.08	7.20	36.69	-156.80	0.06	5.63	200	
50	19.57	14.14	7.17	35.96	-152.00	0.05	3.46	200	
55	19.57	14.26	7.13	34.76	-147.40	0.05	6.08	200	
60	19.62	14.16	7.11	34.23	-144.50	0.05	4.16	200	
65	19.65	14.17	7.09	33.36	-141.00	0.04	4.52	200	
70	19.67	14.17	7.07	32.69	-138.00	0.05	3.75	200	
75	19.70	14.24	7.05	32.15	-135.30	0.05	2.61	200	
80	19.72	14.23	7.04	31.67	-133.20	0.05	3.85	200	
85	19.72	14.33	7.03	31.09	-130.40	0.04	2.04	200	
90	19.72	14.15	7.02	30.74	-128.00	0.05	2.11	200	1.014
95	19.73	14.14	7.02	30.11	-125.60	0.04	3.38	200	
100	19.72	14.34	7.01	30.03	-124.30	0.04	1.74	200	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1239
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color clear Odor some sulfur Sheen/Free Product NONE
Specific Gravity 1.014

Sample ID: SB915-0192-03 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR
Northing: ---
Easting: ---

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168 | FA 014149
Field Personnel: JWB
Date: 8.19.14
Weather: ~75° of Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 12.74 ft.
Length of Water Column (LWC): 130.01 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1110
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
* 5	37.75	12.11	5.94	181.63	-32.60	0.06	21.8	240	1.116
10	37.71	13.66	5.96	177.80	-33.20	0.06	24.4	240	
15	37.75	13.62	5.97	177.07	-29.80	0.07	32.1	240	
20	37.78	13.61	5.98	181.99	-28.10	0.08	45.4	240	
25	37.71	13.72	5.99	182.16	-26.50	0.11	46.9	240	
30	37.59	13.95	6.00	182.25	-25.70	0.10	44.5	240	
35	37.53	13.88	6.01	180.46	-24.40	0.12	39.1	240	
40	37.50	13.95	6.02	180.55	-25.10	0.11	34.6	240	
45	37.53	13.81	6.03	180.75	-23.30	0.14	34.5	240	
50	37.45	14.03	6.04	180.73	-23.40	0.10	34.7	240	
55	37.44	14.02	6.05	179.91	-23.10	0.08	24.8	240	
60	37.42	14.12	6.05	181.34	-24.40	0.09	24.0	240	
65	37.35	14.08	6.06	179.97	-23.50	0.09	14.9	240	
70	37.45	13.96	6.06	180.80	-23.30	0.08	15.4	240	
75	37.40	13.94	6.07	180.01	-23.90	0.09	15.1	240	
80	37.45	13.87	6.07	179.96	-22.70	0.08	18.0	240	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1236
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.120

Sample ID: SB915-0192-04 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purge ~5 gallons out before starting Low-Flow.
DTW = 37.75' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-075
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8.18.14
Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 9.53 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1235
Initial Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.56	13.27	12.25	8.29	6.20	1.91	0.02	320	1.002
10	9.56	13.17	12.28	8.40	12.20	1.79	2.37	320	
15	9.56	13.08	12.34	8.37	14.70	1.68	3.98	320	
20	9.56	12.76	12.37	8.44	16.90	1.65	4.29	320	
25	9.56	12.40	12.38	8.48	18.40	1.65	5.06	320	
30	9.56	12.29	12.40	8.47	20.40	1.63	5.41	320	
35	9.56	12.90	12.41	8.40	20.20	1.60	6.02	320	
40	9.56	~~12.74~~ 13.17	12.41	8.36	21.10	1.59	6.46	320	
45	9.56	13.43	12.41	8.33	21.50	1.58	6.88	320	
50	9.56	13.31	12.42	8.30	22.20	1.58	7.76	320	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1327
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.002

Sample ID: SB915-0191-01, 02(MS), 03(MSD) **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00636/FA01448
Field Personnel: CAH
Date: 8-18-14
Weather: Sun, clouds, 72

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 33.14 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1237
Initial Observations: Color light white Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	35.29	15.60	11.91	57.53	-173.40	1.08	52.0	180	1.026
10	35.42	16.45	11.89	58.05	-176.60	0.93	25.4	180	
15	35.67	16.45	11.91	57.14	-174.70	0.65	20.8	180	
20	35.96	15.48	11.94	56.87	-175.50	0.70	16.3	180	
25	36.55	14.95	11.96	57.52	-167.30	0.35	18.1	180	1.026
30	36.93	15.57	11.94	57.00	-165.70	0.38	15.6	180	
35	37.42	16.45	11.94	54.20	-161.40	0.68	15.5	180	
40	37.80	16.38	11.96	51.34	-156.70	1.13	17.7	180	
45	38.10	16.81	11.95	48.58	-155.30	1.42	16.7	180	
50	38.23	16.57	11.96	48.41	-155.30	1.42	13.5	180	
55	38.41	15.55	11.98	49.96	-158.10	1.50	11.7	180	1.022
60	38.67	16.24	11.95	51.69	-160.90	1.25	18.2	180	
65	38.85	15.95	11.95	53.00	-166.00	1.15	11.6	180	
70	39.02	15.97	11.94	54.54	-167.50	1.01	11.6	180	
75	39.18	16.21	11.93	55.65	-169.80	0.89	11.2	180	
80	39.36	16.45	11.92	57.50	-180.20	0.69	12.5	180	
85	39.50	16.27	11.92	59.15	-185.70	0.59	12.2	180	
90	39.60	15.91	11.91	60.72	-188.40	0.52	13.1	180	
95	39.60	16.00	11.90	62.20	-189.90	0.44	11.5	180	1.028
100	39.63	16.15	11.90	63.03	-193.90	0.33	11.23	180	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1448
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.032

Sample ID: SB915-0191-04 **Sample Time:** 1515

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-PZ-070
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	39.71	16.14	11.89	64.07	-198.50	0.28	11.6	180	
110	39.80	15.91	11.89	65.32	-201.30	0.24	11.93	180	
115	39.88	16.19	11.88	66.01	-203.90	0.20	11.37	180	
120	40.01	16.29	11.87	66.47	-206.00	0.18	11.6	180	
125	40.05	16.40	11.87	67.22	-208.40	0.17	11.8	180	
130	40.05	16.27	11.87	68.01	-208.70	0.16	10.45	180	1.032
← Generator Died Just before sampling									
5	39.90	16.18	11.83	71.61	-217.10	0.16	19.3	180	1.032
10	40.02	15.96	11.84	72.45	-221.90	0.08	12.5	180	1.032

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: grundfos
Pump/Controller ID#: FA @ 1449
Field Personnel: AKK
Date: 8-18-14
Weather: 75° sunny

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 25.53 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1245
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	27.25	14.44	11.67	63.71	-156.80	1.18	55.2	400	1.030
10	27.25	15.43	11.69	59.30	-163.30	1.01	27.0	400	
15	27.25	15.21	11.69	61.35	-165.10	0.70	14.3	400	
20	27.25	15.52	11.68	63.24	-165.10	0.60	11.2	400	
25	27.25	15.56	11.66	64.18	-165.10	0.47	10.29	400	
30	27.25	15.76	11.65	64.92	-166.10	0.37	9.15	400	
35	27.25	15.97	11.64	65.17	-165.40	0.34	8.35	400	
40	27.25	16.01	11.64	65.79	-165.90	0.28	7.75	400	
45	27.25	15.88	11.64	66.05	-167.10	0.25	6.32	400	
50	27.25	15.86	11.64	66.82	-166.50	0.21	6.50	400	
55	27.25	16.15	11.63	66.87	-166.50	0.22	6.31	400	
60	27.25	15.80	11.64	66.99	-167.90	0.18	5.61	400	1.032
65	27.25	15.97	11.64	67.11	-167.80	0.15	5.37	400	
70	27.25	16.23	11.63	67.22	-167.70	0.13	4.81	400	
75	27.25	16.15	11.63	67.31	-168.90	0.11	5.71	400	
80	27.25	15.87	11.64	67.57	-169.00	0.10	4.30	400	
85	27.25	15.81	11.64	67.65	-169.30	0.09	4.32	400	
90	27.25	15.97	11.64	67.81	-169.50	0.08	3.92	400	
95	27.25	16.01	11.64	67.158	-170.20	0.07	3.39	400	
100	27.25	15.91	11.64	67.67	-170.20	0.06	3.70	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1435
DO Titrataion = — mg/L
Total volume of groundwater purged: 1 gal.
Final Observations: Color clear Odor strong slightly sulfur Sheen/Free Product none/none
Specific Gravity 1.034

Sample ID: SB915-0191-05 Sample Time: 1455

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Spec. Grav.) ( )
Continued from previous page.									
105	27.25	15.96	11.64	67.62	-170.90	0.05	2.83	400	
110	27.25	15.97	11.64	67.84	-171.90	0.04	2.44	400	1.034
115									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA02147
Field Personnel: CAH
Date: 8-15-14
Weather: Cloudy, drizzle, 60

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 14.54 ft. bmp.
Depth to Water*: 12.05 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1036
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.10	15.23	10.00	14.62	37.80	1.58	0.73	340	1.006
10	12.10	13.65	11.29	20.29	10.90	0.26	0.24	340	
15	12.15	13.43	11.46	21.00	15.90	0.18	0.02	340	
20	12.12	13.39	11.52	21.12	20.00	0.14	0.08	340	
25	12.12	13.38	11.56	21.31	22.80	0.12	0.30	360	
* 30	12.12	13.34	11.58	21.35	25.10	0.12	0.34	360	
35	12.12	13.34	11.60	21.34	26.40	0.10	0.13	360	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1112
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.008

Sample ID: SB915-0190-01 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * stopped recording, went to live readings

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.15.14
Weather: ~60°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 19.32 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.32	12.65	6.59	30.33	-60.50	0.17	10.17	340	1.014
10	19.32	12.22	6.54	32.53	-54.10	0.13	5.92	340	
15	19.32	12.12	6.54	33.06	-49.90	0.10	5.54	340	
20	19.32	12.12	6.54	33.35	-47.10	0.09	7.18	340	
25	19.32	12.08	6.54	33.43	-44.90	0.08	8.92	340	
30	19.32	12.11	6.54	33.57	-43.30	0.07	8.28	340	
35	19.32	12.08	6.54	33.32	-41.80	0.07	10.08	340	
40	19.32	12.07	6.54	33.21	-40.50	0.07	8.55	340	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125
DO Titrataion = mg/L
Total volume of groundwater purged: 4.0 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* NO
Specific Gravity 1.016

Sample ID: SB915-0190-02 **Sample Time:** 1140

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA 00139
Field Personnel: AKK
Date: 8-15-14
Weather: 60° overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 121.60 ft. bmp.
Depth to Water*: 15.93 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: Color dark grey to black Odor none Sheen/Free Product some small particles (black) observed
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.93	12.58	6.52	138.78	-48.78	0.22	1140 NTU	320	1.080
10	15.93	12.44	6.27	136.07	4.60	0.21	32.4 NTU	320	1.078
15	15.93	12.31	6.11	135.77	15.60	0.22	27.9 NTU	320	
20	15.93	12.30	6.06	134.50	20.50	0.21	11.7	320	
25	15.93	12.30	6.04	135.21	23.10	0.22	11.1	320	
30	15.93	12.30	6.03	135.65	24.40	0.18	11.1	320	
35	15.93	12.32	6.03	134.93	25.50	0.18	3.43	320	1.080
40	15.93	12.36	6.03	134.79	25.90	0.18	7.53	320	
45	15.93	12.44	6.03	134.55	0.17	0.17	8.58	320	
50	15.93	12.57	6.03	134.46	26.60	0.16	11.1	320	1.080
55	15.93	12.66	6.03	134.36	27.20	0.14	16.5	320	
60	15.93	12.71	6.03	134.33	27.90	0.16	12.3	320	1.080
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.080

Sample ID: SB915-0190-03 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

MW-595

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 (MW-595)
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: AKK
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8/15/14
Project #: 1163.51008 | Pump/Controller ID#: FA 01197 | Weather: 65 Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.83 ft. bmp.
Depth to Water*: 12.30 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1300
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.30	14.74	7.96	23.37	-77.40	0.10	41.3	320	1.010
10	12.30	14.29	7.62	23.64	-66.7	0.08	19.2	300	
15	12.30	14.25	7.39	23.70	-61.80	0.07	11.6	260	1.010
20	12.30	14.38	7.25	23.68	-58.70	0.06	7.14	260	
25	12.30	14.22	7.15	23.76	-56.40	0.06	5.69	260	
30	12.30	14.29	7.09	23.75	-55.00	0.07	5.15	260	
35	12.30	14.11	7.05	23.85	-53.80	0.07	5.42	260	
40	12.30	14.02	7.02	23.83	-52.80	0.06	5.23	260	1.010
45	12.30	13.97	6.98	24.01	-52.10	0.07	4.56	200	
50	12.30	14.29	6.95	24.11	-52.60	0.10	4.93	200	1.010
55	12.30	14.15	6.95	23.73	-51.40	0.05	4.68	260	
60	12.30	13.47	6.94	24.04	-49.80	0.06	4.93	260	1.010
65	12.30	13.43	6.94	24.03	-49.10	0.06	4.05	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1408
DO Titrataion = — mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.010

Sample ID: SB915-0190-04 **Sample Time:** 1425

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-700
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Peristaltic → Low-Flow
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 8.15.14
Weather: ~65°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 18.75 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1242
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.75	13.90	6.51	95.41	-54.20	0.47	52.8	400	1.054
10	18.75	13.76	6.49	95.38	-54.80	0.15	76.1	400	
15	18.75	13.70	6.49	94.62	-54.20	0.10	11.7	400	
20	18.75	13.71	6.49	94.43	-53.20	0.09	8.96	400	
25	18.75	13.61	6.48	94.31	-53.10	0.09	10.17	400	
30	18.75	13.49	6.48	94.63	-54.00	0.07	8.40	400	
35	18.75	13.56	6.48	94.44	-52.60	0.08	9.37	400	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1320
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4.0 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.054

Sample ID: SB915-0140-05 **Sample Time:** 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01238
Field Personnel: CAH
Date: 8-15-14
Weather: 65, Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 17.83 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1245
Initial Observations: Color light white Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.84	13.99	6.72	21.14	-40.70	0.17	64.1	300	1.010
10	17.84	13.67	6.70	21.32	-38.80	0.25	20.7	300	
15	17.84	13.60	6.69	21.34	-38.00	0.11	12.8	300	
20	17.84	13.54	6.69	21.28	-37.40	0.15	11.5	300	
25	17.84	13.27	6.69	21.32	-36.90	0.09	10.89	300	
30	17.84	13.36	6.69	21.40	-36.50	0.12	11.6	300	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1315
Total volume of groundwater purged: 3 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.010

Sample ID: SB915-0190-06 Sample Time: 1335

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8.14.14
Weather: ~65°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 27.37 ft. bmp.
Depth to Water*: 10.93 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1043
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.34	14.66	12.68	21.44	-156.80	0.38	4.00	240	1.010
10	12.70	13.58	12.72	22.13	-148.70	0.15	11.7	240	
15	12.87	13.35	11.67	28.71	-109.60	0.01	66.5	240	
20	12.95	13.62	11.53	29.24	-145.90	-0.02	88.1	240	
25	13.00	13.33	11.46	29.59	-191.20	0.00	66.9	240	
30	13.03	13.12	11.49	29.31	-194.60	0.00	59.0	240	
35	13.05	13.16	11.47	29.05	-191.10	0.00	41.4	240	
40	13.05	13.08	11.46	29.21	-181.30	0.00	42.1	240	
45	13.05	13.03	11.45	29.36	-168.40	0.00	40.8	240	
50	13.05	12.94	11.45	29.48	-155.70	0.00	37.5	240	
55	13.05	13.58	11.45	29.39	-147.40	0.00	39.6	240	
60	13.05	13.65	11.43	29.36	-136.20	0.08	41.0	240	
65	13.05	13.17	11.44	29.41	-125.40	0.00	43.4	240	
70	13.05	13.03	11.45	29.50	-119.10	0.00	36.5	240	
75	13.05	12.93	11.45	29.67	-111.90	0.00	39.1	240	
80	13.05	13.03	11.46	29.55	-108.60	0.00	34.0	240	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1206
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear w/ white flakes Odor No Sheen/Free Product No
Specific Gravity 1.014

Sample ID: SB915-0189-01 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00139
Field Personnel: AKK / CAH
Date: 8-14-14
Weather: 85 °F sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 7.48 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1323
Initial Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.50	12.36	6.76	13.81	-0.60	0.06	1.84	460	1.006
10	7.52	12.01	6.73	13.93	1.70	0.04	0.88	460	
15	7.52	11.82	6.72	13.98	3.06	0.04	6.52	460	
20	7.52	11.76	6.71	14.01	4.00	0.03	1.94	460	
25	7.52	11.72	6.71	14.00	4.60	0.03	1.30	460	
30	7.52	11.64	6.70	14.03	5.00	0.02	0.34	460	
35	7.52	11.65	6.70	14.03	5.20	0.02	0.50	460	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400
Total volume of groundwater purged: ~4.5 gal.
DO Titrataion = ___ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.006

Sample ID: SB915-0189-02 **Sample Time:** 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WBB-MW-14D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#: FA01238
Field Personnel: CAH
Date: 8-14-14
Weather: Sun, 65°, "Perfect"

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 5.94 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1043
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.05	15.14	6.13	60.25	4.60	0.84	14.1	240	1.030
10	9.04	14.92	6.14	60.87	4.90	0.16	7.61	200	
15	9.92	14.67	6.14	60.19	5.80	0.10	14.1	200	
20	10.60	14.75	6.14	60.35	7.20	0.07	19.5	200	
25	11.08	14.52	6.14	60.53	8.60	0.04	23.7	200	
30	11.52	14.22	6.15	61.00	10.40	0.04	30.1	200	1.030
35	11.81	14.05	6.14	61.18	12.00	0.03	30.9	200	
40	12.05	14.02	6.15	60.91	13.20	0.03	33.5	200	
45	12.18	13.97	6.14	61.03	14.40	0.03	32.0	200	1.0
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

9.42

End Purge Time: 1130
DO Titrataion = mg/L
Total volume of groundwater purged: 2 gal.
Final Observations: Color light white Odor NONE Sheen/Free Product NONE
Specific Gravity 1.030

Sample ID: SB915-0159-03 Sample Time: 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-148R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00139
Field Personnel: AKK
Date: 8-14-14
Weather: Sunny 63°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 9.12 ft.
Length of Water Column (LWC): 111.77 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: Color slightly cloudy Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.18	13.74	6.42	192.72	-38.70	0.56	47.9	320	1.018
10	9.19	13.67	6.45	191.98	-25.70	0.16	58.4	320	1.132
15	9.20	13.70	6.45	187.10	-22.00	0.12	47.3	320	1.130
20	9.20	13.52	6.46	187.79	-19.30	0.10	12.72	320	
25	9.20	13.50	6.46	185.35	-17.50	0.10	13.0	320	
30	9.20	13.68	6.46	186.58	-14.40	0.10	30.2	320	
35	9.20	13.70	6.45	184.41	-11.20	0.12	27.6	320	1.126
40	9.20	13.68	6.44	186.67	-8.00	0.11	19.7	320	
45	9.20	13.54	6.44	188.84	-5.20	0.10	18.1	320	
50	9.20	14.14	6.44	184.60	-5.20	0.10	11.3	320	
55	9.20	13.92	6.44	186.46	-3.40	0.10	16.6	320	
60	9.20	13.58	6.43	186.84	-1.60	0.08	3.80	320	1.022
65	9.20	13.41	6.43	187.39	-0.20	0.09	12.41	320	
70	9.20	13.36	6.43	188.85	0.50	0.08	12.6	320	
75									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
Total volume of groundwater purged: 15 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity 1.122

Sample ID: SB915-0189-04 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01238
Field Personnel: CAH
Date: 8-13-14
Weather: Humid, 75, cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: 10.34 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1106
Initial Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.40	14.13	6.29	83.26	-2.70	0.08	2.58	440	1.044
10	10.40	13.58	6.17	83.34	4.90	0.05	0.54	440	
15	10.40	13.37	6.15	83.61	8.10	0.03	0.54	440	
20	10.40	13.34	6.14	83.40	10.20	0.03	0.92	440	
25	10.40	13.35	6.14	83.49	11.80	0.02	0.19	440	
30	10.40	13.26	6.14	83.23	13.10	0.01	0.18	440	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1139
Total volume of groundwater purged: 4 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.044

Sample ID: SB915-GW-0188-01,02,03 (MS, MSD) **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-04U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA001139
Field Personnel: AKK
Date: 8-13-14
Weather: muggy 75° overcast

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 55.88 ft. bmp.
Depth to Water*: 9.34 ft.
Length of Water Column (LWC): 46.54 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1104
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (Ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.33	15.03	6.53	24.11	-24.00	0.07	9.69	400	1.012
10	9.33	14.58	6.46	24.38	-14.50	0.04	1.26	400	
15	9.33	14.41	6.44	24.49	-10.00	0.03	1.37	400	1.010
20	9.33	14.53	6.43	24.48	-8.10	0.04	0.78	340	1.012
25	9.33	14.58	6.42	24.41	-5.50	0.03	0.97	340	
30	9.33	14.62	6.42	24.32	-4.30	0.02	1.01	340	
35	9.33	14.66	6.42	24.34	-3.20	0.02	1.49	340	
40	9.33	14.62	6.42	24.31	-2.00	0.02	1.14	340	
45	9.33	14.60	6.41	24.32	-1.10	0.02	1.12	340	1.010
50	9.33	14.49	6.41	24.31	-0.40	0.02	0.50	340	
55	9.33	14.50	6.41	24.27	-0.10	0.02	0.47	340	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202
Total volume of groundwater purged: 26 gal.
DO Titrataion = — mg/L

Final Observations: Color clear Odor none Sheen/Free Product none/none
Specific Gravity - 1.012

Sample ID: SB915-0188-04 Sample Time: 1230

Analytical Parameters: SB915-0188-05 (FD)

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07R
Northing: —
Easting: —

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JKB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8.12.14
Project #: 1163.51008 | Pump/Controller ID#: N/A | Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 119.59 ft. bmp.
Depth to Water*: ~~8.45~~ 16.38 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1105
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.50	17.96	6.89	174.16	45.40	1.55	11.7	140	1.100
10	19.15	17.52	6.99	173.99	48.40	0.96	2.97	140	
15	19.80	17.12	6.96	174.72	47.00	0.89	3.15	140	
20	20.40	17.09	6.95	175.37	48.40	0.94	2.22	140	
25	20.95	17.30	6.95	175.79	45.16	0.77	2.73	140	1.100
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1133
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 1.0 gal.

Final Observations: *Color* Clear *Odor* _____ *Sheen/Free Product* NA
Specific Gravity 1.100

Sample ID: SB915-0189-08 **Sample Time:** 1205

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IM61-0188
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: NA
Field Personnel: JWR
Date: 8.13.14
Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 7.74 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1245
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.23	16.67	6.48	30.60	-44.60	0.83	4.35	240	1.014
10	8.52	16.54	6.43	30.81	-40.50	0.54	4.81	240	
15	8.73	16.63	6.44	29.61	-0.70	0.40	4.34	240	
20	8.87	16.81	6.49	26.81	2.30	0.24	1.00	240	
25	9.06	16.61	6.52	25.30	6.70	0.17	0.98	240	
30	9.27	16.36	6.53	24.78	9.70	0.15	0.71	240	
35	9.50	16.42	6.53	24.72	11.50	0.13	0.49	240	
40	9.64	16.52	6.53	24.51	12.80	0.13	0.39	240	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1327
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.010

Sample ID: SB915-0188-07 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA00139
Field Personnel: AKK
Date: 8-13-14
Weather: muggy mercury 75

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 4.8 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1305
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.13	17.44	11.82	18.87	-201.50	0.04	5.99	340	1.010
10	5.13	17.31	11.83	19.10	-197.20	0.03	4.65	340	
15	5.13	17.59	11.82	19.06	-195.80	0.02	4.59	340	
20	5.13	17.54	11.81	19.03	-192.80	0.02	3.33	360	1.010
25	5.13	17.47	11.81	19.06	-191.90	0.02	2.38	360	
30	5.13	17.44	11.81	19.08	-190.90	0.02	2.28	360	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1335
DO Titrataion = — mg/L
Total volume of groundwater purged: ~3.5 gal.
Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none/none
Specific Gravity 1.010

Sample ID: SB915-0188-08 **Sample Time:** 1352

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-055
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peri pump
Pump/Controller ID#: FA01238
Field Personnel: CAH
Date: 8-13-14
Weather: Humid, 75, Sun, cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 5.21 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1303
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.82	16.73	11.08	19.39	-205.50	0.05	4.54	400	1.008
10	5.98	17.02	11.08	19.67	-205.30	0.04	2.12	400	
15	6.05	17.14	11.12	19.81	-203.40	0.02	0.78	400	
20	6.10	17.23	11.17	19.87	-203.20	0.01	0.89	400	
25	6.11	17.14	11.19	19.98	-202.60	0.01	1.13	400	
30	6.13	17.12	11.22	19.96	-201.40	0.01	0.99	400	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1335
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.008

Sample ID: SB915-0188-09 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 8-12-14
Project #: 1163.51008 | Pump/Controller ID#: FA00139 | Weather: Rain, 70°F

Well information:

Installed Depth of Well*: ft. bmp.
58.54 Measured Depth of Well*: ~~60.60~~ ft. bmp.
Depth to Water*: 16.60 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:10
Initial Observations: *Color* clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.68	13.04	6.16	81.51	11.40	0.22	8.54	300	1.042
10	16.67	12.80	6.16	80.96	13.80	0.13	10.91	300	
15	16.65	12.67	6.17	81.48	15.30	0.13	13.0	300	
20	16.65	12.63	6.17	81.47	16.50	0.12	12.00	300	
25	16.65	12.58	6.17	81.39	17.30	0.09	9.38	300	1.042
30	16.65	12.58	6.17	80.15	18.30	0.13	6.53	300	
35	16.65	12.66	6.17	81.05	18.90	0.09	6.68	300	
40	16.65	13.25	6.17	81.35	19.60	0.14	5.12	300	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1152
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.042

Sample ID: SB915-0187-01 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA 0238
Field Personnel: ACK
Date: 8/12/14
Weather: 72° rainy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ~~20.85~~ 20.82 bmp.
Depth to Water*: 15.60 ft.
Length of Water Column (LWC): 4.65 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1117
Initial Observations: Color clear Odor none Sheen/Free Product none/none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.32	13.19	10.46	9.57	29.10	2.81	2.83	240	1.006
10	16.06	12.85	10.32	9.92	28.80	2.50	6.14	360	1.006
15	16.40	12.66	9.86	10.45	40.60	1.82	3.33	360	
20	17.16	12.67	9.45	10.99	44.50	1.27	2.61	360	
25	18.18	12.62	9.18	11.38	44.90	1.04	7.42	360	
30	18.57	12.62	9.24	11.26	42.30	1.47	30.00	300	1.006
35	18.57	12.58	9.61	11.17	38.60	2.14	76.9	300	
40	19.25	12.62	9.85	11.15	37.20	2.36	45	260	1.006
45	19.23	12.67	9.98	11.19	36.10	2.45	705 NTU	200	
50	19.02	12.80	10.07	11.15	35.80	1.90	664 NTU	200	
55	18.89	12.89	10.05	11.21	36.10	1.71	132 NTU	200	1.006
60	18.83	12.80	10.00	11.29	36.60	1.71	146 NTU	200	
65	18.75	12.94	9.98	11.34	36.70	1.68	115	200	
70	18.70	12.85	9.94	11.45	37.20	1.75	101	200	1.006
75	18.70	12.78	9.93	11.42	37.30	1.68	98	200	
80	18.68	12.89	9.90	11.43	37.50	1.75	74	200	1.006
85	18.66	12.80	9.86	11.52	37.70	1.90	136	200	
90	18.64	12.76	9.86	11.55	37.80	1.87	127	200	
95	18.64	12.76	9.84	11.54	37.80	1.90	120	200	
100	18.64	12.80	9.83	11.51	37.80	1.88	121	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1310
Total volume of groundwater purged: 28 gal.
DO Titrataion = mg/L

Final Observations: Color Odor none Sheen/Free Product none/none
Specific Gravity 1.006

Sample ID: SB915-0187-02 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ~~start~~ start at a slower flow rate (ie, 200 or lower) or depth drops too low and you potentially could run out of water.

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB15-MW-11S
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
100	*Continued from previous page.*								
105	18.64	12.80	9.82	11.53	38.10	1.87	120	200	1.006

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: NA
Field Personnel: JWB
Date: 8.12.14
Weather: ~65°F Rain

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 17.80 ft. bmp.
Depth to Water*: 8.20 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1200
Initial Observations: *Color* Black *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.20	16.09	7.17	5.88	-97.60	0.17	10.21	240	1.002
10	10.23	16.09	7.12	5.98	-83.90	0.13	10.07	200	
15	10.23	16.36	7.07	6.02	-78.70	0.13	8.85	200	
20	10.23	16.36	7.03	6.06	-76.00	0.11	9.49	200	
25	10.23	16.38	7.02	6.01	-73.60	0.05	11.3	200	
30	10.25	16.36	7.02	6.01	-71.20	0.06	9.69	200	
35	10.25	16.23	7.04	6.02	-69.50	0.06	8.67	200	
40	10.25	16.36	7.06	6.07	-69.10	0.08	9.67	200	
45	10.25	16.85	7.07	6.14	-70.30	0.10	8.02	200	
50	10.25	16.74	7.11	5.98	-68.70	0.07	8.20	200	
55	10.25	16.10	7.10	6.12	-67.20	0.07	4.83	200	
60	10.25	16.09	7.12	6.13	-66.70	0.07	4.62	200	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.002

Sample ID: SB915-0187-03 **Sample Time:** 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1115
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA00139
Field Personnel: CAH
Date: 8-7-14
Weather: Sun, 80

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 8.44 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1154
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.02	13.44	6.02	65.84	-41.50	0.08	3.78	300	1.036
10	9.11	13.07	6.05	62.86	-44.30	0.08	22.2	300	
15	9.10	13.10	6.13	56.00	-49.20	0.06	14.8	300	
20	9.08	12.85	6.14	49.52	-53.00	0.05	17.0	300	
25	9.07	12.75	6.23	45.76	-54.90	0.04	9.12	300	
30	9.05	12.84	6.29	41.57	-57.60	0.04	7.30	300	1.020
35	9.05	12.63	6.31	39.29	-58.30	0.04	6.08	300	
40	9.05	12.57	6.34	37.10	-59.60	0.03	5.05	300	
45	9.03	12.71	6.36	35.63	-60.30	0.04	4.16	300	
50	9.03	12.76	6.37	35.14	-60.50	0.03	3.89	300	
55	9.01	12.67	6.38	33.58	-60.60	0.03	2.63	300	1.020
60	9.01	12.57	6.42	32.37	-62.20	0.02	4.94	300	
65	9.00	12.67	6.41	32.39	-61.00	0.02	3.16	300	
70	8.99	12.63	6.42	31.17	-61.00	0.02	2.73	300	
75	8.99	12.59	6.44	31.10	-62.30	0.02	2.82	300	
80	8.99	12.67	6.43	30.34	-61.40	0.02	2.39	300	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1315
DO Titrataion = mg/L
Total volume of groundwater purged: 7 gal.

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.014

Sample ID: SB915-0186-03 **Sample Time:** 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S
Northing: —
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8.7.14
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~78°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 5.65 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1209
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.17	14.94	6.90	6.49	-82.50	0.21	4.46	340	1.004
10	6.21	15.34	6.88	6.33	-78.00	0.15	7.69	340	
15	6.23	15.61	6.86	6.44	-72.70	0.06	1.98	340	
20	6.26	15.15	6.85	6.54	-69.80	0.06	1.33	340	
25	6.27	15.39	6.84	6.60	-66.70	0.05	1.29	340	
30	6.28	15.52	6.84	6.60	-64.70	0.05	0.45	340	
35	6.30	15.61	6.83	6.62	-62.80	0.04	0.33	340	
40	6.32	15.38	6.83	6.61	-61.50	0.05	0.49	340	
45	6.33	15.70	6.82	6.67	-59.80	0.05	0.48	340	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1256
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 4.5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.002

Sample ID: SB915-0186-04 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 8-7-14
Project #: 1163.51008 | Pump/Controller ID#: FA00139 | Weather: Sun, 75

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 66.13 ft. bmp.
Depth to Water*: 8.55 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1052
Initial Observations: Color light grey Odor clear Sheen/Free Product clear

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5 ~~8.90~~ 13.86		13.86	6.32	85.63	-36.30	0.24	50.5	320	1.048
10	8.52	13.40	6.26	84.25	-14.30	0.13	21.4	320	
15	8.52	13.18	6.28	83.50	-13.20	0.08	9.67	340	
20	8.52	13.08	6.23	83.40	-4.00	0.06	5.63	340	
25	8.52	13.07	6.23	82.38	-2.20	0.05	3.92	340	
30	8.52	13.03	6.23	82.84	-1.00	0.04	2.36	340	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.

Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.040

Sample ID: SB915-0186-01 **Sample Time:** 1135

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8-7-14
Weather: ~78°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 8.01 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1048
Initial Observations: *Color* clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.03	14.52	5.96	120.96	2.00	0.27	32.9	300	1.070
10	8.05	14.21	~~5.94~~ 6.05	121.48	4.70	0.16	19.0	300	
15	8.05	13.94	6.08	121.37	8.10	0.12	14.8	300	
20	8.05	13.90	6.09	120.36	9.30	0.10	16.7	300	
25	8.06	13.94	6.10	119.54	10.10	0.10	8.66	300	
30	8.06	13.76	6.11	120.49	10.80	0.09	6.37	300	
35	8.06	13.87	6.11	120.34	10.60	0.08	4.60	300	
40	8.06	15.12	6.10	121.60	7.80	0.09	2.70	300	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 3.5 gal.

Final Observations: *Color* clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.070

Sample ID: SB915-0186-02 **Sample Time:** 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW2-107S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 8-6-14
Weather: 75's h, sun, clouds, nice!

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 22.47 ft. bmp.
Depth to Water*: 3.57 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1010
Initial Observations: Color Clear w/ suspended fan material Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.11	14.85	6.21	59.41	34.30	0.12	51.6	300	1.030
10	6.76	14.84	6.24	58.74	31.60	0.06	11.52	300	
15	7.45	14.74	6.24	58.42	34.90	0.05	8.65	300	
20	7.90	14.75	6.24	58.54	38.40	0.05	5.55	300	
25	8.18	14.66	6.23	58.94	39.00	0.05	7.76	300	1.030
30	8.39	14.52	6.22	59.71	39.50	0.06	4.14	300	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1042
DO Titrataion = mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.030

Sample ID: SB915-0185-01 **Sample Time:** 1100

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: NA
Field Personnel: JWB
Date: 8.6.14
Weather: ~70°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 57.41 ft. bmp.
Depth to Water*: 8.15 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____
Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (____)
5	8.16	15.03	6.53	11.68	5.90	0.08	28.4	320	1.006
10	8.16	14.59	6.52	11.84	12.10	0.05	25.7	320	
15	8.16	14.43	6.52	11.81	15.70	0.04	11.2	320	
20	8.16	14.21	6.52	11.76	18.20	0.03	8.31	320	
25	8.16	14.12	6.52	11.77	20.00	0.02	8.32	320	
30	8.16	13.98	6.53	11.67	21.50	0.02	4.54	320	
35	8.16	13.91	6.53	11.67	22.50	0.02	2.59	320	
40	8.16	14.00	6.53	11.58	23.30	0.02	1.78	320	
45	8.16	14.12	6.53	11.51	24.00	0.01	2.65	320	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.006

Sample ID: SB915-0185-02 **Sample Time:** 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 8-6-14
Weather: Sun, 75, "perfect"

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.42 ft. bmp.
Depth to Water*: 8.61 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1249
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.73	16.60	6.61	32.02	-25.30	0.30	1.00	300	1.014
10	8.81	14.96	6.53	31.94	5.70	0.24	1.62	300	
15	8.80	15.03	6.52	32.01	13.50	0.15	3.81	300	
20	8.83	14.89	6.52	31.89	16.90	0.08	5.26	300	
25	8.84	14.71	6.51	32.25	18.50	0.08	5.44	300	1.014
30	8.85	14.43	6.51	32.27	20.00	0.05	5.72	300	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1320
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.014

Sample ID: SB915-0185-03 **Sample Time:** 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8-6-14
Weather: ~75°F Sunny

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 20.57 ft. bmp.
Depth to Water*: 6.24 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1243
Initial Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.20	16.05	6.13	35.42	-25.10	0.63	3.56	220	1.016
10	7.80	15.70	6.13	35.84	-21.50	0.39	3.52	220	
15	8.08	15.66	6.14	35.77	-19.40	0.17	3.47	220	
20	8.75	15.49	6.16	35.93	-15.10	0.07	4.57	220	
25	9.05	15.78	6.16	35.69	-9.20	0.06	4.15	220	
30	9.52	15.23	6.18	35.70	-6.10	0.05	5.32	220	
35	10.05	15.56	6.18	35.66	-2.10	0.05	4.95	220	
40	10.37	15.14	6.18	35.54	-4.40	0.07	5.87	220	
45	10.82	15.53	6.18	35.22	-6.20	0.06	7.33	220	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 4.0 gal.

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.016

Sample ID: SB915-0185-04 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: CAH
Date: 8-5-14
Weather: Sun, 80

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.48 ft. bmp.
Depth to Water*: 3.60 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 9:44
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.41	16.34	6.92	4.79	-64.50	0.10	3.05	300	1.002
10	5.10	16.35	7.01	3.22	-21.20	0.17	1.04	300	
15	5.37	16.65	7.06	2.25	-6.80	1.26	0.14	300	
20	5.53	16.93	7.08	1.94	14.20	1.44	0.15	300	1.000
25	5.59	17.09	7.07	1.99	16.90	1.44	0.12	320	
30	5.63	17.12	7.08	1.94	21.80	1.43	0.16	320	
35	5.67	17.25	7.09	1.81	28.30	1.48	0.06	320	1.000
40	5.69	17.32	7.10	1.76	29.20	1.49	0.0	320	
45	5.69	17.37	7.10	1.70	30.40	1.47	0.0	320	
50	5.69	17.41	7.11	1.62	31.10	1.49	0.0	320	1.000
55	5.69	17.50	7.12	1.55	30.30	1.44	0.0	320	
60	5.69	17.53	7.13	1.48	30.20	1.48	0.0	320	
65	5.69	17.63	7.14	1.43	30.60	1.45	0.0	320	1.000
70	5.58	17.32	6.83	4.45	-33.90	0.79	0.56	320	
75	5.65	17.44	7.17	1.44	17.00	1.40	0.17	320	
80	5.67	17.59	7.18	1.41	16.90	1.40	0.22	320	1.000
85	5.67	17.61	7.19	1.42	16.50	1.45	0.0	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

new battery

End Purge Time: 1109
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.000

Sample ID: SB915-0184-01 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Changed battery @ 70 min.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing: —
Easting: —

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8.5.14
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~80°F Sunny

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 8.75 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 0944
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.40	16.93	7.46	4.23	-55.80	3.40	14.7	220	1.004
10	9.52	15.70	7.40	4.76	-62.00	2.73	8.55	220	
15	9.60	15.52	7.40	5.03	-64.70	2.32	5.69	220	
20	9.62	15.24	7.32	7.11	-64.30	2.02	3.47	220	
25	9.65	15.23	7.20	12.59	-62.90	0.15	3.94	220	
30	9.70	15.12	7.13	16.95	-61.50	0.09	1.96	220	
35	9.73	15.25	7.13	18.00	-62.00	0.07	1.21	220	
40	9.75	15.17	7.14	18.48	-61.90	0.07	1.90	220	
45	9.78	15.15	7.14	19.05	-61.80	0.06	0.77	220	
50	9.80	15.11	7.13	20.22	-61.40	0.06	0.71	220	
55	9.81	15.16	7.12	21.10	-61.90	0.06	0.41	220	
60	9.82	15.16	7.11	21.81	-61.70	0.04	0.75	220	
65	9.84	15.16	7.10	22.64	-61.10	0.03	0.48	220	
70	9.87	15.03	7.08	24.43	-58.90	0.03	0.43	220	
75	9.87	15.02	7.05	26.39	-57.70	0.04	0.85	220	
80	9.88	15.20	7.04	27.77	-57.70	0.05	0.54	220	
85	9.88	15.10	7.02	29.36	-55.70	0.06	0.20	220	
90	9.91	15.12	7.00	30.93	-54.70	0.05	0.18	220	
95	9.92	15.12	6.98	32.53	-53.70	0.05	0.65	220	
100	9.94	15.16	6.97	33.99	-53.00	0.05	0.24	220	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.016

Sample ID: SB915-0184-02 **Sample Time:** 1140

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 8-5-14
Project #: 1163.51008 | Pump/Controller ID#: | Weather: Sun, 85

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 4.35 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:43
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.47	16.70	6.75	9.53	-47.20	0.02	7.08	400	1.004
10	5.66	16.87	6.89	6.85	-35.20	0.00	2.69	400	
15	5.73	17.22	6.97	4.44	9.30	0.00	1.67	400	
20	5.74	17.38	6.96	4.62	16.00	0.00	0.69	400	
25	5.76	17.54	6.97	4.28	16.50	0.00	0.17	400	1.002
30	5.76	17.59	6.97	4.01	16.00	0.00	0.22	400	
35	5.76	17.60	6.98	3.75	15.40	0.00	0.80	400	
40	5.76	17.65	6.99	3.51	15.40	0.06	0.03	400	
45	5.80	17.70	7.00	3.26	15.90	0.00	0.07	400	
50	5.81	17.72	7.00	3.07	16.80	0.00	0.00	400	1.000
55	5.81	17.78	7.00	2.93	19.40	0.02	0.13	400	
60	5.81	17.85	6.98	2.89	22.30	0.07	0.07	400	
65	5.81	17.90	6.95	2.87	24.80	0.10	0.12	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1350
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.000

Sample ID: SB915-0184-03 **Sample Time:** 14:05

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Peristaltic | Date: 8.5.14
Project #: 1163.51008 | Pump/Controller ID#: — | Weather: ~81°F Sun/Clouds

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 24.70 ft. bmp.
Depth to Water*: 8.21 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1237
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.62	18.22	6.87	15.31	-19.20	0.10	33.1	140	1.006
10	10.00	17.38	6.85	15.53	-14.00	0.06	57.9	240	
15	10.35	17.31	6.84	15.76	-10.90	0.05	70.0	240	
20	10.68	17.85	6.87	14.52	-17.20	0.04	37.4	240	
25	10.83	17.44	6.85	15.31	-10.10	0.04	99.8	240	
30	10.96	17.39	6.85	15.15	-7.80	0.04	93.1	240	
35	11.01	17.36	6.86	14.76	-9.10	0.03	98.3	240	
40	11.10	17.27	6.81	14.46	-10.50	0.03	97.5	240	
45	11.15	17.00	6.90	14.07	-12.20	0.03	112.0	240	
50	11.23	16.83	6.91	13.68	-14.90	0.03	109.8	240	
55	11.27	16.68	6.94	13.14	-17.20	0.03	103.3	240	
60	11.28	16.64	6.95	12.89	-19.20	0.04	104.2	240	
65	11.29	16.66	6.96	12.62	-20.80	0.03	89.4	240	
70	11.31	16.46	6.97	12.37	-20.30	0.03	83.3	240	
75	11.31	16.59	6.98	12.24	-22.50	0.03	87.6	240	
80	11.31	16.78	6.98	12.03	-22.50	0.03	95.1	240	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1408
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* clear/milky *Odor* No *Sheen/Free Product* No
Specific Gravity 1.004

Sample ID: SB915-0184-04 **Sample Time:** 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 8.4.14
Weather: ~80°F Sun/clouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 3.64 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1120
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.64	17.99	7.12	2.54	22.90	2.07	8.19	260	1.000
10	4.80	18.03	7.07	3.15	10.70	1.86	8.28	260	
15	5.00	18.38	7.06	3.42	9.10	1.71	4.07	260	
20	5.22	18.50	7.04	3.44	6.00	1.57	3.73	260	
25	5.65	19.07	7.05	4.80	2.90	1.31	3.37	240	
30	5.65	18.57	7.00	4.88	5.70	1.32	2.99	240	
35	5.78	18.52	7.00	5.34	7.20	1.09	3.42	240	
40	5.90	18.67	6.98	5.76	7.00	0.99	2.52	240	
45	5.98	18.27	6.98	6.01	3.80	1.01	2.56	240	1.001
50	6.05	18.12	6.98	6.40	0.90	1.00	2.41	240	
55	6.17	18.47	6.93	8.13	-1.40	0.86	2.36	240	
60	6.34	18.22	6.96	7.48	-1.00	0.93	2.25	240	
65	6.42	17.77	6.93	8.20	-1.80	0.87	2.48	240	
70	6.53	17.63	6.92	8.85	-2.60	0.78	2.02	240	
75	6.66	17.83	6.84	9.87	-2.80	0.69	1.81	240	
80	6.71	17.90	6.88	10.24	-7.30	0.55	1.83	240	
85	6.93	17.95	6.87	10.56	-0.20	0.48	1.72	240	
90	7.00	17.86	6.84	11.64	-0.60	0.43	2.24	240	
95	7.08	18.03	6.84	12.17	0.20	0.35	1.92	240	
100	7.15	17.90	6.81	13.10	-0.10	0.31	1.84	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1348
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.010

Sample ID: SB915-0183-02 **Sample Time:** 1410

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-118S
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Density)
Continued from previous page.									
100	7.28	17.55	6.80	13.56	0.00	0.29	2.20	240	
105	7.25	17.59	6.72	17.73	-0.30	0.27	2.63	200	
110	7.30	17.88	6.75	17.14	0.60	0.19	2.68	200	
115	7.35	17.23	6.75	17.14	1.80	0.18	1.63	200	
120	7.40	17.29	6.74	17.92	1.90	0.16	1.71	200	
125	7.44	17.16	6.74	18.14	2.90	0.14	1.56	200	
130	7.53	17.11	6.73	18.62	3.80	0.14	1.01	200	
135	7.55	17.14	6.73	18.88	4.30	0.13	1.05	200	
140	7.58	17.06	6.72	19.85	5.30	0.15	0.89	200	
145	7.60	17.06	6.72	19.85	5.30	0.15	0.71	200	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: ~~S-4~~ CAH
Date: 8-4-14
Weather: Warm, 80°F Sun, Clouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 3.09 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1122
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.09	15.12	6.90	10.03	-23.30	0.76	8.50	380	1.006
10	3.09	14.75	6.90	10.18	-10.90	1.08	11.4	380	
15	3.09	14.53	6.90	10.21	-6.90	0.90	6.51	380	1.006
20	3.09	14.44	6.91	10.17	-5.0	0.81	4.29	380	
25	3.09	14.57	6.91	10.08	-3.7	~~3.45~~ 0.71	3.45	380	
30	3.09	14.53	6.91	10.03	-2.7	0.61	2.76	380	
35	3.09	14.62	6.91	10.01	-2.3	0.45	1.67	380	
40	3.09	14.26	6.91	10.05	-1.7	0.40	1.14	380	1.006
45	3.09	14.21	6.91	10.00	-1.3	0.32	1.27	380	
50	3.09	14.30	6.91	9.94	-1.4	0.26	2.05	380	1.006
55	3.09	14.21	6.91	9.90	-1.6	0.24	1.81	380	
60	3.09	14.08	6.92	10.01	-1.3	0.19	1.95	380	
65	3.09	13.99	6.92	9.98	-1.5	0.18	1.47	380	
70	3.09	13.89	6.92	9.96	-1.5	0.16	1.42	380	1.006
75	3.09	13.98	6.92	9.92	-1.8	0.15	0.99	380	
80	3.09	14.04	6.92	9.92	-2.0	0.14	1.60	380	
85	3.09	14.07	6.92	9.90	-2.0	0.13	3.46	380	
90	3.09	14.17	6.92	9.88	-2.3	0.12	0.69	380	1.006
95	3.09	14.30	6.92	9.86	-2.0	0.10	1.44	380	
100	3.09	14.13	6.92	10.18	-2.3	0.06	0.71	380	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:20
DO Titrataion = mg/L
Total volume of groundwater purged: 13 gal.
Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.006

Sample ID: SB915-0183-01 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-118BR
Northing: _____
Easting: _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	3.09	14.12	6.92	10.15	-2.2	0.05	0.43	380	
110	3.09	14.03	6.92	10.10	-2.5	0.05	0.63	380	
115	3.09	14.03	6.92	10.10	-2.6	0.05	0.72	380	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes: _____

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APPENDIX B

4th Quarter 2014 Groundwater Sampling Logs

2014 4th Qtr SB915 Closure Monitoring Well List

Monitoring Well	Site	Lab	Analysis	Sampled By	Sample Date	Field ID	Sampling Method: Peri	Sampling Method: Grundfos	Sampling Method: Bailer	QC
WB18-MW-14D	WB18	TAL	Expanded	AJF	11-19-14	SB915-0220-01		X		—
WB18-MW-14BR	WB18	TAL	Expanded	CAH	11-19-14	SB915-0220-02		X		—
SB915-IMW-01S	SB 9-11	TAL	Expanded	KJK	12-1-14	SB915-0222-02		X		—
SB915-IMW-02S	SB 9-11	TAL	Expanded	AJF	12-1-14	SB915-0222-03		X		—
SB915-IMW-03S	SB 9-11	TAL	Expanded	CAH	12-1-14	SB915-0222-04		X		—
SB915-IMW-04S	SB 9-11	TAL	Expanded	MJW	11-21-14	SB915-0221-04	X			—
SB915-IMW-05S	SB 9-11	TAL	Expanded	CAH	11-21-14	SB915-0221-02		X		—
SB915-IMW-06S	SB 9-11	TAL	Expanded	AJF	11-21-14	SB915-0221-03		X		—
SB915-MW-108BR	SB 9-11	TAL	Expanded	CAH	11-18-14	SB915-0219-04,05,06		X		MS, MSD
SB915-MW-108D	SB 9-11	TAL	Expanded	~~CAH~~ AJF	11-18-14	SB915-0219-01		X		—
SB915-MW-108S	SB 9-11	TAL	Expanded	Dry	11-18-14					
SB915-MW-109I	SB 9-11	TAL	Expanded	CAH	11-13-14	SB915-0216-01		X		—
SB915-MW-109S	SB 9-11	TAL	Expanded	JWB	11-13-14	SB915-0216-02		X		—
SB915-MW-110S	SB 9-11	TAL	Expanded	JWB	11-21-14	SB915-0221-01		X		—
SB915-MW-111BR	SB 9-11	TAL	Expanded	JWB	11-5-14	SB915-0210-02		X		—
SB915-MW-111D	SB 9-11	TAL	Expanded	JWB	11-3-14	SB915-0208-02		X		—
SB915-MW-111I	SB 9-11	TAL	Expanded	CAH	11-3-14	SB915-0208-01		X		—
SB915-MW-111S	SB 9-11	TAL	Expanded	CAH	11-5-14	SB915-0210-01		X		—
SB915-MW-112I	SB 9-11	TAL	Expanded	~~JWB~~ CAH	~~11-5-14~~ 11-6-14	~~SB915-0210-02~~ SB915-0211-01		X		—
SB915-MW-112S	SB 9-11	TAL	Expanded	JWB	11-6-14	Not enough water				
SB915-MW-113S	SB 9-11	TAL	Expanded	KJK	12-3-14	SB915-0224-06		X		—
SB915-MW-40S	SB 9-11	TAL	Expanded							
SB915-MW-42D	SB 9-11	TAL	Expanded	CAH	11-12-14	SB915-0215-01		X		—
SB915-MW-42I	SB 9-11	TAL	Expanded	~~JWB~~ (Not Enough water)						
SB915-MW-42S	SB 9-11	TAL	Expanded	Dry -	11-12-14					
SB915-MW-43S	SB 9-11	TAL	Expanded	DRY						
SB915-MW-50S	SB 9-11	TAL	Expanded	DRY						
SB915-MW-51S	SB 9-11	TAL	Expanded	DRY						
SB915-MW-53D	SB 9-11	TAL	Expanded	AJF	12-3-14	SB915-0224-01,02		X		FD(01)
SB915-MW-53I	SB 9-11	TAL	Expanded	Dry	12-3-14					
SB915-MW-53S	SB 9-11	TAL	Expanded	Dry	12-3-14					
SB915-MW-59S	SB 9-11	TAL	Expanded	CAH	12-3-14	SB915-0224-03,04,05		X		MS/MSD
SB915-MW-60S	SB 9-11	TAL	Expanded	JWB	11-18-14	SB915-0219-02,03		X		FD(03)
SB915-MW-70D	SB 9-11	TAL	Expanded	CVV	11-14-14	SB915-0217-02		X		—
SB915-MW-70S	SB 9-11	TAL	Expanded	MJW	11-14-14	SB915-0217-01		X		—
SB915-MW-85D	SB 9-11	TAL	Expanded	~~CAH~~ JWB	12-3-14	SB915-0224-07		X		—
SB915-WB-05L	SB 9-11	TAL	Expanded	JWB	12-1-14	SB915-0222-01	X			- (well obstructed @ ~4' btoc)
SB915-WB-05M	SB 9-11	TAL	Expanded	CAH	11-14-14	SB915-0217-04		X		—
SB915-WB-05R	SB 9-11	TAL	Expanded	JWB	11-14-14	SB915-0217-03		X		—
SB915-WB-05U	SB 9-11	TAL	Expanded	JWB	11-14-14	Dry				
SB915-WB-06	SB 9-11	TAL	Expanded	JWB	11-20-14	SB915-0220-03		X		-
SB915-WB-07L	SB 9-11	TAL	Expanded	CAH	11/10/14	SB915-0213-01		X		—
SB915-WB-07R	SB 9-11	TAL	Expanded	JWB	11/10/14	SB915-0213-03		X		—
SB915-WB-07U	SB 9-11	TAL	Expanded	CVV	11/10/14	SB915-0213-02		X		—
SB915-WB-09L	SB 9-11	TAL	Expanded	CAH	11/18/14	SB915-0218-03		X		—
SB915-WB-09U	SB 9-11	TAL	Expanded	Dry	11/18/14					
SB915-WB-10L	SB 9-11	TAL	Expanded	AJF	11/18/14	SB915-0218-02		X		—
SB915-WB-10U	SB 9-11	TAL	Expanded	JWB	11/18/14	Dry				
SB915-MW-01	SB 12-15	TAL	Expanded	JWB	11-7-14	SB915-0212-02	X			—
SB915-MW-03	SB 12-15	TAL	Expanded	CAH	11-4-14	SB915-0209-01,02		X		FD(02)
SB915-MW-04	SB 12-15	TAL	Expanded	JWB	11-4-14	SB915-0209-03		X		—
SB915-MW-104I	SB 12-15	TAL	Expanded	JWB	11-7-14	SB915-0212-01		X		—
SB915-MW-104S	SB 12-15	TAL	Expanded	Not enough water	12-4-14					
SB915-MW-105BR	SB 12-15	TAL	Expanded	KJK	12-4-14	SB915-0225-02		X		—
SB915-MW-105S	SB 12-15	TAL	Expanded	Dry	12-4-14					
SB915-MW-106I	SB 12-15	TAL	Expanded	JWB	10-28-14	SB915-0204-02		X		—
SB915-MW-106S	SB 12-15	TAL	Expanded	CAH	10-28-14	SB915-0204-01		X		—
SB915-MW-107BR	SB 12-15	TAL	Expanded	JWB	10-27-14	SB915-0203-01		X		—
SB915-MW-107D	SB 12-15	TAL	Expanded	CAH	10-27-14	SB915-0203-02		X		—
SB915-MW-107I	SB 12-15	TAL	Expanded	JAK	10-27-14	SB915-0203-03		X		—
SB915-MW-107S	SB 12-15	TAL	Expanded	JWB	10-29-14	SB915-0205-03		X		—
SB915-MW-114BR	SB 12-15	TAL	Expanded							
SB915-MW-115BR	SB 12-15	TAL	Expanded	CAH	10-29-14	SB915-0205-05		X		—
SB915-MW-116S	SB 12-15	TAL	Expanded	CAH	10-29-14	SB915-0205-02		X		—
SB915-MW-117S	SB 12-15	TAL	Expanded	JWB/CAH	10-30-14	SB915-0206-01	X			—
SB915-MW-118BR	SB 12-15	TAL	Expanded	JWB	10-23-14	SB915-0202-02		X		—
SB915-MW-118S	SB 12-15	TAL	Expanded	JAK	10-29-14	SB915-0205-01	X			—
SB915-MW-36D	SB 12-15	TAL	Expanded	CAH	11-11-14	SB915-0214-01		X		—
SB915-MW-36I	SB 12-15	TAL	Expanded	JWB	11-11-14	SB915-0214-02		X		—
SB915-MW-36S	SB 12-15	TAL	Expanded	Dry	11-11-14					
SB915-PW-04(B1-03)	SB 12-15	TAL	Expanded							
SB915-PW-05(CMS-02)	SB 12-15	TAL	Expanded							
SB915-PZ-07D	SB 12-15	TAL	Expanded	CAH	10-31-14	SB915-0207-04		X		—
SB915-PZ-07I	SB 12-15	TAL	Expanded	JWB	10-31-14	SB915-0207-01,02,03		X		MS/MSD
SB915-PZ-07S	SB 12-15	TAL	Expanded							
SB915-WB-01L	SB 12-15	TAL	Expanded	CAH	12-2-14	SB915-0223-01		X		—
SB915-WB-03L	SB 12-15	TAL	Expanded	AJF	12-2-14	SB915-0223-02	X			—
SB915-WB-15B	SB 12-15	TAL	Expanded							
SB915-WB-15S	SB 12-15	TAL	Expanded							

Date	COC #
10/23/14	0202
10/27/14	0203
10/28/14	0204
10/29/14	0205
10/30/14	0206
10/31/14	0207
11/3/14	0208
11/4/14	0209
11/5/14	0210
11/6/14	0211
11/7/14	0212
11/10/14	0213
11/11/14	0214
11/12/14	0215
11/13/14	0216
11/14/14	0217
11/18/14	0218
11/18/14	0219
11/19/14	0220
11/21/14	0221
~~12/1/14~~ 12/2/14	0222
12/2/14	0223
12-3-14	0224
12-4-14	0225

Equipment Blank Date
11/5/14
11/21/14
12/4/14

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: 1817
Field Personnel: KJK
Date: 12/4/14
Weather: Mostly Sunny ~25°

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.50 ft. bmp.
Depth to Water*: 60.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1041
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	60.56	9.96	7.36	1.03	-73.60	1.51	13.8	460	1.000
10	60.45	11.33	7.42	1.06	-82.50	0.96	9.23	460	
15	60.61	14.55	7.57	0.97	-77.10	1.55	7.43	120	
20	60.61	12.55	7.28	1.14	-90.10	0.39	10.13	420	
25	60.64	12.77	7.38	1.11	-87.40	0.43	4.49	360	
30	60.51	13.51	7.37	1.12	-86.90	0.44	3.74	180	
35	60.55	13.53	7.43	1.08	-79.20	0.51	4.43	400	
40	60.48	13.42	7.38	1.12	-83.40	0.47	3.94	220	
45	60.58	13.05	7.47	1.11	-82.70	0.44	6.37	380	
50	60.49	14.78	7.46	1.11	-83.70	0.39	6.34	340	
55	60.41	13.51	7.36	1.11	-75.80	0.42	9.87	140	
60	60.43	14.01	7.49	1.14	-85.30	0.40	10.10	220	
65	60.59	14.82	7.48	1.11	-82.00	0.40	11.5	360	
70	60.53	14.48	7.50	1.13	-84.40	0.41	8.67	240	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1152
Total volume of groundwater purged: 6 gal.
DO Titration = mg/L
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0225-02 Sample Time: 1360

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-53I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date: 12-3-14
Weather: Cloudy, 40

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 51.58 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to sample, well does not produce water								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00122 / FA01448
Field Personnel: AJF
Date: 12/3/14
Weather: Overcast, 40°

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 124.05 ft. bmp.
Depth to Water*: 67.89 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:18
Initial Observations: Color Clear Odor Slight Sulfur Sheen/Free Product No

Indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	67.89	10.15	6.92	1.63	-29.90	0.29	160	340	1.002
10	67.89	10.21	6.96	1.71	-40.40	0.32	123	380	—
15	67.90	11.19	6.98	1.82	-37.10	0.14	111	610	—
20	67.89	11.45	7.04	2.07	-32.80	0.16	92.8	300	—
25	67.89	11.13	7.08	2.11	-27.30	0.14	68.1	400	—
30	67.89	11.41	7.07	2.12	-25.20	0.10	44.5	440	—
35	67.89	11.65	7.10	2.14	-24.70	0.08	28.6	460	—
40	67.89	11.73	7.11	2.16	-23.90	0.08	29.4	450	—
45	67.89	11.82	7.11	2.15	-26.30	0.08	30.3	460	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:03
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.001

Sample ID: SB915-0224-02 (01 FD) Sample Time: 1150

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169/FA01817
Field Personnel: CAH
Date: 12-3-14
Weather: Cloudy, 40

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.83 ft. bmp.
Depth to Water*: 12.35 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:49
Initial Observations: Color light white Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.37	13.16	6.92	21.28	-65.00	0.11	79	400	1.014
10	12.38	12.73	7.00	21.59	-65.00	0.06	113	400	
15	12.38	12.45	7.02	21.66	-63.20	0.04	65.6	400	
20	12.38	12.38	7.04	21.77	-62.10	0.03	26.0	400	
25	12.39	12.36	7.04	21.83	-61.00	0.02	11.5	400	
30	12.39	12.45	7.05	21.89	-60.60	0.02	6.33	400	
35	12.34	12.41	7.05	21.89	-59.70	0.02	4.52	400	
40	12.39	12.41	7.05	21.91	-59.10	0.02	3.11	400	
45	12.39	12.27	7.06	21.94	-58.40	0.01	2.40	400	
50	12.39	12.28	7.06	21.97	-58.10	0.01	2.03	400	
55	12.39	12.28	7.06	21.98	-57.90	0.01	1.85	400	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:45
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.010

Sample ID: SB915-0224-03,04,05 (MS, MSD) Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW2-1135
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: /635
Field Personnel: KSK
Date: 12/3/14
Weather: ~40° F Overcast

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 11.20 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1055
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.45	11.39	8.11	34.23	-223.30	0.30	9.	220	1.012
10	12.84	12.11	7.43	34.05	-186.40	0.24	25	240	
15	13.12	12.75	7.37	32.52	-184.90	0.18	22	160	
20	13.13	12.90	7.31	32.40	-178.52	0.17	35	200	
25	13.12	12.94	7.54	31.90	-211.10	0.14	17	200	
30	13.12	12.98	7.83	31.15	-248.30	0.12	75.8	200	
35	13.14	13.02	8.02	30.75	-268.20	0.10	57.0	200	
40	13.13	13.06	8.18	30.25	-288.90	0.09	53.4	200	
45	13.13	13.03	8.27	29.99	-301.20	0.08	53.5	200	
50	13.16	13.07	8.30	30.25	-325.90	0.09	49.3	200	
55	13.19	13.07	8.24	31.11	-314.90	0.09	44.6	200	
60	13.18	13.16	8.36	30.04	-341.10	0.08	52.6	200	
65	13.18	13.14	8.45	29.25	-368.70	0.08	49.8	200	
70	13.25	13.16	8.48	29.18	-383.80	0.08	53.4	200	
75	13.30	13.16	8.36	30.29	-370.60	0.08	57.4	200	
80	13.30	13.16	8.44	29.60	-387.40	0.08	52.3	200	
85	13.30	13.07	8.49	28.99	-400.20	0.07	53.4	200	
90	13.32	13.16	8.51	29.57	-432.60	0.07	56.1	200	
95	13.31	13.1	8.51	29.06	-451.60	0.07	54.2	200	
100	13.33	13.16	8.53	29.44	-443.20	0.07	51.1	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor Sulfur Sheen/Free Product None
Specific Gravity 1.016

Sample ID: SB915-0224-06 Sample Time: 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-113S
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	13.41	13.11	8.52	29.47	-442.9	0.07	50.4	200	1.016

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D
Northing: —
Easting: —

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 12-3-14
Project #: 1163.51008 | Pump/Controller ID#: FA01168 / FA00137 | Weather: ~45°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 12.97 ft.
Length of Water Column (LWC): 66.77 in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1100
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.20	10.92	6.19	109.00	-48.10	0.12	821	460	1.060
10	13.20	11.10	6.41	108.41	-63.20	0.05	115	460	
15	13.20	11.21	6.51	108.01	-66.50	0.04	55	460	
20	13.20	11.24	6.58	109.72	-66.90	0.03	116	460	
25	13.20	11.10	6.61	109.80	-65.60	0.03	70.3	460	
30	13.20	11.04	6.63	110.05	-64.70	0.03	67.3	460	
35	13.20	11.14	6.65	110.27	-64.70	0.02	43.3	460	
40	13.20	11.19	6.66	109.16	-64.70	0.02	31.8	460	
45	13.20	11.10	6.67	109.27	-64.10	0.02	26.8	460	
50	13.20	10.93	6.68	109.64	-64.00	0.02	20.8	460	
55	13.20	11.09	6.68	110.50	-64.10	0.02	15.9	460	
60	13.20	11.19	6.68	108.92	-64.20	0.01	15.6	460	
65	13.20	11.08	6.69	110.17	-63.70	0.01	12.2	460	
70	13.20	11.10 10.95	6.69	110.15	-63.60	0.01	11.54	460	
75	13.20	11.05	6.69	110.36	-63.50	0.01	11.65	460	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.060

Sample ID: SB915-0024-07 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-03L
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: NA
Field Personnel: AJF
Date: 12/2/14
Weather: ~23°F Sunny

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 28.81 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1012
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.06	8.56	6.69	43.06	-24.30	0.10	24.8	400	1.028
10	29.06	8.66	6.54	51.69	-19.90	0.08	32.0	400	—
15	29.06	8.65	6.49	52.83	-13.70	0.06	11.5	400	—
20	29.06	8.66	6.46	53.13	-10.90	0.06	9.17	400	—
25	29.06	8.70	6.44	53.95	-8.30	0.05	6.43	400	—
30	29.06	8.75	6.42	55.09	-6.30	0.05	4.92	400	—
35	29.06	8.80	6.41	55.59	-3.70	0.05	4.74	400	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1048
Total volume of groundwater purged: 4 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.028

Sample ID: SB915-0223-02 Sample Time: 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01746/FA00635
Field Personnel: CAH
Date: 12-2-14
Weather: Sun, 30

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.836 ft. bmp.
Depth to Water*: 68.77 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:00
Initial Observations: Color Clear Odor NO some sulfur Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.92	10.53	7.10	1.50	-54.80	0.49	17.6	360	1.002
10	25.93	10.95	7.10	1.58	-57.00	0.33	14.7	400	
15	25.93	11.00	7.10	1.58	-46.10	0.27	18.7	400	
20	25.93	11.06	7.11	1.58	-43.70	0.24	11.5	400	
25	25.93	11.11	7.11	1.59	-41.70	0.22	8.23	390	
30	25.93	10.99	7.12	1.58	-39.70	0.21	6.33	380	
35	25.91	11.04	7.12	1.59	-38.50	0.19	4.72	380	1.000
40	25.91	10.90	7.13	1.58	-36.50	0.19	3.54	380	
45	25.91	10.85	7.12	1.59	-34.90	0.21	3.22	380	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:45
DO Titration = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.000

Sample ID: SB915-0223-01 Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-015
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Ground Fos
Pump/Controller ID#: 504 / 137
Field Personnel: JCSK
Date: 12/1/14
Weather: Overcast ~35°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 8.18 ft.
Length of Water Column (LWC): 11.87 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1101
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity (SG)
5	9.75	12.65	6.29	31.08	22.20	0.24	46.5	400	1.014
10	9.90	12.85	6.27	30.46	16.40	0.34	33.5	200	
15	9.05	13.02	6.34	28.90	10.40	0.46	29.0	160	
20	9.19	13.02	6.39	28.27	7.30	0.53	19.2	140	
25	9.33	13.02	6.39	28.64	8.30	0.57	15.6	120	
30	9.43	13.15	6.40	28.54	10.60	0.67	16.4	120	
35	9.58	~~13.15~~	~~6.40~~	~~28.54~~ (1)			14.2	180	
40									
45									
50									
55	9.94	13.29	6.39	28.39	11.80	0.70	13.3	160	
60	10.05	13.93	6.39	28.13	20.70	0.60	8.97	200	
65	10.17	13.61	6.38	28.47	23.60	6.49	6.98	120	
70	10.31	14.47	6.39	27.47	17.40	0.50	5.91	140	
75	10.45	13.93	6.40	27.42	23.30	0.42	5.34	120	
80	10.53	14.07	6.36	28.38	23.90	0.40	6.71	180	
85	10.68	14.20	6.39	27.40	24.50	0.28	5.20	120	
90	10.81	14.38	6.37	27.56	22.90	0.19	5.15	200	
95	10.94	13.63	6.38	27.67	22.80	0.14	4.91	140	
100	11.09	13.90	6.39	26.95	19.70	0.13	5.32	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1256
Total volume of groundwater purged: 5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.010

Sample ID: WR915-0222-02 Sample Time: 1435

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Reading skipped on In-Situ. Person ~~unknown~~ lost connection.

Pg 1 of 2

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-TMW-01S
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	11.21	13.24	6.38	27.73	23.20	0.12	4.28	180	
110	11.33	13.56	6.36	28.33	21.10	0.12	4.88	140	
115	11.47	13.04	6.36	28.32	21.30	0.12	4.19	120	1010

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-057
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JLB
Date: 12/1/14
Weather: ~35°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 12.60 ft. bmp.
Depth to Water*: 16.37 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1117
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.37	10.68	5.79	135.27	38.00	0.14	5.24	500	1.074
10	16.37	10.48	5.95	134.88	32.20	0.10	4.51	500	
15	16.37	10.45	6.00	134.21	32.40	0.09	3.25	500	
20	16.37	10.32	6.03	135.21	33.40	0.07	2.47	500	
25	16.37	10.26	6.04	135.78	34.60	0.07	2.05	500	
30	16.37	10.30	6.05	134.85	35.10	0.06	1.69	500	
35	16.37	10.37	6.05	136.72	35.30	0.06	1.56	500	
40	16.37	10.37	6.06	134.69	35.70	0.05	2.06	500	
45	16.37	10.36	6.06	134.75	36.10	0.05	2.37	500	
50	16.37	10.30	6.06	134.02	36.10	0.05	1.38	500	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.076

Sample ID: SB915-0222-01 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: ~~Grundfos~~ MP Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168 / FA00635
Field Personnel: AJF
Date: 12/1/14
Weather: Overcast 35°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 6.34 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:35
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.55	12.98	6.31	50.09	-36.40	1.79	38.4	~200	1.024
10	11.53							600	
90 15	11.53	14.75	6.37	50.12	-34.1	1.98	21.2	260	
20	11.54	14.61	6.33	51.63	-35.5	1.70	15.7	260	
25	11.56	14.66	6.33	51.98	-35.8	1.60	17.6	240	
30	11.64	14.75	6.31	53.08	-37.0	1.46	17.1	280	
35	11.80	14.84	6.31	52.79	-37.8	1.23	~~28.9~~ 27.2	250	
40	11.77	14.65	6.29	53.75	-39.4	1.05	26.7	260	
45	11.86	14.75	6.29	53.77	-40	1.88	31.6	250	
50	11.54	14.79	6.26	55.54	-41.6	0.75	42.1	230	
55	11.67	14.79	6.28	54.45	-41.8	0.70	39.2	250	
60	12.20	15.35	6.30	55.39	-43.1	0.60	28.7	~~260~~	
65	12.55	15.21	6.26	54.61	-41.9	0.53	21.1	Adj. ~300	
70	12:54	14.88	6.26	55.99	-41.8	0.50	52.6	270	
75	12.59	14.98	6.27	55.02	-42.6	0.71	54.6	250	
80	12.64	15.01	6.27	55.88	-42.7	0.74	51.6	280	
									1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:05
Total volume of groundwater purged: 7.5 gal.
DO Titration = mg/L

Final Observations: Color clear Odor Slight sulfur Sheen/Free Product No
Specific Gravity 1.026

Sample ID: SB915-0222-03 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

77.7 Hz

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-03S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: F401746/F401817
Field Personnel: CAH
Date: 12-1-14
Weather: Cloudy, 35

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 8.96 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:48
Initial Observations: Color dark grey Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.08	11.80	6.21	65.71	-76.40	0.14	23.9	180	1.032
10	10.45	11.90	6.24	64.75	-74.90	0.11	16.6	180	
15	10.64	12.50	6.25	63.09	-74.50	0.10	14.9	180	
20	10.97	12.86	6.30	57.56	-75.80	0.10	21.4	220	
25	11.40	12.49	6.32	54.94	-71.50	0.10	21.2	200	
30	11.58	12.50	6.33	53.65	-67.10	0.08	23.9	180	1.026
35	11.54	12.82	6.32	53.99	-63.30	0.07	29.3	180	
40	11.60	13.41	6.32	52.63	-60.30	0.05	32.6	240	
45	11.60	13.91	6.32	51.58	-58.60	0.04	33.9	340	
50	11.70	13.56	6.32	49.76	-54.10	0.03	34.1	320	
55	11.91	12.775	6.33	51.315	-49.905	0.055	37.05	200	
60	11.97	13.22	6.32	49.06	-50.40	0.02	39.9	200	
65	12.05	12.91	6.32	52.03	-52.10	0.04	28.3	200	1.024
70	12.25	13.09	6.32	53.00	-53.70	0.04	22.0	200	
75	12.30	13.11	6.32	53.94	-55.40	0.04	18.3	200	
80	12.42	13.41	6.33	54.27	-57.60	0.04	15.3	200	
85	12.55	13.19	6.33	55.06	-58.60	0.04	11.8	200	
90	12.65	13.28	6.33	55.32	-60.00	0.04	11.29	200	1.024
95									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.024

Sample ID: SB915-0222-04 Sample Time: 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00504 / FA00635
Field Personnel: JLB
Date: 11-21-14
Weather: ~23°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 5.30 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1100
Initial Observations: Color V. Light Brown Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.90	11.96	6.49	7.59	-51.00	0.21	788	320	1.006
10	5.94	12.38	6.49	7.42	-53.60	0.08	182	400	
15	5.94	12.61	6.52	7.66	-55.60	0.08	33.6	400	
20	5.96	12.14	6.53	7.98	-54.20	0.06	22.3	400	
25	5.97	11.82	6.53	8.22	-51.60	0.04	12.3	400	
30	5.97	11.73	6.53	8.34	-50.50	0.03	6.81	400	
35	6.00	11.74	6.54	8.43	-50.00	0.03	6.14	400	
40	6.00	11.80	6.54	8.45	-49.30	0.02	5.14	400	
45	6.00	11.94	6.55	8.42	-48.90	0.02	4.80	400	
50	6.00	11.82	6.56	8.49	-48.30	0.02	3.44	400	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5.0 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.006

Sample ID: SB915-0221-01 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-2MW-05S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01746/FA01448
Field Personnel: CAH
Date: 11-21-14
Weather: light snow, 25°

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 5.30 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:37
Initial Observations: Color light white Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.83	12.94	11.48	25.92	-114.40	0.26	42.0	400	1.010
10	5.89	13.31	11.49	25.66	-107.60	0.78	15.3	400	
15	5.93	13.28	11.53	25.92	-106.60	0.62	8.17	400	
20	5.96	13.66	11.55	25.84	-107.80	0.42	5.96	420	
25	6.00	14.12	11.55	25.77	-109.00	0.30	3.04	420	
30	6.03	14.25	11.56	25.70	-109.00	0.22	2.73	420	
35	6.03	14.38	11.57	25.61	-109.10	0.17	1.70	420	
40	6.03	13.94	11.58	25.88	-107.60	0.17	1.34	420	
45	6.03	13.53	11.60	26.14	-106.10	0.15	1.75	420	
50	6.03	13.52	11.60	26.06	-107.40	0.13	2.21	420	1.010
55	6.03	13.52	11.61	26.00	-106.50	0.12	1.43	420	
60	6.03	13.48	11.61	25.94	-106.30	0.12	0.91	420	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
Total volume of groundwater purged: 8 gal.
DO Titrataion = ____ mg/L
Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.010

Sample ID: SB915-0221-02 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822/FA01817
Field Personnel: AJF
Date: 11/21/14
Weather: Sunny, 30°

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 4.52 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:29 + 11:00 sec
Initial Observations: Color Clear Odor Fishy Sheen/Free Product No

5 | 5.4 | 13.33 | 11.79 | 23.2 | indicate units | 69.3 | 0.53 | — | 260 | 300

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
10	5.5	13.55	11.81	23.31	-170.7	0.38	4.56	~~240~~ 250	1.012
15	—	13.60	11.82	23.42	-171.1	0.27			
20	—	13.82	11.83	22.93	-171.4	0.18			
5	5.16	14.27	11.83	23.02	-173.3	0.12	2.30	240	—
10	5.64	14.59	11.83	23.08	-174.5	0.10	2.24	220	—
15	5.58	14.84	11.84	22.85	-173.3	0.11	2.27	280	—
20	5.56	14.19	11.87	23.23	-172.4	0.11	1.87	300	—
25	5.62	13.87	11.88	23.46	-171.5	0.12	2.36	300	—
30	5.60	13.91	11.88	23.63	-172.3	0.11	1.63	340	—
									—
									—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

600 700 800 DATA Erratic

End Purge Time: 11:34
Total volume of groundwater purged: 5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor Fishy Sheen/Free Product No
Specific Gravity 1.010

Sample ID: SB915-0221-03 Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: ~~peristaltic~~ low flow
Equipment Used: peristaltic
Pump/Controller ID#: FA01238
Field Personnel: MJW
Date: 11/21/14
Weather: partly sunny 25°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 17.80 ft. bmp.
Depth to Water*: 9.82 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 11:35
Initial Observations: *Color* light gray *Odor* none *Sheen/Free Product* none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.75	11.01	6.66	7.57	-52.90	0.09	8.17	360	1.002
10	10.92	11.84	6.66	7.86	-64.80	0.04	7.29	360	
15	11.03	11.84	6.73	8.12	-75.10	0.04	6.24	360	
20	11.13	11.71	6.78	8.33	-81.00	0.06	4.92	380	
25	11.21	11.98	6.82	8.38	-85.10	0.06	3.84	380	
30	11.23	11.83	6.85	8.54	-88.20	0.08	3.85	380	
35	11.24	11.79	6.88	8.61	-90.50	0.08	2.85	380	
40	11.27	12.24	6.91	8.55	-92.00	0.07	1.55	380	
45	11.30	12.22	6.92	8.62	-92.80	0.07	1.04	380	
50	11.33	12.16	6.94	8.59	-93.00	0.07	0.81	380	1.003
								~~380~~	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:25
Total volume of groundwater purged: 5.5 gal.
DO Titrataion = ____ mg/L

Final Observations: *Color* clear *Odor* none *Sheen/Free Product* none
Specific Gravity 1.003

Sample ID: SB915-0221-04 **Sample Time:** 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW1-14D
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: AJF
Site Location: Camillus, NY | Equipment Used: grundfos | Date: 11/19/14
Project #: 1163.51008 | Pump/Controller ID#: FA0050+ / FA01448 | Weather: Sunny, 30°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 5.78 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:04
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.69	9.37	6.56	63.17	-43.3	0.19	40.4	100	1.031
10	9.28	7.98	6.55	65.54	-45	0.15	42.0	255	—
15	9.36	9.32	6.58	62.54	-47.8	0.08	31.8	100	—
20	9.37	8.30	6.60	62.62	-47.1	0.08	26.1	100	—
25	9.49	8.37	6.58	64.14	-48.1	0.09	53.9	110	—
30	9.46	8.90	6.59	62.56	-48.5	0.08	24.4	80	—
35	9.66	8.94	6.57	64.21	-49.10	0.08	20.2	120	—
40	9.93	8.56	6.60	62.20	-47.60	0.06	18.6	220	—
45	9.91	8.78	6.60	62.78	-47.50	0.05	21.5	100	—
50	10.49	8.65	6.55	66.90	-47.50	0.07	20.0	140	—
~~55~~	~~10.50~~	~~8.65~~						~~160~~	~~—~~
55	10.50	10.21	6.58	62.87	-47.90	0.03	17.6	100	—
60	10.53	4.98	6.59	~~62.52~~ 62.36	-46	0.04	~~11.5~~	120	—
							16.7		—
~~65~~	10.53	9.94	6.58	62.48	-45.5	0.04	~~12.5~~	100	—
70	10:51	9.98	6.58	62.52	-44.6	0.04	16.9	100	—
75	10.52	~~10:26~~	6.58	62.48	-43.8	0.03	19.6	120	
80	10.9	9.70	6.58	62.03	-41.7	0.03	23.2	360 105	—
85	11.14	11.11	6.58	~~61.64~~	-42.3	0.02	23.5	125	—
90									1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

3000

End Purge Time: 12:42
DO Titrataion = mg/L
Total volume of groundwater purged: 2.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.032

Sample ID: SB915-0220-01 **Sample Time:** 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA01817
Field Personnel: CAH
Date: 11-19-14
Weather: Sun, 20, wind

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 9.34 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:08
Initial Observations: Color clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.35	10.72	5.86	148.30	58.60	1.06	25.4	250	1.122
10	9.39	11.14	6.12	201.44	8.20	0.47	63140	400	
15	9.40	11.09	6.31	200.15	-11.60	0.28	96NTU	400	
20	9.39	11.28	6.41	194.77	-12.90	0.30	32	400	
25	9.39	11.37	6.47	192.80	-12.40	0.29	100.3	400	1.122
30	9.39	11.30	6.51	196.32	-10.90	0.29	88.0	400	
35	9.39	11.37	6.54	193.74	-9.20	0.26	68.1	400	
40	9.38	11.07	6.56	192.07	-7.30	0.27	53.9	400	
45	9.38	11.18	6.57	194.09	-5.90	0.29	45.3	400	
50	9.38	11.19	6.58	194.50	-4.70	0.27	32.7	400	
55	9.38	11.18	6.58	197.50	-3.60	0.26	27.8	400	
60	9.38	11.41	6.58	196.18	-2.60	0.25	26.5	440	1.120
65	9.38	11.54	6.59	192.30	-1.70	0.24	20.4	440	
70	9.38	11.55	6.59	193.76	-0.70	0.22	17.5	440	
75	9.38	11.34	6.59	193.54	0.00	0.21	15.5	440	
80	9.38	11.22	6.59	196.20	1.00	0.21	16.0	440	1.120
85									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30
Total volume of groundwater purged: 9 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.120

Sample ID: SB915-0220-02 Sample Time: 13:15

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-4UB-06
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822 / FA00635
Field Personnel: JWB
Date: 11-19-14
Weather: ~20°F Sunny

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 82.00 ft. bmp.
Depth to Water*: 15.12 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1133
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.40	10.93	8.10	86.48	-208.60	0.09	13.1	480	1.048
10	15.43	11.32	8.24	94.36	-296.00	0.03	11.7	480	
15	15.40	11.18	7.77	103.78	-171.60	0.04	14.9	480	
20	15.40	11.07	7.34	108.17	-112.60	0.04	14.8	200	
25	15.45	11.33	7.06	113.94	-86.50	0.04	16.1	400	
30	15.45	11.69	6.88	116.63	-78.50	0.03	17.7	400	
35	15.45	11.78	6.78	118.55	-69.70	0.03	17.3	400	
40	15.45	11.89	6.68	119.60	-60.60	0.03	12.9	400	
45	15.45	11.87	6.61	119.02	-53.60	0.03	12.8	300	
50	15.45	11.82	6.55	120.36	-41.10	0.02	11.52	300	
55	15.45	11.78	6.45	121.27	-20.90	0.02	11.1	300	
60	15.45	11.71	6.35	121.98	-9.30	0.03	16.3	300	
65	15.45	11.67	6.29	122.82	-4.10	0.02	10.23	300	
70	15.45	11.79	6.26	122.26	-1.20	0.02	5.51	300	
75	15.45	11.86	6.24	122.25	1.10	0.02	3.81	300	
80	15.45	11.82	6.23	122.39	2.70	0.02	3.19	300	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1255
DO Titration = ____ mg/L
Total volume of groundwater purged: 6.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.068

Sample ID: SB915-0220-03
Sample Time: 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JGB
Date: 11/18/14
Weather:

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 26.94 ft. bmp.
Depth to Water*: 26.18 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry, not sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: QE4008R2/FA1044R
Field Personnel: AJF
Date: 11/18/14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 29.18 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:04
Initial Observations: Color Clear Odor N/A No Sheen/Free Product N/A No
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.21	10.24	7.43	1.04	-50	0.12	40.2	480	1.004
10	29.22	10.56	7.33	1.07	-55.2	0.10	31.6	400	—
15	29.24	10.54	7.24	1.07	-54	0.07	20.9	440	—
20	29.24	10.63	7.19	1.07	-51.8	0.05	15.3	340	—
25	29.23	10.60	7.17	1.08	-50.50	0.04	11.7	320	—
30	29.23	10.54	7.14	1.09	-48.00	0.05	12.1	320	—
35	29.21	10.02	7.17	1.11	-47.2	1.53	9.61	280	—
40	29.26	10.56	7.11	1.11	-45.2	0.05	7.64	300	—
45	29.27	11.94	7.16	1.12	-50.4	0.02	5.98	520	—
50	29.25	11.47	7.14	1.12	-46.7	0.02	3.75	460	—
55	29.24	11.05	7.11	1.13	-43.20	0.02	2.87	460	—
60	29.25	11.01	7.10	1.13	-41.6	0.02	2.58	480	—
65	29.24	11.19	7.12	1.12	-41.3	0.01	2.37	500	—
70	29.24	11.19	7.09	1.13	-39.6*	0.01	2.21	440	—
									1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:17
Total volume of groundwater purged: 10 gal.
DO Titrataion = mg/L
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.002

Sample ID: SB915-0219-01 Sample Time: 12:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00504 / FA00137
Field Personnel: JWB
Date: 11/18/14
Weather: ~23°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: 12.42 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1124
Initial Observations: Color V. light Gray Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.51	12.65	6.55	13.62	-48.50	0.24	77.0	480	1.010
10	12.51	12.75	6.54	13.62	-50.60	0.18	—	480	
15	12.50	12.62	6.56	12.83	-49.60	0.16	—	480	
20	12.49	12.86	6.56	12.55	-48.80	0.14	—	480	
25	12.49	12.71	6.57	12.35	-48.00	0.14	— *	480	
30	12.49	12.47	6.57	12.28	-46.90	0.14	13.1	480	
35	12.49	12.49	6.57	12.22	-46.00	0.14	12.11	480	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1201
Total volume of groundwater purged: 6 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.006

Sample ID: SB915-0219-02.03 (FD) Sample Time: ~~1245~~ 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Had to go get sample coolers, away for 20 min.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108RR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01746/FA00635
Field Personnel: CAH
Date: 11-18-14
Weather: Sun, 25, windy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 23.25 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:02
Initial Observations: Color light white Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	25.08	8.97	7.33	3.02	-2.90	0.28	703 AV	360	1.008
10	25.47	9.02	7.05	3.02	-2.20	0.13	102 NTU	360	
15	25.65	9.02	6.97	3.06	-0.90	0.09	37	360	
20	25.86	9.21	6.96	3.05	0.10	0.07	74.1	360	
25	25.95	9.46	6.97	3.04	0.60	0.06	62.3	360	
30	26.10	9.45	6.98	3.08	2.30	0.06	54.6	360	
35	26.17	9.82	7.00	3.03	2.80	0.04	45.6	360	
40	26.18	9.54	7.01	3.06	4.80	0.05	44.6	360	1.002
45	26.18	9.70	7.02	3.05	5.70	0.04	34.2	360	
50	26.18	9.40	7.03	3.06	6.70	0.04	30.3	360	
55	26.20	9.57	7.04	3.06	7.30	0.04	29.0	360	
60	26.26	9.55	7.04	3.07	8.30	0.04	23.2	360	
65	26.28	9.59	7.04	3.06	8.90	0.03	22.6	360	
70	26.28	9.67	7.04	3.06	9.30	0.03	22.2	360	
75	26.30	9.54	7.05	3.07	10.30	0.03	18.5	360	
80	26.30	9.63	7.05	3.07	10.90	0.03	16.9	360	
85	26.30	9.71	7.05	3.07	10.90	0.03	17.7	360	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30
DO Titration = mg/L
Total volume of groundwater purged: 9 gal.

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0219-04,05,06 (MS,MSD) Sample Time: 14:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-09U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 11/18/14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.35 ft. bmp.
Depth to Water*: 12.91 ft.
Length of Water Column (LWC): 1.44 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-10L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: AJF
Date: 11/17/14
Weather: Rainy, 34°C

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.24 ft. bmp.
Depth to Water*: 8.42 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:50
Initial Observations: Color Brownish/light Odor N/A Sheen/Free Product N/A
indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.46	10.76	6.33	85.24	1.90	0.23	>4000	~~400~~ 320	1.048
10	8.48	10.62	6.25	87.61	10.80	0.17	3349	400	—
15	8.49	11.27	6.20	89.82	14.00	0.09	1953	520	—
20	8.49	11.12	6.19	90.71	17.90	0.07	1397	500	—
25	8.49	10.99	6.19	90.66	19.30	0.07	1027	460	—
30	8.47	10.90	6.18	91.37	20.90	0.08	851	400	—
35	8.45	10.67	6.18	91.30	20.90	0.08	1265	310	—
40	8.46	10.80	6.18	91.73	23.70	0.09	618	360	—
45	8.45	10.99	6.17	91.08	24.30	0.09	52	320	—
50	8.46	10.62	6.18	90.68	26.10	0.08	58	200	—
55	8.47	11.40	6.16	91.89	26.00	0.06	46	600	—
60	8.48	11.24	6.16	92.50	27.00	0.05	74.5	620	—
65	8.47	11.27	6.16	91.90	28.30	0.05	54.4	640	—
70	—	11.23	6.16	92.38	28.30	0.04	28.2	500	—
75	—	11.27	6.16	92.05	28.00	0.04	25.7	560	—
80	—	11.18	6.16	92.16	29.10	0.04	25.0	640	—
85	—	11.22	6.15	92.50	30.00	0.04	16.4	620	—
90	—	11.22	6.15	91.66	30.10	0.03	14.7	610	— 1.050
~~95~~ 100									—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:34
Total volume of groundwater purged: 14 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor N/A Sheen/Free Product N/A
Specific Gravity 1.050

Sample ID: SB915-0218-02 Sample Time: 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822/FA00187
Field Personnel: CAH
Date: 11-17-14
Weather: Rain+Snow 35-40

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 14.20 ft. bmp.
Depth to Water*: 6.55 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1041
Initial Observations: Color Brown Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.60	11.52	6.14	69.73	3.40	0.25	9999	460	1.038
10	6.60	11.60	6.11	77.84	4.00	0.18	3628AU	440	
15	6.59	11.69	6.11	81.44	9.60	0.14	1415AU	480	
20	6.59	11.46	6.12	83.22	5.20	0.14	883AU	480	
25	6.59	11.85	6.12	83.54	5.20	0.12	690AU	480	
30	6.59	11.46	6.12	84.60	6.30	0.12	675AU	480	
35	6.59	11.51	6.13	84.78	6.90	0.12	111NTU	480	
40	6.59	11.50	6.13	84.40	7.50	0.11	58NTU	480	
45	6.59	11.63	6.13	84.37	8.20	0.11	42NTU	480	
50	6.59	11.65	6.14	84.34	8.60	0.10	20NTU	480	
55	6.59	11.69	6.14	84.60	9.10	0.10	2NTU	480	
60	6.59	11.65	6.14	84.76	9.80	0.10	60.4	480	
65	6.59	11.60	6.14	85.09	10.30	0.10	61.0	480	
70	6.59	11.49	6.14	85.09	11.10	0.10	46.3	480	
75	6.59	11.59	6.15	84.73	11.60	0.10	44.7	460	1.044
80	6.59	11.96	6.15	84.45	11.30	0.09	50.5	460	
85	6.59	11.80	6.15	85.37	11.80	0.10	49.0	460	
90	6.59	12.29	6.15	84.63	12.00	0.09	47.5	460	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1215
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: Color light white Odor NONE Sheen/Free Product NONE
Specific Gravity 1.044

Sample ID: SB915-0218-03 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10A
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: —
Equipment Used: —
Pump/Controller ID#: —
Field Personnel: JWB
Date: 11-17-14
Weather: ~35°F Rain

Well Information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 14.15 ft. bmp.
Depth to Water*: 10.18 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1128
Initial Observations: Color V. light gray Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.94	12.02	7.17	40.31	-147.50	0.17	24.3	160	1.020
10	11.17	12.02	7.18	40.86	-140.90	0.13	19.1	200	
15	11.30	12.16	7.16	40.35	-138.90	0.08	15.5	160	
20	11.55	12.35	7.12	42.45	-134.60	0.11	15.4	220	
25	11.65	12.80	7.12	40.71	-131.80	0.08	14.1	180	
30	11.82	12.58	7.06	41.12	-123.50	0.09	15.6	180	
35	11.91	12.39	7.00	42.06	-118.80	0.09	12.1	180	
40	12.18	13.26	6.96	42.20	-116.60	0.07	17.4	180	
45	12.22	13.44	6.96	42.53	-118.10	0.05	11.2	180	
50	12.30	12.85	6.95	43.34	-111.60	0.07	14.9	180	
55	12.46	13.40	6.91	43.11	-106.70	0.07	13.2	180	
60	12.53	13.22	6.89	42.47	-100.60	0.07	12.93	150	
65	12.57	13.53	6.84	43.62	-97.90	0.09	—	120	
70	12.65	13.40	6.82	43.87	-95.30	0.08	—	120	
75	12.73	13.15	6.81	44.18	-94.00	0.07	12.73	120	
*	Monitoring well is not ~~producing~~ producing enough water for low-flow. It also does not have enough water to fill all 6 bottles								
*	Not Sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: Color _____ Odor _____ Sheen/Free Product _____
Specific Gravity _____

Sample ID: _____ Sample Time: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-205
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01817
Field Personnel: (MWD)/CYD
Date: 11-12-14
Weather: 35°F, light snow

Well Information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 17.74 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 11:35
Initial Observations: Color light brown Odor none Sheen/Free Product none

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.80	11.00	7.01	16.61	-64.00	0.27	1473 NTU	320	1.010
10	17.80	12.02	6.92	17.71	-62.90	0.12	1681 NTU	340	
15	17.80	12.16	6.88	18.07	-60.20	0.06	1148 NTU	420	
20	17.80	11.88	6.85	18.26	-56.70	0.04	732 NTU	320	
25	17.80	11.84	6.89	18.35	-54.70	0.04	37 NTU	360	
30	17.80	11.79	6.93	18.42	-52.70	0.03	9 NTU	340	
35	17.80	11.75	6.82	18.48	-51.20	0.02	-2 NTU*	360	
40	17.80	11.69	6.82	18.47	-49.70	0.02	54.8 NTU	420	
45	17.80	11.49	6.82	18.47	-48.30	0.02	11.9	410	
50	17.80	11.70	6.82	18.48	-47.90	0.02	32.0	420	
55	17.80	11.65	6.81	18.57	-47.00	0.02	32.1	420	
60	17.80	11.69	6.82	18.45	-46.20	0.01	28.2	400	
65	17.80	11.75	6.82	19.44	-45.60	0.01	23.5	420	
70	17.80	11.75	6.81	18.48	-45.00	0.01	28.8	410	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45
Total volume of groundwater purged: ~8 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor none Sheen/Free Product none
Specific Gravity 1.010

Sample ID: SB915-0217-01 Sample Time: 13:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Turbidity reading collected @ 40 min.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-20D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: CVV / MW
Date: 11-14-14
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 18.73 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1115
Initial Observations: Color Cloudy Odor ND Sheen/Free Product ND

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.76	11.17	6.76	93.18	-45.20	0.13	741.0	300	1.050
10	18.75	11.09	6.74	94.46	-41.20	0.11	441.0	300	
15	18.76	11.21	6.73	94.85	-36.9	0.09	61.4	300	
20	18.76	11.56	6.72	94.57	-39.0	0.07	39.1	300	
25	18.76	11.69	6.71	94.10	-38.0	0.05	25.5	300	
30	18.76	11.64	6.71	95.02	-37.10	0.04	18.6	300	
35	14.76	11.59	6.70	94.34	36.40	0.04	13.6	300	
40	18.76	11.66	6.70	94.32	-36.20	0.03	15.0	300	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200
Total volume of groundwater purged: 2.7 gal.
DO Titration = — mg/L

Final Observations: Color Clear Odor ND Sheen/Free Product ND
Specific Gravity 1.050

Sample ID: SB915-0217-02 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#: FA00504 / FA00137
Field Personnel: JWB
Date: 11.14.14
Weather: ~34°F Sun

Well Information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 158.60 ft. bmp.
Depth to Water*: 24.71 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1053
Initial Observations: Color Clear Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X 5	42.47	11.54	6.42	203.58	-41.10	0.09	19.2	500	1.130
10	42.28	11.12	6.50	204.70	-34.40	0.09	26.2	500	
15	42.31	11.07	6.51	203.19	-31.40	0.09	20.1	500	
20	42.37	11.26	6.52	203.71	-31.10	0.10	10.34	500	
25	42.37	11.31	6.54	202.94	-30.40	0.09	8.58	500	
30	42.26	11.35	6.55	203.00	-28.80	0.09	6.08	500	
35	42.32	11.26	6.57	203.26	-28.70	0.09	7.04	500	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130
Total volume of groundwater purged: 9 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.130

Sample ID: SB915-0217-03
Sample Time: 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged out ~4 gallons of water & dropped DTW to 42.50' btoc before starting Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA01448
Field Personnel: CAH
Date: 11-14-14
Weather: Sun, 35, wind, cloudy, snow

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 19.66 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:56
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.70	11.41	6.67	33.14	-76.70	0.43	14.9	400	01.018
10	19.70	11.39	6.78	33.07	-76.90	0.36	16.2	400	
15	19.70	11.25	6.83	33.02	-74.70	0.32	18.3	400	
20	19.70	11.65	6.83	33.21	-71.20	0.29	18.8	400	
25	19.70	11.47	6.84	32.98	-69.30	0.27	22.0	400	
30	19.70	11.60	6.84	33.29	-67.90	0.25	27.5	400	1.014
35	19.70	11.37	6.73	34.08	-52.90	0.23	21.6	400	
40	19.70	11.28	6.63	34.43	-47.70	0.22	22.2	400	
45	19.70	11.42	6.57	34.96	-46.30	0.24	19.4	400	
50	19.70	11.05	6.55	34.23	-44.10	0.21	14.5	400	1.014
55	19.70	11.59	6.52	34.91	-43.50	0.17	11.6	400	
60	19.70	11.49	6.51	34.90	-41.40	0.16	8.49	400	
65	19.70	11.27	6.50	34.88	-40.30	0.16	6.18	400	
70	19.70	11.08	6.50	35.18	-39.60	0.16	5.43	400	
75	19.70	11.08	6.48	36.29	-37.60	0.15	5.02	400	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:10
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.014

Sample ID: SB915-0217-04 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05U
Northing: _____
Easting: _____

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: _____
Equipment Used: _____
Pump/Controller ID#: _____
Field Personnel: JWB
Date: 11.14.14
Weather: _____

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 14.52 ft. bmp.
Depth to Water*: 14.50 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822/FA01448
Field Personnel: CAH
Date: 11-13-14
Weather: light snow, 35

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.84 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:06
Initial Observations: Color Grey Odor Sulfur Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.80	11.58	7.24	39.44	-133.20	0.23	63.7	200	1.018
10	20.10	12.09	7.58	39.96	-160.20	0.11	52.1	260	
15	19.75	12.41	7.71	40.10	-171.40	0.08	37.0	200	
20	19.75	12.55	7.76	39.83	-175.80	0.07	25.8	260	
25	20.11	12.47	7.75	39.22	-173.30	0.06	22.6	260	
30	20.27	12.82	7.69	38.05	-168.30	0.04	19.2	260	
35	20.42	12.92	7.62	36.04	-159.30	0.03	13.5	280	1.016
40	20.68	12.93	7.54	35.04	-151.20	0.03	12.4	280	
45	20.89	12.75	7.47	33.49	-143.30	0.03	11.55	280	
50	21.09	13.03	7.41	32.37	-136.90	0.02	10.54	340	
55	21.17	13.00	7.36	31.18	-131.30	0.02	8.11	340	
60	21.38	13.08	7.32	30.45	-126.80	0.02	7.59	340	
65	21.47	13.14	7.30	29.62	-122.70	0.02	8.17	340	
70	21.59	13.09	7.28	28.82	-118.80	0.02	6.38	340	1.014
75	21.72	13.07	7.26	28.23	-115.20	0.02	5.99	340	
80	21.90	13.09	7.24	27.76	-112.30	0.02	6.29	340	
85	21.92	13.19	7.23	27.30	-111.30	0.01	6.21	340	
90	21.92	13.22	7.22	26.67	-108.00	0.01	5.48	340	
95	21.95	13.11	7.21	26.48	-105.70	0.01	6.36	320	
100	22.01	13.16	7.21	26.11	-104.40	0.01	4.64	320	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:47
Total volume of groundwater purged: 8 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor Some sulfur Sheen/Free Product NONE
Specific Gravity 1.012

Sample ID: SB915-0216-01 **Sample Time:** 13:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-0216-1095
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169/FA00635
Field Personnel: JW B
Date: 11.13.14
Weather: ~37°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 4.84 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 10.58
Initial Observations: Color Lt Light Brown Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.94	~~13.84~~	~~11.84~~	42.46	-39.20	0.25	23.8	440	1.020
10	4.94	13.98	11.86	42.46	-41.80	0.17	6.67	440	
15	4.94	14.07	11.87	42.53	-43.40	0.14	4.44	440	
20	4.94	14.12	11.88	42.58	-40.10	0.13	4.52	440	
25	4.94	14.10	11.90	42.53	-34.60	0.12	2.86	440	
30	4.94	14.11	11.91	42.70	-32.80	0.11	2.39	440	
35	4.94	14.11	11.91	42.69	-30.90	0.11	2.15	440	
40	4.94	14.11	11.92	42.75	-28.90	0.11	1.68	440	
45	4.94	14.12	11.92	42.77	-27.10	0.10	1.71	440	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 7 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.020

Sample ID: SB915-0216-02 Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008

Sampling Method:
Equipment Used:
Pump/Controller ID#:

Northing:
Easting:
Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 41.78 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry.	not sampled							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

Total volume of groundwater purged: _____ gal.

DO Titrataion = _____ mg/L

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822 / FA01448
Field Personnel: JCWB
Date: 11.12.14
Weather: ~50°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 51.45 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1037
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	53.75	11.58	12.28	100.06	-94.00	1.02	13.3	140	1.052
10	54.52	11.13	12.39	101.84	-91.10	0.38	11.42	120	
15	54.89	10.99	12.42	102.14	-85.20	0.42	9.97	120	
20	55.65	10.99	12.44	101.42	-74.2	0.60	10.59	120	
25	55.95	11.20	12.44	100.64	-65.60	0.68	8.82	120	
30	56.40	11.73	12.44	99.28	-52.70	0.83	8.99	120	
35	56.94	12.13	12.43	98.38	-40.00	0.93	9.89	120	
40	57.32	12.52	12.42	97.42	-34.80	1.04	10.42	120	
45	57.62	12.92	12.41	96.38	-33.10	1.11	9.94	120	
50	58.01	13.09	12.41	96.14	-35.80	1.20	9.02	120	
55	58.48	13.47	12.40	94.76	-40.10	1.29	8.79	120	
60	58.63	13.58	12.40	95.29	-42.20	1.35	8.71	120	
65	58.90	14.24	12.38	94.43	-47.20	1.44	9.44	120	
70	59.06	14.69	12.37	94.26	-51.90	1.45	10.33	120	
X	Well Stabilized but there is not enough water in the well, and it does not produce water quickly enough to fill all of the bottles.								
*	Not Sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.
Final Observations: Color _____ Odor _____ Sheen/Free Product _____
Specific Gravity _____

Sample ID: _____ Sample Time: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: CAH
Date: 11-12-14
Weather: 45↓ in 20's sunny clouds

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 68.74 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:42
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	68.90	11.21	6.72	95.95	-68.60	0.30	7.44	400	1.040
10	68.90	11.33	6.68	102.23	-71.80	0.17	17.9	380	
15	68.90	11.75	6.67	103.16	-72.30	0.14	21.4	460	
20	68.90	12.07	6.65	102.86	-71.30	0.09	17.5	460	
25	68.90	12.30	6.64	102.78	-69.30	0.07	14.5	460	
30	68.90	12.39	6.63	102.47	-67.50	0.06	9.20	460	
35	68.90	12.48	6.62	102.10	-66.00	0.05	5.59	460	1.052
40	68.90	12.48	6.61	102.69	-64.70	0.05	4.15	460	
45	68.90	12.49	6.60	103.06	-63.50	0.05	3.23	460	
50	68.90	12.53	6.60	102.21	-62.40	0.04	2.53	460	
55	68.90	12.76	6.60	101.88	-61.50	0.04	2.09	460	
60	68.90	13.08	6.59	101.25	-60.70	0.04	1.89	460	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:42
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.054

Sample ID: SB915-0215-01 Sample Time: 12:25

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Grundfos | Date: 11-11-14
Project #: 1163.51008 | Pump/Controller ID#: FA00169/FA00635 | Weather: Sun, wind, 60

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: 82.27 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:47
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	82.35	12.74	6.93	12.91	-56.10	0.26	12.8	380	1.008
10	82.35	13.54	6.98	11.84	-51.50	0.16	10.84	380	
15	82.30	13.97	7.02	10.15	-48.60	0.14	8.27	380	
20	82.30	14.15	7.04	8.95	-44.70	0.11	5.04	380	
25	82.30	14.29	7.05	8.19	-42.60	0.09	3.86	380	
30	82.30	14.47	7.06	7.49	-40.50	0.08	3.19	380	
35	82.30	14.59	7.06	7.06	-39.20	0.07	2.94	400	1.002
40	82.30	14.59	7.07	6.72	-37.80	0.07	3.29	400	
45	82.30	14.74	7.06	6.47	-36.60	0.06	4.36	400	
50	82.30	14.84	7.07	6.19	-36.30	0.06	3.97	400	
55	82.30	14.92	7.06	6.15	-34.90	0.05	4.47	400	
60	82.30	15.01	7.06	5.97	-34.10	0.05	4.32	400	1.002
65	82.30	14.99	7.06	5.90	-33.50	0.05	4.44	400	
70	82.30	15.10	7.06	5.74	-32.30	0.04	4.28	400	
75	82.30	15.10	7.06	5.58	-32.10	0.05	4.46	400	
80	82.30	15.14	7.06	5.58	-32.50	0.04	4.70	400	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~11-11-14 12:48~~ 12:08
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.002

Sample ID: SB915-0214-01 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008

Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: PA00822 / PA00137

Field Personnel: JW13
Date: 11.11.14
Weather: 59°F Sunny

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 42.63 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1044
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	45.10	13.33	12.14	51.55	-107.10	0.86	40.3	140	1.028
10	45.57	13.60	12.20	46.33	-87.10	61.23	24.4	160	
15	45.80	13.94	12.23	45.54	-92.90	1.40	17.4	160	
20	45.92	14.13	12.21	48.52	-95.10	1.40	11.0	140	
25	45.98	14.98	12.16	52.36	-102.90	1.13	10.17	140	
30	46.04	15.70	12.13	53.87	-103.80	1.09	7.56	140	
35	46.05	16.00	12.11	55.33	-103.20	0.99	7.30	140	
40	46.03	16.11	12.09	56.98	-105.50	0.91	6.61	140	
45	46.36	16.01	12.08	59.48	-114.30	0.69	6.58	180	
50	46.34	16.68	12.05	60.30	-111.00	6.53	5.40	200	
55	46.60	16.82	12.03	62.00	-118.30	0.40	6.53	180	
60	47.00	17.49	12.03	59.84	-121.50	0.41	5.25	180	
65	46.90	17.82	12.03	57.34	-118.40	0.46	5.23	180	
70	47.05	17.44	12.07	55.15	-116.70	0.60	5.78	180	
75	47.02	17.11	12.08	55.13	-113.40	0.69	5.64	180	
80	47.02	17.20	12.07	56.06	-110.70	0.73	5.46	180	
85	47.02	17.00	12.06	57.89	-118.90	0.59	4.87	180	
90	47.25	17.11	12.04	59.74	-126.40	0.42	3.82	180	
95	47.58	17.38	12.02	60.58	-135.00	0.29	5.03	180	
100	47.67	17.80	12.01	60.72	-128.10	0.26	4.73	180	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DO Titrataion = mg/L

End Purge Time: 1248
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.034

Sample ID: SB915-0214-02 Sample Time: 1415

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB918-MW-36I
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Density)
Continued from previous page.									
105	47.73	17.72	12.02	59.13	-131.00	0.34	4.61	180	
110	~~48~~47.85	17.45	12.05	58.21	-131.10	0.55	5.82	180	
115	47.80	17.40	12.05	59.12	-119.10	0.56	5.23	180	
120	48.06	17.32	12.03	60.85	-129.00	0.53	5.47	180	1.034

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169/FA01817
Field Personnel: CAH
Date: 11-10-14
Weather: Sun, 50

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 79.66 ft. bmp.
Depth to Water*: 10.45 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1047
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
			indicate units						
5	10.57	13.21	6.33	89.28	-25.70	0.08	1.28	440	1.048
10	10.53	13.61	6.26	88.49	-19.70	0.05	1.24	440	
15	10.53	13.37	6.24	88.83	-17.00	0.04	0.96	440	
20	10.55	13.16	6.23	89.10	-14.40	0.03	0.95	440	
25	10.55	13.35	6.23	88.76	-12.00	0.02	1.00	440	
30	10.55	13.44	6.23	88.40	-10.16	0.02	0.88	440	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DO Titrataion = ____ mg/L

End Purge Time: 1117
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.044

Sample ID: SB915-0213-01 Sample Time: 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-GW-07U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: CVV
Date: 11-10-14
Weather: cloudy 60°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 55.88 ft. bmp.
Depth to Water*: 9.47 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color clear Odor CVV ND Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.50	13.38	6.58	24.46	-18.80	0.19	29.7	200	1.014
10	9.50	13.84	6.60	24.43	-14.20	0.14	24.9	220	
15	9.53	14.05	6.62	24.42	-11.50	0.11	13.7	220	
20	9.53	14.06	6.63	24.41	-9.80	0.10	7.78	220	
25	9.53	14.15	6.64	24.38	-8.60	0.08	3.46	220	
30	9.53	14.15	6.64	24.34	-7.40	0.07	2.75	220	
35	9.53	14.15	6.64	24.38	-7.0	0.06	2.07	220	
40	9.54	14.24	6.65	24.33	-6.50	0.05	1.47	220	
45	9.52	14.11	6.65	24.38	-5.90	0.05	1.49	220	
50	9.52	14.05	6.65	24.42	-5.30	0.04	1.30	220	1.014
55	9.52	14.06	6.65	24.37	-4.90	0.04	1.29	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
DO Titratalon = — mg/L
Total volume of groundwater purged: ~4.0 gal.

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.014

Sample ID: SB915-0213-02 Sample Time: 1250

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-GWB-07R
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822 / FA00137
Field Personnel: JeB
Date: 11.10.14
Weather: ~58°F Sun/Clouds

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 114.59 ft. bmp.
Depth to Water*: 17.13 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1045
Initial Observations: Color Clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X 5	40.32	12.20	6.71	174.89	48.60	1.20	—	150	1.102
10	40.38	12.79	6.79	174.66	41.80	1.20	11.6	320	
15	40.78	13.12	6.83	174.96	36.80	1.23	14.2	300	
20	40.83	13.07	6.85	175.25	12.70	1.23	39.6	300	
25	40.90	13.28	6.85	176.40	-7.90	1.04	42.9	300	
30	40.43	13.11	6.87	177.03	-15.90	0.92	54.3	200	
35	41.63	13.21	6.87	177.46	-20.30	0.83	49.2	200	
40	41.82	13.21	6.87	176.31	-18.00	0.81	45.6	200	
45	41.83	13.30	6.88	176.87	-20.30	0.78	45.9	200	1.104
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1133
Total volume of groundwater purged: 6.5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.104

Sample ID: SB915-0213-03 Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: X Purged out ~5 gallons of water before starting Low-Flow DTW after purge

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Purge / Sample
Equipment Used: Grundfos
Pump/Controller ID#: FA01746 / FA00157
Field Personnel: JWB
Date: 11.6.14
Weather: ~50°F Rain

Well Information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 17.30 ft. bmp.
Depth to Water*: 11.13 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____

Initial Observations: Color Clear Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
4	13.65	13.71	6.95	1.49	84.40	6.36	8.13	~1000	1.004
8	15.10	13.76	6.88	1.50	75.70	0.77	2.58		
12	Dry								
11-7-14 @ 1232	10.58	9.91	7.20	1.52	105.1	12.45	6.18	NA	1.000
X LWC = 6.72	x 0.163 gal/ft = 1.09 gallons in well								
X Monitoring well does not have enough water and does not produce enough water to collected expended set sample.									
X Well ended up producing enough water to fill bottle set									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____
DO Titrataion = ____ mg/L
Total volume of groundwater purged: ____ gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.000

Sample ID: SB915-0212-02 Sample Time: 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#: FA60504 / FA60635
Field Personnel: JWB
Date: 11-7-14
Weather: ~37°F Rain

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 28.43 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1032
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.43	10.97	7.32	1.30	34.90	0.28	3266	300	
10	28.43	11.89	7.12	1.30	23.90	0.14	1775	450	
15	28.43	11.93	7.06	1.30	26.90	0.14	1240	450	
20	28.43	12.21	7.04	1.40	34.20	0.14	674	500	
25	28.43	11.85	7.03	1.40	40.30	0.17	58	500	1.002
30	28.43	11.94	7.03	1.40	41.00	0.21	84.5	500	
35	28.43	12.11	7.02	1.40	42.90	0.29	53.3	500	
40	28.43	12.07	7.02	1.40	46.20	0.29	33.5	500	
45	28.43	12.10	7.03	1.40	48.70	0.30	27.2	500	
50	28.43	12.03	7.02	1.40	50.90	0.33	40.7	500	
55	28.43	12.03	7.02	1.40	52.50	0.35	16.4	500	
60	28.43	12.04	7.03	1.40	53.60	0.36	11.9	500	
65	28.43	12.05	7.03	1.40	55.10	0.36	11.11	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1138
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 10 gal.

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.004

Sample ID: SB915-0212-01 Sample Time: 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA-00822 / FA-00131
Field Personnel: JCB
Date: ~48° F Overcast
Weather: 11-6-14

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 20.25 ft. bmp.
Depth to Water*: 15.18 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1120
Initial Observations: Color V. light brown Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.90	13.48	7.22	13.92	117.20	0.58	14.9	200	1.010
10	~~16.79~~	14.79	7.24	14.39	94.10	0.63	10.58		
15	X Pump quit, switch out for a new one								
20	↓								
25	~~16.68~~	13.76	7.37	14.80	102.00	0.72	68.7	240	
30	16.68	13.68	7.45	15.31	90.80	0.56	51.9	220	
35	17.08	14.53	7.46	16.21	79.90	0.58	57.5	220	
40	17.20	Well went dry, does not make enough water							
	to maintain low-flow sampling								
X	Not	enough	water	to	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
Total volume of groundwater purged: 2.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color V. light orange Odor _____ Sheen/Free Product _____
Specific Gravity _____

Sample ID: _____ Sample Time: _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169/FA00635
Field Personnel: CAH
Date: 11-6-14
Weather: Cloudy, 50

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 58.54 ft. bmp.
Depth to Water*: 16.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1131
Initial Observations: Color Grey/brown Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.78	11.51	5.78	83.71	1.40	0.50	2124AU	300	1.042
10	16.78	12.03	5.91	84.52	1.30	0.40	731AU	400	
15	16.79	12.22	5.97	83.31	2.90	0.31	86NTU	400	
20	16.79	12.20	5.99	82.33	4.90	0.27	95.5	440	
25	16.79	12.15	6.00	81.50	6.90	0.25	75NTU	440	
30	16.79	12.20	6.01	81.85	8.50	0.23	50NTU	420	
35	16.79	12.23	6.01	81.76	9.90	0.22	91.6	420	1.042
40	16.79	12.20	6.01	81.95	11.20	0.22	68.5	420	
45	16.79	12.20	6.01	81.64	10.80	0.21	43.8	420	
50	16.79	12.16	6.01	81.80	12.70	0.21	26.1	420	
55	16.79	12.19	6.02	82.18	13.60	0.21	20.0	400	1.042
60	16.79	12.20	6.02	81.83	14.40	0.20	17.6	400	
65	16.79	12.18	6.02	82.03	15.10	0.20	16.9	400	
70	16.78	12.18	6.02	81.36	15.80	0.20	13.9	400	
75	16.78	12.16	6.02	81.82	16.30	0.19	12.5	400	
80	16.78	12.17	6.02	82.00	16.90	0.18	12.1	400	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1251
Total volume of groundwater purged: 10 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.042

Sample ID: SB915-0211-01
Sample Time: 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1115
Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA01817
Northing:
Easting:
Field Personnel: CAH
Date: 11-5-14
Weather: Sun, 50-60, windy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 8.62 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:53
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	9.35	13.77	6.12	64.86	-59.70	0.04	12.0	360	1.032
10	9.31	13.72	6.14	63.69	-60.70	0.02	20.7	340	
15	9.30	13.78	6.23	56.00	-65.70	0.01	24.9	340	
20	9.31	13.57	6.33	47.04	-71.30	0.01	17.2	400	
25	9.32	13.48	6.41	40.40	-75.80	0.01	15.5	400	1.016
30	9.29	13.67	6.47	35.37	-78.50	0.00	12.5	400	
35	9.28	13.62	6.50	32.86	-79.90	0.00	11.46	400	
40	9.25	13.41	6.53	30.93	-80.60	0.00	11.02	400	1.014
45	9.24	13.26	6.54	30.17	-80.40	0.00	8.98	400	
50	9.23	13.12	6.58	28.10	-81.50	0.00	8.35	400	1.012
55	9.20	13.12	6.58	28.05	-81.00	0.00	7.19	400	
60	9.19	13.06	6.59	27.33	-80.70	0.00	6.27	400	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:53
Total volume of groundwater purged: 7 gal.
DO Titration = mg/L
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.012

Sample ID: SB915-0210-01
Sample Time: 12:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA005041 / FA00635
Field Personnel: JWB
Date: 11.5.14
Weather: ~60° F Sunny

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 12.84 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1051
Initial Observations: Color V. light brown Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	37.85	11.74	5.83	180.40	4.30	0.16	17.6	220	1.116
10	37.91	12.52	5.80	177.57	10.60	0.16	14.0	220	
15	37.85	12.79	5.76	174.36	18.50	0.18	15.2	220	
20	37.85	12.57	5.75	173.90	20.60	0.19	13.3	220	
25	37.84	12.54	5.76	176.21	21.00	0.22	11.4	220	
30	37.84	12.47	5.77	174.27	19.80	0.22	12.74	220	
35	37.78	12.50	5.79	174.86	19.00	0.23	12.2	220	
40	37.85	12.33	5.81	173.72	18.50	0.22	8.68	220	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1132
Total volume of groundwater purged: ~~2.5~~ 7.5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.116

Sample ID: SB915-0210-02
Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ~~X~~ Purged out ~5 ~~gallons~~ gallons of water prior to starting Low Flow
DTW ~ 37.85 ft b.tor

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00504/FA00137
Field Personnel: CAH
Date: 11-4-14
Weather: Cloudy, 55-60

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 8.22 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:18
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.24	12.04	6.68	13.37	-53.10	0.23	25.7	440	1.010
10	8.24	12.14	6.68	13.43	-54.70	0.17	13.1	500	
15	8.22	12.19	6.68	13.42	-53.90	0.15	8.48	500	
20	8.22	12.01	6.69	13.45	-52.80	0.14	6.99	500	
25	8.22	12.05	6.69	13.47	-51.40	0.13	4.12	500	
30	8.22	12.06	6.69	13.49	-50.20	0.12	3.29	500	
35	8.22	12.11	6.69	13.49	-49.00	0.12	3.02	500	
40	8.22	12.04	6.69	13.50	-47.70	0.11	2.34	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00
Total volume of groundwater purged: 6 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.006

Sample ID: SB915-0209-01,02 (FD) Sample Time: 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169 / FA00635
Field Personnel: JWR
Date: 11.4.14
Weather: ~62°F Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.57 ft. bmp.
Depth to Water*: 6.58 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1021
Initial Observations: Color Clear Odor Sulfur Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.62	14.08	6.19	39.30	-19.90	0.34	4.34	220	1.020
10	8.30	14.56	6.14	39.43	-17.60	0.17	7.02	220	
15	9.22	15.40	6.19	39.17	-15.30	0.09	9.26	220	
20	10.08	15.75	6.20	38.97	-8.10	0.08	9.59	220	
25	10.70	16.20	6.19	38.95	-1.80	0.12	9.82	220	
30	11.14	16.43	6.20	38.77	9.70	0.14	12.39	220	
35	11.48	16.68	6.20	38.72	16.00	0.17	12.80	220	
40	11.80	16.82	6.20	38.63	20.00	0.23	12.70	220	
45	12.10	17.09	6.20	38.53	22.50	0.28	13.40	220	
50	12.14	16.96	6.21	38.59	23.20	0.32	13.10	220	
55	12.38	17.31	6.21	38.50	24.60	0.35	14.3	220	
60	12.35	17.28	6.22	38.61	26.10	0.38	12.3	220	
65	12.35	17.40	6.22	38.59	28.80	0.40	11.76	220	
70	12.35	17.36	6.22	38.54	31.40	0.42	9.50	220	
75	12.35	17.45	6.23	38.60	32.50	0.43	8.13	220	
80	12.35	17.62	6.24	38.49	33.20	0.45	6.23	220	
85	12.35	17.64	6.26	38.36	33.70	0.49	4.26	220	
90	12.38	17.62	6.27	38.22	34.80	0.52	3.26	220	
95	12.35	17.60	6.28	38.34	33.50	0.52	2.48	220	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.018

Sample ID: SB915-0209-03
Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00822/FA00137
Field Personnel: CAH
Date: 11-3-14
Weather: Sun, 55

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 66.13 ft. bmp.
Depth to Water*: 8.64 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1154
Initial Observations: Color Brown Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.66	12.39	6.48	88.50	-51.40	0.07	409540	420	1.050
10	8.66	12.34	6.48	85.50	-42.60	0.09	881 AU	400	
15	8.66	12.25	6.48	85.93	-39.70	0.10	74 NTU	400	
20	8.66	12.32	6.48	86.57	-37.20	0.09	68.0	400	1.046
25	8.66	12.48	6.49	86.63	-35.90	0.08	46.1	400	
30	8.66	12.43	6.49	86.65	-34.40	0.07	32.9	420	
35	8.66	12.34	6.49	86.75	-32.70	0.07	26.7	420	
40	8.66	12.53	6.50	87.01	-27.50	0.07	26.3	420	
45	8.66	12.46	6.49	87.22	-27.70	0.06	16.6	420	1.044
50	8.66	12.43	6.49	87.50	-29.30	0.06	17.4	420	
55	8.66	12.48	6.50	87.16	-30.50	0.04	14.2	420	
60	8.66	12.40	6.50	87.05	-29.30	0.04	12.46	420	
65	8.66	12.48	6.50	87.11	-28.50	0.04	10.35	440	
70	8.65	12.54	6.50	87.34	-28.10	0.04	9.19	420	1.044
75	8.65	12.66	6.50	87.15	-27.50	0.04	7.35	420	
80	8.65	12.61	6.50	87.29	-27.30	0.04	6.71	420	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1315
Total volume of groundwater purged: 10 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.044

Sample ID: SB915-0208-01
Sample Time: 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1110
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA005504 / FA014418
Field Personnel: JWR
Date: 11.3.14
Weather: ~54° F Sun/clouds

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 8.22 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1150
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.14	12.18	6.39	72.14	12.10	0.93	15.6	300	1.022
10	8.16	12.00	6.18	127.36	-30.60	0.16	2555	300	
15	8.16	12.21	6.24	128.76	-28.00	0.14	2164	300	
20	8.16	12.27	6.27	129.36	-24.20	0.14	960	300	
25	8.16	12.27	6.28	128.85	-22.50	0.12	48	500	
30	8.18	12.24	6.28	128.46	-21.20	0.10	73	500	
35	8.18	12.17	6.29	128.64	-19.80	0.08	47.8	500	
40	8.18	12.09	6.29	128.62	-18.70	0.08	33.1	500	
45	8.18	12.08	6.29	128.43	-18.00	0.07	25.8	500	
50	8.18	12.08	6.29	128.42	-17.30	0.07	28.4	500	
55	8.18	12.09	6.29	128.00	-16.70	0.07	16.5	500	
60	8.18	12.09	6.30	128.51	-16.10	0.06	17.8	500	
65	8.18	12.20	6.30	127.43	-15.80	0.06	9.98	500	
70	8.18	12.23	6.30	128.08	-15.30	0.06	10.16	500	
75	8.18	12.27	6.30	127.98	-15.00	0.06	8.88	500	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1306
Total volume of groundwater purged: 9 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.072

Sample ID: SB915-0208-02 **Sample Time:** 1340

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00504 / FA00137
Field Personnel: JWB
Date: 10.31.14
Weather: ~48°F Cloudy

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 42.10 ft. bmp.
Depth to Water*: 31.80 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1100
Initial Observations: Color clear Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	33.78	12.27	12.04	69.20	-164.70	0.28	7.21	500	1.034
10	33.78	13.60	12.03	69.21	-170.00	0.27	5.76	500	
15	33.81	13.91	12.01	72.75	-171.90	0.24	11.6	500	
20	33.81	14.08	12.00	75.32	-173.50	0.19	12.37	500	
25	33.81	14.37	11.99	76.89	-174.60	0.14	10.28	500	
30	33.81	14.64	11.98	78.05	-175.90	0.11	6.96	500	
35	33.81	14.66	11.98	78.10	-176.80	0.10	5.27	500	
40	33.81	14.59	11.98	78.83	-177.70	0.10	4.38	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
Total volume of groundwater purged: 5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color clear Odor No Sheen/Free Product No
Specific Gravity 1.040

Sample ID: SB915-0207-01, 02 (ms), 03 (msd)
Sample Time: Refer to Matrix 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: GrundFos
Pump/Controller ID#: FA0822 / FA01448
Field Personnel: CAH
Date: 10-31-14
Weather: Cloudy, 50

Well Information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 38.87 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 11:07
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
			indicate units						
5	41.60	11.42	11.94	62.57	-132.60	0.43	11.6	280	1.030
10	42.40	11.98	11.95	61.85	-125.80	0.42	11.80	220	
15	42.62	12.19	11.95	61.60	-125.70	0.41	9.83	220	
20	43.12	12.55	11.95	61.33	-129.60	0.38	11.83	140	
25	43.63	12.93	11.94	61.27	-133.90	0.36	10.80	200	
30	44.10	13.23	11.93	61.23	-138.00	0.34	9.99	200	
35	44.42	13.35	11.93	61.57	-141.80	0.32	11.4	200	
40	44.97	13.68	11.92	62.18	-147.50	0.30	10.57	200	1.030
45	45.54	14.14	11.90	63.29	-154.70	0.21	11.12	200	
50	46.10	14.52	11.89	64.04	-161.30	0.18	9.96	200	
55	46.18	14.43	11.89	64.97	-164.50	0.15	9.51	200	
60	46.10	14.25	11.89	64.97	-168.40	0.13	8.37	200	
65	46.31	14.29	11.88	67.03	-176.40	0.13	7.84	200	
70	46.22	14.43	11.87	68.64	-183.60	0.10	9.83	200	1.034
75	46.22	14.40	11.87	70.51	-188.20	0.09	9.86	200	
80	46.26	14.41	11.86	72.30	-198.10	0.08	11.43	200	
85	46.38	14.75	11.84	74.74	-201.60	0.06	9.56	200	
90	46.40	14.84	11.84	74.31	-206.30	0.06	9.04	200	
95	46.30	14.79	11.83	76.68	-213.20	0.06	9.03	200	
100	46.25	14.79	11.82	77.95	-215.90	0.06	9.54	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:07
Total volume of groundwater purged: 8 gal.
DO Titrataion = ____ mg/L
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.042

Sample ID: SB915-0207-04
Sample Time: 1420

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
indicate units									
Continued from previous page.									
105	46.60	15.01	11.81	80.42	-215.10	0.06	9.51	200	
110	46.75	15.47	11.79	81.36	-230.60	0.05	8.30	200	
115	46.72	15.46	11.80	79.79	-225.20	0.05	8.01	200	
120	47.10	15.43	11.79	82.18	-232.60	0.05	6.45	200	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1175
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#: FA00822 / FA00137
Field Personnel: JLB
Date: 10/29/14
Weather: ~55°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 24.70 ft. bmp.
Depth to Water*: 8.80 ft. *
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
* ☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1015
Initial Observations: Color Brown Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.50	15.47	6.68	18.55	-25.20	0.67	74000	200	1.012
10	9.70	15.56	6.66	18.68	-25.70	0.53	>4000	200	
15	9.98	16.06	6.65	18.68	-27.10	0.32	4051	220	
20	10.15	16.32	6.65	18.79	-26.00	0.29	3064	200	
25	10.21	16.41	6.65	18.75	-24.60	0.29	74000	200	
30	10.43	~~16~~ 17.02	6.65	18.94	-23.70	~~0.~~ 1.83	>4000	180	
35	10.56	16.77	6.66	18.28	-24.10	0.28	3559	180	
40	10.68	16.77	6.70	16.96	-27.60	0.27	3655	200	
45	10.65	16.63	6.73	16.19	-29.60	0.21	~~8~~ 3765	200	
50	10.65	16.81	6.72	15.91	-27.00	0.28	1899	180	
55	~~10~~ 11.50	16.55	6.72	15.76	-28.80	0.27	1907	360	
60	11.57	~~16.40~~ 16.37	~~6.78~~ 6.76	14.76	-33.20	6.39	2010	360	
65	11.68	16.40	6.78	14.29	-34.40	0.20	2080	360	
70	11.91	16.72	6.82	13.02	-40.30	0.20		360	
*									
75	11.45	15.83	6.80	14.61	-24.70	0.49	3096	~~8~~ 2850	
80	11.52	16.39	6.83	13.80	-31.70	1.00	>4000	260	
85	11.78	16.76	6.83	13.74	-35.60	0.29	>4000	500	
** 90									
10/30/14 @ 1250	8.45	15.15	6.58	14.68	28.4	4.78	967 AU	NA	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: Color Brown Odor No Sheen/Free Product No
Specific Gravity 1.008

Sample ID: SB915-0206-01 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Pump failed, switched for a new one
** Pump #2 failed, can't maintain flow. Purged well dry, will allow to recharge overnight & sample on 10/30/14
10/30/14
Filled bottles using peristaltic pump

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1185
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grund Fos
Pump/Controller ID#: FA01168/FA01448
Field Personnel: CAH
Date: 10-23-14
Weather: Sun, Wind, 50

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 4.08 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:47
Initial Observations: Color light tan Odor NO Sheen/Free Product NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
			indicate units						
5	5.00	15.61	7.04	3.66	28.30	2.17	103.2	280	1.004
10	5.18	16.19	7.06	3.76	27.90	2.15	66.7	240	
15	5.57	16.57	7.08	3.65	30.50	2.37	27.2	260	
20	5.76	16.90	7.03	4.30	13.50	2.01	11.4	280	
25	5.96	16.86	7.03	4.71	3.30	1.98	9.85	280	1.000
30	6.12	16.72	7.01	5.24	-1.00	1.97	7.96	280	
35	6.34	16.81	7.01	5.22	-2.30	1.70	7.97	260	
40	6.47	17.35	7.01	5.14	-4.70	1.33	9.33	260	
45	6.61	16.86	6.99	5.79	-4.80	1.15	5.32	260	
50	6.72	17.01	6.98	5.89	-4.60	1.01	5.15	260	1.000
55	6.88	16.81	6.96	6.20	-4.20	0.84	3.83	260	
60	6.92	16.72	6.93	6.83	-3.50	0.70	3.59	280	
65	6.88	17.64	6.90	7.68	-5.10	0.47	3.88	140	
70	6.99	17.72	6.88	7.13	-11.80	0.32	8.25	280	
75	7.14	17.53	6.87	8.23	-4.80	0.56	4.54	200	
Pump died — 12:50 80	7.26	18.03	6.88	9.15	-5.10	0.42	4.21	220	
85	—	15.73	6.89	14.05	-10.50	0.54	—	260	1.004
90	6.39	16.46	6.87	13.78	-13.40	0.74	119	260	
15	6.45	16.59	6.80	13.72	-7.20	0.44	52.5	260	
20	6.58	17.13	6.81	12.77	-5.80	0.40	40.0	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: —
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: Color Odor Sheen/Free Product
Specific Gravity

Sample ID: — Sample Time: —

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-1185
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
25	6.44	17.03	6.80	13.71	-5.30	0.41	25.8	240	
30	6.77	17.54	6.78	13.56	-8.10	0.38	33.1	260	
35	6.90	17.78	6.83	11.90	-6.20	0.84	19.3	260	
40	7.04	17.62	6.81	12.79	-1.40	1.85	7.88	260	
45									
50									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

pump died

Notes:

Page _____ of _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Peristaltic pump
Pump/Controller ID#: FA01238
Field Personnel: JAV
Date: 10/29/14
Weather: ~50°F Overcast

Well Information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 2.50 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 0920
Initial Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/CM)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	3.14	–	–	–	–	–	13.5	380	1.000
5	3.21	14.85	7.11	1.33	61.70	4.67	10.38	300	
10	3.24	14.57	7.14	1.35	60.10	4.56	10.21	280	1.000
15	3.38	14.48	7.17	1.34	59.40	4.45	8.67	280	
20	3.38	14.39	7.20	1.42	55.00	4.41	9.75	180	1.002
25	3.48	14.35	7.20	1.38	56.80	4.36	6.40	150	
30	3.52	14.30	7.21	1.38	57.10	4.34	6.47	140	
35	3.55	14.30	7.21	1.38	57.30	4.29	5.57	140	1.002
40	3.59	14.30	7.23	1.40	56.60	4.23	6.01	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1000
Total volume of groundwater purged: 2.5 gal.

DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* NONE *Sheen/Free Product* NONE
Specific Gravity 1.002

Sample ID: SB915-0205-01 **Sample Time:** 1225

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FAU1168/FA00635
Field Personnel: CAH
Date: 10-29-14
Weather: Cloudy, 50

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 4.01 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 9:33
Initial Observations: Color Cloudy Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
		indicate units							
5	5.05	16.01	6.85	7.64	-32.60	0.14	105.9	360	1.004
10	5.32	16.20	6.97	4.16	-13.40	0.16	59.2	400	
15	5.32	16.40	6.98	3.59	-3.80	0.22	15.1	400	
20	5.32	16.49	7.00	3.48	10.30	0.22	8.56	400	
25	5.38	16.58	7.02	3.33	9.00	0.20	5.16	400	
30	5.42	16.63	7.03	3.16	11.20	0.20	3.36	400	1.000
35	5.45	16.67	7.04	2.99	12.10	0.23	2.50	400	
40	5.50	16.64	7.06	2.91	14.80	0.29	2.25	400	
45	5.47	16.67	7.07	2.80	15.10	0.37	1.94	400	
50	5.47	16.66	7.06	2.73	17.50	0.52	1.72	400	
55	5.50	16.63	7.06	2.71	18.40	0.61	1.67	400	
60	5.49	16.63	7.07	2.62	19.70	0.66	1.08	400	
65	5.48	16.54	7.06	2.62	21.90	0.73	1.55	400	
70	5.47	16.45	7.04	2.64	23.50	0.82	0.95	400	1.000
75	5.47	16.47	7.05	2.47	25.20	0.90	0.95	400	
80	5.47	16.45	7.03	2.48	27.30	0.99	0.84	400	
85	5.47	16.41	7.04	2.46	29.00	1.07	0.57	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00
Total volume of groundwater purged: 9 gal.
DO Titrataion = mg/L
Final Observations: Color Clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.000

Sample ID: SB915-0205-02
Sample Time: 11:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01169/FA01817
Field Personnel: JWB
Date: 10.29.14
Weather: ~55°F Cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 22.47 ft. bmp.
Depth to Water*: 3.62 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

11/4
2:30
3:30

Start Purge Time: 1255
Initial Observations: Color V. light orange Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.92	12.98	6.26	62.90	27.90	0.66	57.5	200	1.032
10	5.32	13.11	6.20	62.96	30.20	0.51	52.2	140	
15	5.95	13.75	6.18	62.87	35.80	0.95	50.0	220	
20	6.05	13.83	6.20	62.29	50.80	2.24	43.2	200	
25	6.05	13.94	6.19	62.50	47.50	2.07	35.4	200	
30	6.05	13.98	6.19	62.61	46.90	1.97	28.4	200	
35	6.05	14.20	6.17	63.21	45.20	1.70	23.8	200	
* Low-Flow	log quit								
5	6.02	14.29	6.15	64.18	43.50	1.14	12.6	200	
10	6.10	14.36	6.14	64.36	42.30	0.89	12.9	220	
15	6.12	14.33	6.12	64.51	42.20	0.56	7.86	220	
20	6.12	14.39	6.12	64.67	42.60	0.51	8.43	220	
25	6.12	14.43	6.11	65.53	42.50	0.45	8.74	220	
30	6.11	14.75	6.11	64.93	41.90	0.39	7.45	220	
35	6.50	14.82	6.11	65.11	42.00	0.45	6.28	220	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1416
DO Titration = ____ mg/L
Total volume of groundwater purged: 4.0 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.030

Sample ID: SB915-0205-03 Sample Time: 1500

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-115BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA00635
Field Personnel: CAH
Date: 10-29-14
Weather: Cloudy/windy, 50

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 90.42 ft. bmp.
Depth to Water*: 8.76 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1317
Initial Observations: Color light brown Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.11	11.98	6.80	32.51	-43.80	0.13	1075 AU	380	1.014
10	9.13	11.98	6.74	33.16	-26.70	0.07	1168 AU	380	
15	9.10	12.07	6.71	33.81	-20.00	0.21	1200 AU	300	
20	9.06	12.07	6.68	35.57	-17.30	0.17	1158 AU	260	
25	9.12	12.14	6.64	42.12	-17.00	0.16	883 AU	320	
30	9.10	12.07	6.65	48.57	-17.40	0.10	112 NTU	260	
35	9.05	12.16	6.65	53.42	-17.40	0.04	81 NTU	240	
40	9.07	12.21	6.66	54.86	-17.10	0.03	61 NTU	300	
45	9.10	12.12	6.67	53.17	-15.90	0.03	103.8	300	
50	9.10	12.16	6.66	55.41	-15.90	0.03	66.7	300	
55	9.12	12.16	6.66	57.33	-16.20	0.02	35.0	300	
60	9.14	12.20	6.66	58.85	-15.40	0.02	15.3	300	
65	9.14	12.20	6.66	60.55	-15.70	0.02	12.4	300	
70	9.14	12.21	6.66	62.73	-15.90	0.01	22.9	300	
75	9.14	12.21	6.67	63.43	-15.70	0.03	29.8	300	
80	9.14	12.23	6.66	63.75	-15.50	0.02	25.2	300	
85	9.14	12.26	6.66	65.53	-15.70	0.01	21.8	300	
90	9.14	12.25	6.67	65.13	-15.30	0.01	19.4	300	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1247
Total volume of groundwater purged: 7.5 gal.
DO Titrataion = ____ mg/L
Final Observations: Color clear Odor NONE Sheen/Free Product NONE
Specific Gravity 1.030

Sample ID: SB915-0205-05 Sample Time: 1530

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1065
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: 10/28/14 Per Grundfos
Pump/Controller ID#: FA01746/FA00137
Field Personnel: CAH
Date: 10-28-14
Weather: 60, Cloud

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.98 ft. bmp.
Depth to Water*: 3.83 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1031
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.72	15.20	7.11	3.89	-53.50	0.23	23.1	320	1.002
10	5.27	15.83	7.22	2.36	-43.20	0.34	19.9	320	
15	5.56	16.10	7.28	1.58	-25.70	62.13	11.1	300	
20	5.64	16.33	7.30	1.51	-7.10	2.07	3.22	300	
25	5.47	16.51	7.30	1.57	-0.80	2.08	2.62	300	
30	5.60	16.91	7.32	1.48	3.20	1.88	1.97	~250	1.002
35	5.50	17.05	7.33	1.40	8.70	1.72	1.48	~280	
40	5.68	17.58	7.34	1.36	7.70	1.47	1.19	300	
45	5.72	17.61	7.31	1.39	11.30	1.21	1.01	280	
50	5.75	17.89	7.35	1.29	14.70	1.00	0.54	280	
55	5.75	17.98	7.30	1.41	13.40	0.78	0.59	280	1.002
60	5.80	17.94	7.35	1.21	17.90	0.69	0.28	280	
65	5.82	18.13	7.35	1.22	15.50	0.57	0.37	300	
70	5.90	18.09	7.35	1.20	16.30	0.54	0.28	300	
75	5.95	18.25	7.39	1.12	16.50	0.49	0.24	300	
80	5.96	18.36	7.36	1.14	18.90	0.45	0.11	300	
85	5.96	18.34	7.41	1.06	18.20	0.42	0.03	300	
90	5.96	18.39	7.35	1.21	17.60	0.39	0.00	300	
95	5.96	18.16	7.36	1.15	20.40	0.40	0.11	300	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Lost Flow

End Purge Time: 1205
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.000

Sample ID: SB915-0204-01 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA01448
Field Personnel: JLW/B
Date: 10-28-14
Weather: ~55°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44,82 ft. bmp.
Depth to Water*: 9,42 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1030
Initial Observations: *Color* V. light Brown *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10,15	13,61	7,45	4,00	-61,40	0,29	892	240	1,002
10	10,15	13,69	7,48	5,10	-65,20	0,22	953	240	
15	10,34	13,87	7,49	6,80	-80,60	0,13	1418	240	
20	10,32	13,92	7,48	9,13	-83,10	0,10	1366	240	
25	10,32	13,95	7,41	15,47	-81,80	0,08	1460	240	
30	10,30	14,20	7,43	16,37	-82,00	0,09	975	240	
35	10,45	14,29	7,44	17,08	-81,10	0,08	91	240	
40	10,45	14,44	7,52	15,15	-78,00	0,14	76	240	
45	10,45	14,66	7,36	24,22	-75,70	0,07	101,1	240	
50	10,45	15,06	7,41	22,82	-68,40	0,32	66,8	240	
55	10,58	14,96	7,36	25,40	-74,40	0,04	69	240	
60	10,59	14,89	7,36	26,03	-75,60	0,04	38,3	240	
65	10,59	14,92	7,36	26,85	-75,20	0,04	65,1	240	
70	10,59	15,10	7,35	27,70	-75,20	0,04	65,0	240	
75	10,59	15,01	7,34	28,42	-74,90	0,04	42,1	240	
80	10,58	15,32	7,33	29,14	-75,00	0,04	24,2	240	
85	10,58	15,33	7,33	29,96	-75,00	0,04	15,8	240	
90	10,58	15,56	7,32	30,76	-75,00	0,03	9,71	240	
95	10,58	15,63	7,31	31,76	-74,80	0,03	7,64	240	
100	10,58	15,42	7,31	32,39	-74,10	0,04	5,88	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1246
DO Titrataion = mg/L
Total volume of groundwater purged: 8,5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1,018

Sample ID: SB915-0204-02 **Sample Time:** 1345

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB415-MW-106I
Northing: —
Easting: —

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other (Density)
Continued from previous page.									
100	10.58	15.37	7.30	33.33	-73.80	0.04	5.30	240	
105	10.55	15.42	7.29	34.01	-73.40	0.04	4.95	240	
110	10.50	15.55	7.28	34.95	-72.80	0.03	4.78	240	
115	10.50	15.45	7.27	35.56	-72.60	0.03	4.64	240	
120	10.50	15.31	7.27	36.38	-72.10	0.03	3.83	240	
125	10.50	15.42	7.26	36.95	-72.00	0.04	5.48	240	
130	10.50	15.46	7.25	37.99	-71.60	0.03	4.26	240	1.018

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#: FT00822 / FT00137
Field Personnel: JWB
Date: 10/27/14
Weather: ~55°F Sunny

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 133.55 ft. bmp.
Depth to Water*: 19.32 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X 5	46.00	12.39	6.53	199.82	22.60	1.17	13.6	200	1.130
10	46.37	12.85	6.33	198.22	24.90	1.05	14.3	200	
15	46.38	12.92	6.34	196.97	26.50	1.01	12.7	200	
20	46.40	13.03	6.37	197.37	21.70	0.85	10.90	200	
25	46.39	13.21	6.41	195.89	17.20	0.67	9.85	200	
30	46.38	13.39	6.46	194.81	12.50	0.56	8.64	200	
35	46.38	13.44	6.53	194.54	10.50	0.50	9.39	200	
40	46.38	13.55	6.57	194.45	8.20	0.41	9.67	200	
45	46.31	13.53	6.60	195.67	7.10	0.36	8.10	200	
50	46.50	13.34	6.62	195.42	7.20	0.33	7.38	200	
55	46.58	12.94	6.63	196.19	7.80	0.31	6.80	220	
60	46.60	13.16	6.64	196.88	7.80	0.29	6.47	220	
65	46.62	13.44	6.65	195.00	4.90	0.28	5.96	220	
70	46.64	13.50	6.66	196.57	3.70	0.27	5.94	220	1.128
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1208
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 9 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.128

Sample ID: SB915-0203-01 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
X Purged ~5 gallons from well before starting Low-Flow

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1071D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01168/FA01448
Field Personnel: CAH
Date: 10-27-14
Weather: Sun, clouds, 50

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 10.12 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1121
Initial Observations: Color tan Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.17	12.94	6.88	138.99	-50.60	0.35	103.6	380	1.074
10	10.17	12.87	6.52	138.48	-24.50	0.42	56.4	380	
15	10.17	12.90	6.37	138.31	-13.30	0.40	25.1	380	
20	10.17	12.86	6.30	138.63	-7.80	0.38	16.1	380	
25	10.17	12.75	6.26	139.22	-4.50	0.35	9.52	380	
30	10.17	12.61	6.25	139.06	-2.90	0.32	8.48	380	
35	10.17	12.66	6.24	138.47	-1.30	0.30	7.02	380	
40	10.17	12.77	6.23	138.02	-0.10	0.28	5.48	380	
45	10.17	12.77	6.23	138.27	1.10	0.26	4.76	380	
50	10.17	12.57	6.23	138.83	2.50	0.25	4.22	380	
55	10.16	12.54	6.22	138.15	3.00	0.23	3.15	380	
60	10.16	12.56	6.20	140.39	8.50	0.22	2.86	380	
65	10.16	12.75	6.19	139.80	9.40	0.20	2.00	380	
70	10.16	12.62	6.19	139.33	10.30	0.22	1.74	380	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1231
DO Titrataion = mg/L
Total volume of groundwater purged: 9 gal.
Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.0

Sample ID: SB915-~~MW~~ 0203-02 **Sample Time:** 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: GrundFos/Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: PN0095A00
Field Personnel: JAK
Date: 10/27/14
Weather: ~50°F Partly cloudy

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: ____ ft. bmp.
Depth to Water*: 7.83 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1105
Initial Observations: *Color* Light Brown *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
0	7.92	—	—	—	—	—	101	280	1.008
5	7.91	12.93	6.73	12.44	8.80	0.08	85	260	
10	7.89	13.47	6.77	12.30	6.70	0.10	103	260	1.006
15	7.88	13.84	6.80	12.23	5.80	0.10	87.3	260	
20	7.86	14.03	6.81	12.14	6.00	0.10	90.0	300	1.006
25	7.85	14.20	6.82	12.10	5.80	0.08	75.0	300	
30	7.85	14.13	6.83	12.08	5.60	0.07	64.8	300	
35	7.85	14.02	6.83	12.11	5.90	0.08	57.9	300	
40	7.85	13.76	6.84	12.16	6.20	0.09	63.4	300	1.006
45	7.85	13.66	6.84	12.15	6.20	0.08	52.3	300	
50	7.85	13.95	6.84	12.07	5.60	0.06	40.6	300	
55	7.85	13.65	6.85	12.12	5.70	0.06	49.7	300	1.006
60	7.85	13.75	6.85	12.09	5.60	0.05	35.2	300	
65	7.85	13.29	6.85	12.18	6.00	0.05	31.9	300	
70	7.85	13.16	6.85	12.23	6.30	0.05	34.3	300	1.006
75	7.85	13.95	6.85	12.02	5.90	0.04	27.8	300	
80	7.85	14.20	6.85	12.01	5.50	0.04	23.7	300	
85	7.85	14.10	6.86	12.06	5.90	0.06	22.4	300	
90	7.85	14.26	6.86	12.09	5.70	0.06	22.3	300	
95	7.85	14.58	6.86	11.96	5.60	0.05	21.2	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 10.0 gal.

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.006

Sample ID: ~~FB~~ SB915-0203-03 **Sample Time:** 13:35

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos Pump
Pump/Controller ID#: FA00822 | FA01817
Field Personnel: JWB
Date: 10.23.14
Weather: ~48° F Sun

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 4.00 ft.
Length of Water Column (LWC): 55.88 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1044
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	4.05	13.52	6.48	9.93	-27.50	0.17	95.9	390	1.006
10	4.05	13.07	6.61	10.30	-17.10	0.04	65.9	390	
15	4.05	13.34	6.68	10.28	-15.40	0.01	48.8	390	
20	4.05	13.06	6.72	10.34	-14.50	0.01	36.6	390	
25	4.05	13.13	6.74	10.29	-13.30	0.00	24.9	390	
30	4.05	13.11	6.76	10.30	-12.20	0.00	16.5	390	
35	4.05	13.00	6.77	10.35	-10.70	0.00	8.71	390	
40	4.05	12.92	6.78	10.35	-10.30	0.00	7.52	390	
45	4.05	13.16	6.78	10.28	-10.50	0.00	6.65	390	
50	4.05	12.96	6.79	10.33	-10.30	0.00	5.48	390	
55	4.05	12.97	6.79	10.34	-10.00	0.00	4.88	390	
60	4.05	12.83	6.79	10.36	-9.70	0.00	5.14	390	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1144
DO Titrataion = mg/L
Total volume of groundwater purged: 9.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.006

Sample ID: SB915-0202-02 Sample Time: 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

APPENDIX B

1st Quarter 2015 Groundwater Sampling Logs

START 0226

2015 1st Qtr SB915 Closure Monitoring Well List

Monitoring Well	Site	Lab	Analysis	Sampled By	Sample Date	Field ID	Sampling Method: Peri	Grundfos	Bailer	QC
WB18-MW-14D	WB18	TAL	Modified Routine	CAH	2-26-15	SB915-0239-02	X			—
WB18-MW-14BR	WB18	TAL	Modified Routine	TBP	2-26-15	SB915-0239-01	X			—
SB915-IMW-01S	SB 9-11	TAL	Modified Routine	CAH	2-11-15	SB915-0228-05	X			—
SB915-IMW-02S	SB 9-11	TAL	Modified Routine	CAH	2-20-15	SB915-0235-01	X			—
SB915-IMW-03S	SB 9-11	TAL	Modified Routine	JWB	~~2-11-15~~ 2-20-15	~~SB915-0228-01~~ SB915-0235-03,04,05	~~X~~			— MS/MSD
SB915-IMW-04S	SB 9-11	TAL	Modified Routine	AJF	2-11-15	SB915-0228-02	X			—
SB915-IMW-05S	SB 9-11	TAL	Modified Routine	KJK	2-11-15	SB915-0228-03	X			—
SB915-IMW-06S	SB 9-11	TAL	Modified Routine	CAH	2-11-15	SB915-0228-04	X			—
SB915-MW-108BR	SB 9-11	TAL	Modified Routine	JWB	2-17-15	SB915-0232-01	X			—
SB915-MW-108D	SB 9-11	TAL	Modified Routine	TBP	2-17-15	SB915-0232-02	X			—
SB915-MW-108S	SB 9-11	TAL	Modified Routine	Dry	2-17-15					
SB915-MW-109I	SB 9-11	TAL	Modified Routine	CAH	2-17-15	SB915-0232-03	X			—
SB915-MW-109S	SB 9-11	TAL	Modified Routine	AJF	2-17-15	SB915-0232-04	X			—
SB915-MW-110S	SB 9-11	TAL	Modified Routine	JWB	2-11-15	SB915-0228-07	X			—
SB915-MW-111BR	SB 9-11	TAL	Modified Routine	JWB	2-26-15	SB915-0239-04		X		—
SB915-MW-111D	SB 9-11	TAL	Modified Routine	AJF	2-26-15	SB915-0239-03	X			—
SB915-MW-111I	SB 9-11	TAL	Modified Routine	AJF	2-13-15	SB915-0230-05,06,07	X			MS/MSD
SB915-MW-111S	SB 9-11	TAL	Modified Routine	JWB	2-13-15	SB915-0230-04	X			—
SB915-MW-112I	SB 9-11	TAL	Modified Routine	CAH	2-13-15	SB915-0230-01,02	X			FD(02)
SB915-MW-112S	SB 9-11	TAL	Modified Routine	KJK	2-13-15	SB915-0230-03	X			—
SB915-MW-113S	SB 9-11	TAL	Modified Routine	JWB	2-18-15	SB915-0233-03	X			—
SB915-MW-40S	SB 9-11	TAL	Modified Routine	Dry						
SB915-MW-42D	SB 9-11	TAL	Modified Routine	JWB	2-25-15	SB915-0238-02		X		
SB915-MW-42I	SB 9-11	TAL	Modified Routine	CAH	2-25-15	SB915-0238-01		X		FD (03)
SB915-MW-42S	SB 9-11	TAL	Modified Routine	JWB Dry	2-25-15					
SB915-MW-43S	SB 9-11	TAL	Modified Routine	Dry						
SB915-MW-50S	SB 9-11	TAL	Modified Routine	Dry						
SB915-MW-51S	SB 9-11	TAL	Modified Routine	Dry						
SB915-MW-53D	SB 9-11	TAL	Modified Routine	JWB/KJK	3-2-15	SB915-0241-02		X		—
SB915-MW-53I	SB 9-11	TAL	Modified Routine	AJF/CAH	3-2-15	SB915-0241-01		X		—
SB915-MW-53S	SB 9-11	TAL	Modified Routine	Dry	3-2-15					
SB915-MW-59S	SB 9-11	TAL	Modified Routine	AJF	2-19-15	SB915-0234-02	X			—
SB915-MW-60S	SB 9-11	TAL	Modified Routine	CAH	2-19-15	SB915-0234-01	X			—
SB915-MW-70D	SB 9-11	TAL	Modified Routine	KJK	2-16-15	SB915-0231-02	X			—
SB915-MW-70S	SB 9-11	TAL	Modified Routine	CAH	2/16/15	SB915-0231-01	X			—
SB915-MW-85D	SB 9-11	TAL	Modified Routine	JWB/CAH/AJF	3/6/15	SB915-0245-01	X			—
SB915-WB-05L	SB 9-11	TAL	Modified Routine	JWB	2-16-15	SB915-0231-03	X			—
SB915-WB-05M	SB 9-11	TAL	Modified Routine	AJF	2-16-15	SB915-0231-04	X			—
SB915-WB-05R	SB 9-11	TAL	Modified Routine	JWB	2-27-15	SB915-0240-03,04,05		X		MS/MSD
SB915-WB-05U	SB 9-11	TAL	Modified Routine	Dry	2-16-15	~~SB915~~				
SB915-WB-06	SB 9-11	TAL	Modified Routine	TBP	2-24-15	SB915-0237-01	X			—
SB915-WB-07L	SB 9-11	TAL	Modified Routine	KJK	2-11-15	SB915-0228-06	X			—
SB915-WB-07R	SB 9-11	TAL	Modified Routine	CAH	2-27-15	SB915-0240-01,02		X		FD(02)
SB915-WB-07U	SB 9-11	TAL	Modified Routine	AJF	2-11-15	SB915-0228-08	X			—
SB915-WB-09L	SB 9-11	TAL	Modified Routine	CAH	2-18-15	SB915-0233-04	X			—
SB915-WB-09U	SB 9-11	TAL	Modified Routine	Dry	2-18-15					
SB915-WB-10L	SB 9-11	TAL	Modified Routine	AJF	2-18-15	SB915-0233-01	X			—
SB915-WB-10U	SB 9-11	TAL	Modified Routine	KJK	2-18-15	SB915-0233-02	X			—
SB915-MW-01	SB 12-15	TAL	Modified Routine	Dry	2-24-15					
SB915-MW-03	SB 12-15	TAL	Modified Routine	JWB	2-23-15	SB915-0236-02	X			—
SB915-MW-04	SB 12-15	TAL	Modified Routine	JWB	2-12-15	SB915-0229-01	X			—
SB915-MW-104I	SB 12-15	TAL	Modified Routine	CAH	2-23-15	SB915-0236-01	X			—
SB915-MW-104S	SB 12-15	TAL	Modified Routine	CAH	2-24-15	SB915-0237-02	X			—
SB915-MW-105BR	SB 12-15	TAL	Modified Routine	JWB, AJF	3-5-15	SB915-0244-03		X		—
SB915-MW-105S	SB 12-15	TAL	Modified Routine	Dry	3-5-15					
SB915-MW-106I	SB 12-15	TAL	Modified Routine	TBP	2-9-15	SB915-0226-02,03	X			FD(03)
SB915-MW-106S	SB 12-15	TAL	Modified Routine	AJF	2-9-15	SB915-0226-01	X			—
SB915-MW-107BR	SB 12-15	TAL	Modified Routine	TBP	3-4-15	SB915-0243-04		X		—
SB915-MW-107D	SB 12-15	TAL	Modified Routine	JWB	2-10-15	SB915-0227-03	X			—
SB915-MW-107I	SB 12-15	TAL	Modified Routine	TBP	2-10-15	SB915-0227-02	X			—
SB915-MW-107S	SB 12-15	TAL	Modified Routine	CAH	2-10-15	SB915-0227-01	X			—
SB915-MW-114BR	SB 12-15	TAL	Modified Routine	Dry	3-5-15					
SB915-MW-115BR	SB 12-15	TAL	Modified Routine	AJF	2-12-15	SB915-0229-02	X			—
SB915-MW-116S	SB 12-15	TAL	Modified Routine	TBP	2-12-15	SB915-0229-04	X			—
SB915-MW-117S	SB 12-15	TAL	Modified Routine	CAH	2-12-15	SB915-0229-03	X			—
SB915-MW-118BR	SB 12-15	TAL	Modified Routine	CAH	2-9-15	SB915-0226-05,06,07	X			MS/MSD
SB915-MW-118S	SB 12-15	TAL	Modified Routine	KJK	2-9-15	SB915-0226-04	X			—
SB915-MW-36D	SB 12-15	TAL	Modified Routine	CAH	3-5-15	SB915-0244-02		X		—
SB915-MW-36I	SB 12-15	TAL	Modified Routine	AJF	3-5-15	SB915-0244-01		X		—
SB915-MW-36S	SB 12-15	TAL	Modified Routine	Dry	3-5-15					
SB915-PW-04(B1-03)	SB 12-15	TAL	Modified Routine							
SB915-PW-05(CMS-02)	SB 12-15	TAL	Modified Routine							
SB915-PZ-07D	SB 12-15	TAL	Modified Routine	AJF	3-4-15	SB915-0243-03		X		—
SB915-PZ-07I	SB 12-15	TAL	Modified Routine	CAH	3-4-15	SB915-0243-01		X		—
SB915-PZ-07S	SB 12-15	TAL	Modified Routine	JWB	3-4-15	SB915-0243-02	X			—
SB915-WB-01L	SB 12-15	TAL	Modified Routine	~~TBP~~ CAH	3-3-15	SB915-0242-02	X			—
SB915-WB-03L	SB 12-15	TAL	Modified Routine	JWB, TBP	3-3-15	SB915-0242-01	X			—
SB915-WB-15B	SB 12-15	TAL	Modified Routine	Obstructed						
SB915-WB-15S	SB 12-15	TAL	Modified Routine							

Date	COC #
2/9/15	0226
2/10/15	0227
2/11/15	0228
2/12/15	0229
2/13/15	0230
2/16/15	0231
2/17/15	0232
2/18/15	0233
2/19/15	0234
2/20/15	0235
2/23/15	0236
2/24/15	0237
2/25/15	0238
2/26/15	0239
2/27/15	0240
3/2/15	0241
3/3/15	0242
3/4/15	0243
3/5/15	0244
3/6/15	0245

Equipment Blank Date
3-3-15

MS - 4

MSD - 4

FD - 4

EB - 1

Total Samples - 62

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FAO
Field Personnel: JWB, CAH, ASF
Date: 3.6.15
Weather: Sun, 10°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.75 ft. bmp.
Depth to Water*: 13.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:06
Initial Observations: Color light white Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.40	10.01	6.50	106.60	-95.50	0.02	106.6	460	1.056
10	13.40	9.96	6.64	106.80	-108.10	0.00	34.8	460	
15	13.40	10.06	6.72	107.10	-107.60	0.00	20.9	460	
20	13.40	10.10	6.76	107.40	-109.90	0.00	19.8	460	
25	13.40	10.00	6.78	106.70	-107.10	0.00	21.1	480	
30	13.40	9.97	6.80	104.00	-106.30	0.00	23.7	480	1.058
35	13.40	10.05	6.80	106.90	-106.30	0.00	25.7	480	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:40
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.058

Sample ID: SB915-0245-01 Sample Time: 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#:
Field Personnel: AJF
Date: 3/5/15
Weather: Windy, Overcast, ~14°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.37 ft. bmp.
Depth to Water*: 40.82 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1123
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	45.85	7.50	12.18	58.24	-124.70	0.42	3.72	180	1.024
10	45.15	6.86	12.20	63.40	-127.80	0.51	4.07	150	—
15	45.32	7.95	12.13	69.42	-141.90	0.40	3.32	160	—
20	45.48	8.92	12.08	74.37	-150.40	0.27	3.20	180	—
25	45.63	9.26	12.07	76.52	-153.60	0.21	2.22	150	—
30	45.83	8.92	12.09	76.36	-148.10	0.18	1.83	130	—
35	46.24	10.53	12.01	79.24	-165.90	0.16	1.45	260	—
40	46.29	10.34	12.03	77.90	-163.00	0.11	1.96	160	—
45	46.51	10.71	12.02	76.26	-160.90	0.14	1.74	185	—
50	46.60	10.62	12.04	74.24	-158.20	0.13	1.75	170	—
55	46.75	10.39	12.03	76.26	-160.70	0.13	1.86	160	—
60	46.88	10.65	12.03	75.74	-161.20	0.11	1.95	170	—
65									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:26
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.034

Sample ID: SB915-0244-01 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00771/FA00796
Field Personnel: CAH
Date: 3-5-15
Weather: 15°F, Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 119.10 ft. bmp.
Depth to Water*: ~~80.57~~ Cal ft. 82.51
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*Measurement Point:

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:22
Initial Observations: Color light white Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	82.57	8.64	6.77	12.90	-77.30	1.19	37.2	420	1.008
10	82.57	10.57	6.77	12.90	-77.80	1.19	28.4	480	
15	82.58	11.53	6.71	10.00	-75.40	0.18	14.4	480	
20	82.58	11.82	6.71	10.00	-73.00	0.18	10.60	480	
25	82.58	12.24	6.70	10.00	-71.50	0.18	7.87	480	
30	82.58	12.40	6.70	10.00	-70.20	0.18	5.85	480	1.002
35	82.58	12.44	6.70	6.70	-68.90	0.08	5.12	480	
40	82.58	12.51	6.69	6.30	-66.90	0.08	5.24	480	
45	82.58	12.56	6.69	6.20	-65.80	0.08	5.03	480	
50	82.58	12.74	6.69	5.90	-65.00	0.03	4.21	480	
55	82.58	12.92	6.68	5.60	-63.40	0.03	3.91	480	
60	82.58	13.03	6.68	5.50	-62.60	0.02	3.18	480	
65	82.58	12.98	6.70	5.40	-61.30	0.02	2.96	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30
Total volume of groundwater purged: 11 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NO Sheen/Free Product NO
Specific Gravity 1.002

Sample ID: SB915-0244-02 Sample Time: 12:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Grundfos
Pump/Controller ID#:
Field Personnel: JWB, TBP
Date: 3.5.15
Weather: 14° F Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.60 ft. bmp.
Depth to Water*: 58.63 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	58.84	6.89	7.24	1.19	70.40	1.54	1.4	290	1.002
10	58.90	9.89	7.28	1.10	13.00	0.72	4.13	290	
15	58.80	10.87	7.29	1.11	-2.90	0.42	2.43	298	
20	58.86	11.10	7.29	1.12	-6.10	0.27	1.49	290	
25	58.84	11.26	7.30	1.13	-8.60	0.20	1.65	298	
30	58.85	11.24	7.31	1.14	-10.60	0.17	1.17	298	
35	58.88	11.43	7.31	1.14	-9.90	0.15	1.06	298	
40	58.88	11.47	7.32	1.14	-9.50	0.13	1.02	290	
45	58.86	11.52	7.32	1.14	-10.0	0.12	1.17	290	
50	58.85	11.69	7.32	1.14	-8.80	0.11	0.84	290	
55	58.85	11.68	7.32	1.14	-7.40	0.10	1.00	290	
60	58.85	11.70	7.32	1.13	-6.90	0.09	1.21	290	
65	58.85	11.80	7.32	1.13	-6.30	0.09	0.91	290	
70	58.85	11.89	7.33	1.14	-6.70	0.10	0.83	290	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
DO Titrataion = mg/L
Total volume of groundwater purged: 9 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.000

Sample ID: SB915-0244-03 **Sample Time:** 1220

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date: 3/5/15
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: ft. bmp.
Depth to Water*: DRY ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#: FA00135/FA00796
Field Personnel: CAH
Date: 3-4-15
Weather: light snow, 32°F

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 42.16 ft. bmp.
Depth to Water*: 27.93 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:34
Initial Observations: Color light white Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.70	11.65	11.68	73.60	-200.90	0.15	21.9	460	1.036
10	29.83	12.39	11.70	70.90	-203.60	0.09	14.0	460	
15	30.04	12.66	11.71	68.50	-200.60	0.04	10.27	460	
20	30.05	12.68	11.71	70.30	-200.40	0.02	9.59	460	
25	30.09	12.88	11.70	71.30	-198.70	0.02	6.67	460	
30	30.14	12.86	11.70	72.80	-199.30	0.00	4.43	460	
35	30.14	12.93	11.69	73.90	-199.00	0.00	3.64	460	1.034
40	30.12	13.01	11.69	74.40	-200.50	0.00	2.91	460	
45	30.11	13.08	11.68	74.80	-198.10	0.00	2.09	440	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.034

Sample ID: SB915-0243-01 Sample Time: 11:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-075
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JW/B
Date: 3.4.15
Weather: ~34°F Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.09 ft. bmp.
Depth to Water*: 15.05 ft.
Length of Water Column (LWC): 5.04 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1106
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.70	9.74	12.33	10.22	19.30	0.87	11.92	230	1.004
10	15.75	9.85	12.14	10.24	18.40	0.80	5.82	230	
15	15.81	9.97	12.45	10.24	19.40	0.74	3.46	230	
20	15.68	9.96	12.46	10.16	20.50	0.72	3.16	150	
25	15.79	9.96	12.42	10.22	21.30	0.71	2.36	200	
30	15.82	9.96	12.41	10.19	21.90	0.72	2.39	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1139
Total volume of groundwater purged: 2.5 gal.

DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.004

Sample ID: SB915-0243-02 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00771 / FA01817
Field Personnel: AJF
Date: 3/4/15
Weather: Overcast, 30°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 55.44 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:47
Initial Observations: Color Light Grey/White Odor Slight Sulfur Sheen/Free Product No

Indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	40.21	11.64	12.10	59.38	-187.40	0.19	50.6	370	1.026
10	40.55	11.41	12.12	58.75	-175.70	0.56	48.4	230	—
15	40.73	11.41	12.14	56.92	-165.00	1.16	31.4	190	—
20	40.91	11.27	12.15	55.50	-161.30	1.60	28.3	190	—
25	41.05	11.18	12.15	56.00	-157.50	1.50	23.5	150	—
30	41.16	11.36	12.15	56.55	-159.30	1.30	23.2	180	—
35	41.24	11.59	12.14	56.92	-159.60	1.12	17.3	170	—
40	41.45	11.64	12.12	58.43	-165.90	1.02	13.5	190	—
45	41.57	11.88	12.12	58.87	-167.40	0.87	11.7	160	—
50	41.70	12.24	12.10	60.26	-171.90	0.71	12.7	200	—
55	41.76	12.12	12.12	60.26	-172.50	0.64	10.08	150	—
60	41.85	12.32	12.07	61.84	-177.10	0.55	11.80	210	—
65	41.84	12.05	12.10	62.41	-178.70	0.48	9.32	160	—
70	41.95	12.19	12.09	63.67	-181.80	0.41	10.79	180	—
75	41.79	12.01	12.09	64.96	-184.80	0.35	8.89	190	—
80	41.79	12.19	12.08	66.16	-186.60	0.31	6.08	180	—
85	41.70	12.06	12.08	66.45	-188.70	0.26	5.73	~150	—
90	41.73	12.28	12.07	68.28	-192.60	0.23	4.67	130	—
95	41.69	12.15	12.06	69.69	-195.50	0.20	3.95	160	—
100	41.73	12.17	12.06	70.05	-200.00	0.15	6.86	170	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:56
DO Titrataion = mg/L
Total volume of groundwater purged: 6.5 gal.
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.036

Sample ID: SB915-0843-02 **Sample Time:** 13:03

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: FA01409 = In Situ ID
FA01463 = Turbidity Meter ID

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915 - P2-020
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	41.69	12.01	12.07	70.58	-197.60	0.13	4.41	180	—
110	41.66	12.47	12.05	70.90	-199.60	0.10	5.09	140	—
115	41.52	12.28	12.05	71.92	-201.50	0.08	3.39	140	—
120	41.52	12.27	12.05	72.52	-201.30	0.07	3.82	150	—
125	41.52	12.12	12.05	74.01	-206.9	0.06	8.67	160	—

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Equipment Used: Grund Fos | Date: 3/4/15
Project #: 1163.51008 | Pump/Controller ID#: FA00137 / FA00636 | Weather: 20's Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.35 ~~133.5~~ ft. bmp.
Depth to Water*: 19.35 ft.
Length of Water Column (LWC): 114.2 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: 18.61 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10~~7~~15
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
*	5	~~46.55~~	10.33	6.27	209.51	67.3	0.84	37.9	180	1.132
	10	46.6	9.90	6.27	205.07	63.0	0.81	30.9	180	
	15	46.8	9.78	6.28	206.07	60.3	0.74	13.0	180	
**	20	—	9.65	6.30	206.45	59.3	0.70	21.9	180	
	25	~~46.75~~	9.89	6.30	204.52	59.1	0.70	22.6	180	
	30	~~46.7~~	10.09	6.31	204.25	59.5	0.67	15.2	180	
	35	46.7	10.21	6.31	203.89	59.8	0.66	14.9	180	
	40	46.73	10.43	6.31	202.41	60.40	0.67	15.9	180	
	45	46.75	10.40	6.31	202.49	60.3	0.75	14.3	180	
	50	46.78	10.26	6.32	203.36	60.7	0.74	14.8	180	
	55	46.8	10.30	6.32	202.01	60.6	0.73	15.4	180	
	60									
	65									
	70									
	75									
	80									
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:13
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 3.5 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.130

Sample ID: SB915 - 0243-04 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged 5 gal From well Before Starting
** water indicator Issues due to conductivity
Insitu - FA 01325
LaMotte - FA 00 413

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA0 1147
Field Personnel:
Date: 3/3/15
Weather:

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 79.35 ft. bmp.
Depth to Water*: 28.91 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:15
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.07	7.91	6.54	41.88	-44.20	0.14	26.90	280	1.020
10	29.07	7.97	6.45	49.101	-38.60	0.10	56.50	240	—
15	29.07	7.88	6.43	51.64	-35.60	0.07	19.50	220	—
20	29.07	7.79	6.42	52.56	-31.40	0.06	12.10	240	—
25	29.07	7.78	6.43	52.49	-30.40	0.05	10.78	240	—
30	29.07	7.83	6.42	52.87	-29.20	0.05	6.51	260	—
35	29.07	7.87	6.42	53.08	-29.10	0.04	5.75	200	—
40	29.07	7.90	6.42	53.51	-25.30	0.05	5.59	200	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1156
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.028

Sample ID: SB915-0242-01 Sample Time: 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: in situ - FA 0 13 27
turb - FA0 1163

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: peri pump
Pump/Controller ID#: FA01324
Field Personnel: CAH
Date: 3-3-15
Weather: Cloudy, 20°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 68.77 ft. bmp.
Depth to Water*: 25.95 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:04
Initial Observations: *Color* clear *Odor* some sulfur *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	26.06	9.88	6.79	1.60	-54.20	0.16	3.13	400	1.002
10	26.08	9.77	6.86	1.60	-26.90	0.12	2.00	380	
15	26.08	9.73	6.92	1.60	-20.10	0.11	4.13	380	
20	26.08	9.70	6.94	1.60	-16.40	0.09	2.70	380	
25	26.06	9.71	6.94	1.60	-14.80	0.10	1.82	380	
30	26.06	9.78	6.96	1.60	-14.10	0.09	1.70	380	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:34
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = mg/L
Final Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.002

Sample ID: SB915-0242-02 **Sample Time:** 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: /
Equipment Used: /
Pump/Controller ID#: /
Field Personnel: JWB
Date: 3-2-15
Weather: 20°F Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 34.96 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry,	not	Sampled						
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53J
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00771 / FA01817
Field Personnel: AJF/CAH
Date: 3/2/15
Weather: Snowy, 20°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 51.47 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:44
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	50.73	6.86	12.06	123.87	-206.80	0.96	11.1	180	1.072
10	54.15	6.69	12.20	123.87	-203.60	0.96	9.17	AF 90-100	—
15	55.25	7.38	12.13	123.87	-204.60	0.96	8.97	190	—
* AF 20 5	56.04	8.94	12.16	127.02	-199.10	0.27	10.16	120	—
AF 25 10	57.60	10.39	12.09	127.02	-197.90	0.27	11.60	170	—
AF 30 15	58.16	10.98	12.07	124.78	-195.60	0.19	10.85	150	—
20	58.79	11.82	12.05	124.78	-191.30	0.19	11.70	160	—
25	59.38	12.32	12.03	123.62	-185.40	0.15	9.51	170	—
30	60.09	12.61	12.02	121.59	-179.40	0.15	9.39	180	—
35	60.44	13.74	11.99	119.09	-176.00	0.14	10.34	200	—
40	60.83	14.02	11.99	118.69	-173.30	0.16	8.58	180	—
45									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1248
Total volume of groundwater purged: 3 gal.
DO Titrataion = mg/L
Final Observations: Color Clear Odor No Sheen/Free Product NO
Specific Gravity 1.066

Sample ID: SB915-0241-01 Sample Time: 1310

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: *Accidentally hit "Finish Low-Flow" button. Restarted stabilization at 12:07.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-530
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00636/FA00137
Field Personnel: JWB, KJK
Date: 3/2/15
Weather: 20°F, snowy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 124.05 ft. bmp.
Depth to Water*: 68.01 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1146
Initial Observations: *Color* Black *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
(SB) 5 ~~68.03~~	68.03	9.51	7.11	2.10	-3.30	0.16	(SB) ~~>1000~~ 157	490	1.004
10	68.04	10.45	7.12	2.20	-9.40	0.15	100.4	490	
15	68.04	10.85	7.13	2.20	-17.80	0.12	48.2	490	
20	68.04	11.07	7.13	2.20	-19.00	0.10	34.8	490	
25	68.04	11.15	7.14	2.20	-18.70	0.09	23.0	490	
30	68.04	11.24	7.14	2.20	-19.00	0.08	12.9	490	
35	68.04	11.19	7.15	2.20	-18.30	0.07	11.8	490	
40	68.04	11.30	7.16	2.20	-18.30	0.07	8.46	490	
45	68.04	11.26	7.16	2.20	-17.20	0.06	6.37	490	
50	68.04	11.34	7.15	2.20	-17.00	0.06	4.84	490	
55	68.04	11.64	7.17	2.20	-18.20	0.05	4.38	490	
60	68.04	11.70	7.17	2.20	-16.60	0.04	4.44	490	
65	68.04	11.61	7.16	2.20	-16.70	0.05	3.99	490	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1252
Total volume of groundwater purged: 16 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.002

Sample ID: SB915-0241-02 **Sample Time:** 1305

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Ground Pro
Pump/Controller ID#: FA00636 / FA000796
Field Personnel: CAH TBO
Date: 2-26-15 2-27-15
Weather: Sunny, 10°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 114.59 ft. bmp.
Depth to Water*: 15.04 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1058
Initial Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	16.64	10.39	6.48	175.80	-2.90	0.47	22.0	290	1.104
10	17.28	9.31	6.65	181.10	33.70	0.33	14.6	290	
15	18.55	10.38	6.77	177.60	8.20	0.21	13.9	290	
20	---	12.10	6.92	177.60	-45.70	0.05	—	—	
25	41.83	12.23	6.99	172.50	-29.00	0.06	13.8	280	
30	41.99	10.57	6.99	175.40	-16.40	0.08	13.6	280	
35	42.49	9.91	6.98	179.30	-10.60	0.11	14.1	280	1.104
40	43.13	9.68	6.97	180.90	-4.70	0.10	20.2	250	
45	43.97	9.78	6.97	181.70	-1.80	0.11	15.1	250	
50	44.49	9.54	6.97	181.10	1.80	0.11	12.0	200	
55	44.87	10.06	6.96	179.90	4.00	0.11	11.1	200	
60	45.46	9.88	6.95	181.00	4.10	0.11	11.9	200	
65	45.83	9.73	6.95	180.90	6.50	0.12	8.42	200	1.110
70	46.16	9.87	6.95	180.50	9.30	0.12	8.25	200	
75	46.59	9.73	6.94	181.20	11.90	0.13	7.73	200	
80	46.97	9.56	6.93	182.20	13.30	0.13	7.33	200	
85	47.39	9.87	6.93	180.60	9.70	0.12	7.20	200	1.110
~~90~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:24
Total volume of groundwater purged: 9 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.110

Sample ID: SB915-02 40-01, 02 (FD) **Sample Time:** 12:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: insitu - FA01109
turb - FA01344
★ Purged 5 gallons

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA00771
Field Personnel: AJF/JWB
Date: 2/27/15
Weather: Cold, Sunny, 45°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 158.80 ft. bmp.
Depth to Water*: 24.90 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1107
Initial Observations: Color Clear Odor No Sheen/Free Product No

Depth
47.00

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	24.90	10.96	6.42	200.51	13.90	0.05	10.28	600	1.134
10	47.00	10.23	6.41	203.50	8.90	0.05	9.33	600	—
15									—
20	47.00	10.76	6.44	203.01	1.30	0.04	26.80	560	—
25	47.00	10.45	6.46	207.63	0.30	0.05	12.7	540	—
30	47.00	10.50	6.48	207.36	-0.30	0.04	1.42	540	—
35	46.90	10.41	6.49	208.96	-1.00	0.03	2.34	540	—
40	46.73	10.27	6.49	209.39	-1.00	0.04	1.45	490	—
45									—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1151
Total volume of groundwater purged: 12 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.134

Sample ID: SB915-0240-05, 04(MS) 05(MSD) Sample Time: 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: Purged 5 gallons before taking readings.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-14BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 2/26/15
Weather: 20° overcast

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 120.69 ft. bmp.
Depth to Water*: 9.60 ft.
Length of Water Column (LWC): 111.09 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: 18.108 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1115
Initial Observations: Color Clear Odor None Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	9.74	8.97	6.52	209.22	18.5	0.12	49.9	340	1.03
10	9.69	9.26	6.55	205.13	8.70	0.06	38.8	380	
15	9.7	9.45	6.56	204.51	8.20	0.05	54.1	380	
20	9.7	9.73	6.56	202.10	12.4	0.04	54.2	380	
25	9.7	9.87	6.55	199.75	16.0	0.03	56.3	380	
30	9.7	9.60	6.55	198.51	18.2	0.03	41.1	380	
35	9.7	9.63	6.55	198.43	19.5	0.03	36.1	380	
40	9.7	9.68	6.54	200.24	20.9	0.02	43.1	380	
45	9.7	9.67	6.54	198.85	21.8	0.02	36.4	380	
50	9.68	9.45	6.54	200.74	22.5	0.03	35.3	250	
55	–	9.65	6.54	202.44	23.1	0.03	–		
60	–	9.55	6.53	200.96	23.8	0.03	–		
65	9.69	9.70	6.53	198.46	22.8	0.03	26.2	330	
70	9.65	9.54	6.53	200.54	23.5	0.02	35.9	330	
75	9.65	9.96	6.52	198.66	23.3	0.02	46.0	330	
80	9.65	9.99	6.52	197.1	23.8	0.02	30.8	330	
85	9.65	10.10	6.52	198.78	23.6	0.01	19.4	330	
90	9.65	9.96	6.53	198.59	23.9	0.01	22.4	330	
95	9.65	9.8	6.52	199.09	23.8	0.01	26.07	330	
100	9.65	9.87	6.52	196.68	24.2	0.01	16.9		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
Total volume of groundwater purged: 10 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity

Sample ID: SB915-0239 – 01 Sample Time: 16:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

OBRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: WB18-MW-14R
Northing:
Easting:

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
				indicate units					
				Continued from previous page.					
105	9.65	9.84	6.52	198.28	24.7	0.01	11.1	330	
110	9.65	9.78	6.62	198.29	24.8	0.01	8.45	330	
115	9.65	9.52	6.52	200.12	24.8	0.01	8.00	330	1.12
120									
125									
130									
135									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB8-MW-14D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01149
Field Personnel: CAH
Date: 2-26-15
Weather: Cloudy, 100's

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.64 ft. bmp.
Depth to Water*: 6.38 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:56
Initial Observations: Color light red Odor NO Sheen/Free Product NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	8.97	8.95	6.29	64.60	-15.00	0.98	6.51	240	1.030
10	9.95	8.86	6.30	64.90	-29.50	0.67	6.89	240	
15	11.45	9.06	6.31	64.60	-36.70	0.52	15.7	240	
20	12.32	9.09	6.31	64.90	-40.10	0.39	19.7	240	
25	13.09	9.04	6.31	64.50	-42.10	0.37	23.5	240	
30	13.73	9.10	6.31	64.60	-42.70	0.32	26.9	240	1.030
35	14.39	9.36	6.31	64.20	-43.10	0.23	26.6	240	
40	14.98	9.36	6.31	64.10	-42.70	0.20	26.2	240	
45	15.50	9.60	6.31	63.50	-41.60	0.13	33.8	240	
50	15.88	9.42	6.31	63.20	-40.90	0.11	28.9	240	
55	16.20	9.51	6.31	63.30	-39.30	0.08	29.5	230	1.030
60	16.39	9.56	6.31	63.20	-38.50	0.07	27.9	230	
65	16.55	9.66	6.30	63.20	-36.80	0.07	32.8	230	
70	16.69	9.70	6.30	63.20	-35.00	0.04	32.0	230	
75	16.82	9.74	6.30	62.90	-34.50	0.02	26.6	230	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:11
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L
Final Observations: Color light cloudy Odor NO Sheen/Free Product NO
Specific Gravity 1.030

Sample ID: SB915-0239-02 Sample Time: 12:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Grundfos
Pump/Controller ID#: FA01746 | FA0071[illegible]96
Field Personnel: JWB
Date: 2/26/15
Weather: ~50F Cloudy

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 13.44 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1205
Initial Observations: Color Vi. light Brw Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	38.45	8.54	6.50	174.58	11.60	0.05	17.1	200	1.116
10	36.55	8.21	6.44	176.97	16.10	0.06	13.1	200	
15	36.56	8.26	6.45	177.71	16.70	0.08	12.9	200	
20	36.57	8.41	6.46	176.66	17.00	0.07	11.8	200	
25	36.57	8.36	6.52	182.70	17.10	0.07	10.38	200	
30	36.50	8.36	6.57	182.24	17.70	0.07	8.80	200	
35	36.54	8.58	6.54	183.11	17.90	0.07	7.25	200	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1245
Total volume of groundwater purged: 6.5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.120

Sample ID: SB915-0239-03 **Sample Time:** 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * Purged 5 gallons before starting Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008

Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01417

Field Personnel: AJF
Date: 2/26/15
Weather: Overcast, 20°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 99.02 ft. bmp.
Depth to Water*: 8.60 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1205
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.80	9.49	6.08	125.08	-2.90	0.82	14.3	420	1.072
10	8.83	9.49	6.12	125.96	-1.80	0.51	11.9	410	—
15	8.84	9.59	6.14	126.75	-1.40	0.50	8.91	420	—
20	8.80	9.68	6.16	126.75	-1.30	0.50	7.43	420	—
25	8.80	9.87	6.17	126.87	-0.100	0.32	3.67	420	—
30	8.80	9.77	6.18	126.87	0.10	0.32	3.34	420	—
35	8.80	9.78	6.19	125.92	0.50	0.32	2.19	420	—
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1243
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.074

Sample ID: SB915-D259-04 Sample Time: 1300

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42 SI
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008

Sampling Method: Low Flow
Equipment Used: Pump Grundfos
Pump/Controller ID#: 1989 / 796

Field Personnel: KJK / CAH
Date: 2/25/15
Weather: Sunny ~12°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 70.08 ft. bmp.
Depth to Water*: 50.91 ft.
Length of Water Column (LWC): 19.17 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1126
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	53.13	7.63	12.89	102.89	-49.50	0.69	8.37	100	1.050
10	54.58	8.64	12.76	97.71	-41.00	0.39	7.7	100	
15	54.88	8.83	12.68	100.10	-29.70	0.44	7.49	100	
20	55.56	10.06	12.59	98.25	-23.60	0.50	7.52	100	
25	56.58	10.09	12.59	97.54	-21.20	0.58	7.43	100	
30	57.08	16.66	12.57	97.68	-19.70	0.71	7.50	100	
35	57.68	11.45	12.57	97.12	-20.40	0.83	7.56	100	
40	57.93	12.15	12.47	95.01	-22.20	0.91	7.26	100	
45	58.35	12.27	12.45	94.98	-22.50	1.02	7.27	100	
50	58.65	12.93	12.39	94.91	-26.70	1.11	6.6	100	
55	59.23	13.84	12.34	92.85	-31.70	1.19	7.56	100	
60	59.75	13.24	12.36	93.55	-31.10	1.22	5.72	100	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DO Titrataion = mg/L

End Purge Time: 1226
Total volume of groundwater purged: 2 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity

Sample ID: SB915-0238-01.03(FD) Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-12D

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: GRUNDFOS
Pump/Controller ID#: FA01716 / FA01448
Northing:
Easting:
Field Personnel: AJF / JWB
Date: 2/25/15
Weather: Cld, Sunny, ~15°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 133.40 ft. bmp.
Depth to Water*: 68.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:29
Initial Observations: Color Clear Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
			indicate units						
5	68.88	8.67	6.39	89.85	-35.50	0.38	10.62	250	1.044
10	68.82	9.35	6.39	89.85	-33.70	0.38	12.00	360	—
15	68.82	10.06	6.26	89.85	-36.30	0.38	21.00	360	—
20	68.80	9.95	6.30	89.85	-36.20	0.38	19.50	360	—
25	68.80	10.15	6.31	89.85	-36.20	0.38	18.50	360	—
30	68.80	10.29	6.32	89.85	-36.10	0.38	16.50	360	—
35	68.82	10.62	6.33	89.85	-36.10	0.38	15.20	360	—
40	68.82	11.08	6.33	89.85	-37.10	0.38	12.90	360	—
45	68.82	11.14	6.33	102.38	-37.20	0.03	10.61	360	—
50	68.82	11.63	6.34	102.29	-38.20	0.03	8.46	360	—
55	68.82	11.73	6.34	102.63	-36.90	0.01	6.93	360	—
60	68.80	11.92	6.35	102.04	-37.70	0.00	5.56	360	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:31
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L
Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.054

Sample ID: SB915-0238-02
Sample Time: 12:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42 (DUP S)
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel: JWB
Date: 2/25/15
Weather: ~20°F Sun

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
well	Dry,	not sampled							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____

Total volume of groundwater purged: _____ gal.

DO Titrataion = _____ mg/L

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA013 24
Field Personnel: TBP AJF
Date: 2/24/15
Weather: 10° Sunny

Well information:
Installed Depth of Well*: ~~40~~ AF ft. bmp.
Measured Depth of Well*: 82.00 ft. bmp.
Depth to Water*: 15.68 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.76	8.74	6.10	121.00	17.50	4.28	3.34	480	1.068
1114 * AF 05	15.79	9.50	6.14	125.70	27.10	0.12	41.3	460	1.068
10	15.8	9.68	6.11	124.60	28.2	0.10	23.7	430	—
15	15.79	9.91	6.10	123.80	28.40	0.09	18.6	430	—
20	15.78	9.92	6.10	123.40	28.30	0.08	14.1	420	—
25	15.77	9.89	6.10	124.50	28.50	0.07	12.2	410	—
30	15.75	9.86	6.10	123.60	28.30	0.07	11.15	420	—
35	15.75	9.84	6.11	123.80	28.00	0.06	8.84	420	—
40	15.77	9.81	6.11	123.90	28.30	0.06	7.01	410	—
45	15.77	9.96	6.11	123.50	28.20	0.06	6.48	400	—
50	15.75	10.10	6.11	129.70	28.30	0.05	7.95	400	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1206
Total volume of groundwater purged: 8 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.068

Sample ID: SB915-0237-01 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: LAMotte - FA00413
* New tubing, Program restart.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#:
Field Personnel: CAH
Date: 2-23-15
Weather: Sunny, 50F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 25.60 ft. bmp.
Depth to Water*: 11.26 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1104
Initial Observations: Color Clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	13.03	7.78	6.28	125.48	23.20	0.13	160.7	200	1.064
10	14.01	7.49	6.24	125.94	21.80	0.05	12.58	200	
15	15.20	7.62	6.22	126.31	20.50	0.05	13.5	140	
20	15.85	6.73	6.22	127.15	19.70	0.06	34.8	140	
25	16.50	7.00	6.21	126.03	19.90	0.06	47.7	140	
30	16.62	7.00	6.21	126.58	20.20	0.07	48.2	140	
35	16.75	7.29	6.21	125.94	18.90	0.09	41.5	140	
40	16.85	7.42	6.21	125.51	18.50	0.12	44.5	120	1.064
45	16.92	7.59	6.21	124.76	17.20	0.14	42.5	120	
50	17.00	7.49	6.22	124.74	16.80	0.16	52.4	120	
55	17.05	7.10	6.22	124.24	16.50	0.18	51.4	120	
60	17.05	6.50	6.22	125.71	17.10	0.19	57.9	120	
65	17.10	7.22	6.21	125.44	16.70	0.18	49.5	120	
☆ 70	17.15	8.07	6.22	123.96	16.60	0.63	NA	☆200	
75	17.65	8.37	6.22	124.52	16.80	1.13	51.3	180	
80	17.75	8.11	6.23	123.68	11.40	0.59	63.9	120	1.064
85	17.83	8.07	6.24	123.54	10.50	0.43	87.6	120	
90	17.97	8.11	6.24	123.68	8.70	0.37	90.0	130	
95	18.13	8.32	6.24	122.96	10.10	0.52	76.4	130	
100	18.22	8.21	6.24	122.82	9.90	0.55	88.3	130	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
DO Titrataion = mg/L
Total volume of groundwater purged: gal.
Final Observations: Color Light Brown Odor NO Sheen/Free Product NO
Specific Gravity 1.068

Sample ID: SB915-0237-02
Sample Time: 1150 2.24.15

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ☆ = Hooked up battery to truck
Insitu = FA
Turb = FA

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-1045
Northing: _____
Easting: _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
indicate units									
Continued from previous page.									
105	18.40	8.27	6.24	123.13	9.50	0.66	101.9	130	
110	18.55	8.30	6.24	123.23	9.70	0.60	100.5	130	
115	18.70	8.29	6.24	122.39	10.10	0.60	90.3	130	
120	18.85	8.11	6.24	122.67	9.30	0.67	87.4	130	1.064
125	19.20	8.26	6.24	122.89	10.40	0.81	77.9	130	
130	19.61	8.16	6.25	122.69	12.30	0.91	84.0	130	
135	19.72	8.26	6.25	122.12	14.20	1.12	96.0	130	
140	19.82	8.26	6.25	123.53	15.10	1.10	98.0	130	
145	21.16	9.49	6.22	122.24	16.90	0.37	132	130	1.064
	★ Purged Dry								
2/24/15	1132								
	9.80	6.62	6.10	119.98	75.9	7.83	118	240	1.065
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method:
Equipment Used:
Pump/Controller ID#:
Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.34 ft. bmp.
Depth to Water*: 17.90 ft.
Length of Water Column (LWC): 0.44 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☐ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time:
Initial Observations: *Color* *Odor* *Sheen/Free Product*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
indicate units									
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time:
Total volume of groundwater purged: gal.
DO Titrataion = mg/L

Final Observations: *Color* *Odor* *Sheen/Free Product*
Specific Gravity

Sample ID: **Sample Time:**

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Pen
Pump/Controller ID#: 1147
Field Personnel: KSIC
Date: 2/23/15
Weather: Snow ~0°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 75.23 ft. bmp.
Depth to Water*: 28.43 ft.
Length of Water Column (LWC): 46.80 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1101
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	28.45	9.39	8.82	1.10	66.00	0.24	8.26	460	1.002
10	28.45	8.74	8.62	1.30	60.70	0.20	3.14	460	
15	28.45	8.64	8.36	1.40	56.90	0.22	3.98	460	
20	28.45	8.85	8.14	1.40	54.70	0.21	10.38	460	
25	28.45	8.74	8.01	1.40	52.70	0.26	13.8	460	
30	28.45	9.05	7.90	1.40	51.20	0.25	12.1	460	
35	28.45	9.04	7.83	1.40	49.90	0.30	9.90	460	
40	28.45	8.99	7.78	1.50	49.10	0.28	9.28	460	
45	28.45	9.34	7.73	1.40	48.40	0.30	6.53	460	
50	28.45	9.43	7.77	1.40	47.90	0.26	4.75	460	
55	28.45	9.21	7.78	1.40	47.30	0.27	3.00	460	
60	28.45	8.97	7.76	1.40	46.80	0.25	2.46	460	
65	28.45	9.33	7.75	1.40	46.40	0.24	1.98	460	
70	28.45	9.40	7.88	1.40	46.10	0.22	1.56	460	
75	28.45	9.23	7.90	1.40	45.60	0.26	1.31	460	
80	28.45	9.39	7.87	1.40	45.20	0.30	1.32	466	
85	28.45	9.24	7.88	1.40	45.30	0.28	1.18	460	
90	28.45	9.44	7.87	1.40	45.00	0.27	6.86	460	
95	28.45	9.30	7.87	1.40	44.80	0.20	0.81	460	
100	28.45	9.16	7.88	1.40	44.50	0.35	0.83	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1316
DO Titrataion = mg/L
Total volume of groundwater purged: 18 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.004

Sample ID: SB915-0236-01 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:
Turb - FAQ 413
In-S.Tu - 1138

1 of 2

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-MW-104I
Northing:
Easting:

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
				indicate units					
				Continued from previous page.					
105	28.45	9.21	7.88	1.40	44.50	0.34	0.74	460	
110	28.45	9.16	7.88	1.40	44.30	0.43	0.62	460	
115	28.45	9.04	7.87	1.40	44.20	0.37	0.56	460	
120	28.45	9.13	7.72	1.40	44.50	0.40	0.49	460	
125	28.45	9.06	7.69	1.40	44.30	0.41	0.49	460	
130	28.45	9.07	7.70	1.40	44.10	0.43	0.51	460	1.004

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA00729
Field Personnel: JWS, AJF
Date: 2/23/15
Weather: Fing Snowy, 5°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 36.38 ft. bmp.
Depth to Water*: 8.07 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 10:55
Initial Observations: Color Clear Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.08	7.57	6.90	13.90	-9.30	0.17	3.48	340	1.006
10	8.08	7.41	6.88	13.90	-22.90	0.08	0.55	340	—
15	8.08	7.17	6.88	13.90	-30.80	0.06	2.55	340	—
20	8.08	7.17	6.88	13.90	-34.00	0.05	4.27	340	—
25	8.08	7.25	6.88	13.90	-32.20	0.04	1.05	340	—
30	8.08	7.02	6.88	13.90	-31.50	0.04	1.96	340	—
35	8.08	7.03	6.88	13.90	-31.10	0.04	1.21	340	—
40	8.08	7.05	6.88	13.90	-31.00	0.04	1.00	340	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:34
Total volume of groundwater purged: 3.5 gal.
DO Titrataion = ____ mg/L
Final Observations: Color Clear Odor None Sheen/Free Product No
Specific Gravity 1.008

Sample ID: SB915-0236-02 Sample Time: 11:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IM4-02S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: CAH TBP
Date: 2/20/15
Weather: 0° SNOW

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.63 ft. bmp.
Depth to Water*: 6.90 ft.
Length of Water Column (LWC): 13.73 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 2.24 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:25
Initial Observations: Color cloudy Odor NONE Sheen/Free Product NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	8.85	8.35	6.5	46.9	56.7	0.21	55.3	250	1.024
10	10.02	7.97	6.43	47.1	49.3	0.19	18	250	
15	10.39	8.32	6.38	47.0	44.9	0.17	23.3	250	
20	10.95	8.74	6.36	47.2	35.7	0.15	21.1	250	
25	11.18	8.64	6.35	47.1	31.8	0.14	10.06	250	
30	11.38	8.92	6.34	47.50	28.80	0.13	6.53	250	
35	11.60	9.17	6.34	47.40	26.00	0.12	4.70	250	1.024
40	11.70	9.30	6.33	47.50	22.40	0.10	14.4	250	
45	11.85	9.41	6.32	48.10	20.6	0.09	16.3	250	
50	11.92	9.30	6.32	48.10	20.30	0.08	22.0	250	
55	12.0	9.49	6.32	48.4	18.00	0.06	41.6	250	
60	11.99	9.82	6.32	48.6	17.1	0.05	64.7	250	
65	11.86	9.68	6.32	48.40	17.00	0.05	66.2	250	
70	11.9	9.54	6.32	48.30	17.10	0.04	86.4	250	
75	11.8	9.71	6.31	49.3	16.8	0.05	86.4	250	
80	11.87	9.84	6.32	48.60	17.50	0.04	76.6	250	
85	11.85	9.63	6.31	48.40	17.90	0.03	75.9	250	
90	11.70	9.73	6.31	49.10	17.80	0.04	80.7	250	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:05
Total volume of groundwater purged: 7 gal.
DO Titrataion = mg/L

Final Observations: Color cloudy Odor NO Sheen/Free Product NO
Specific Gravity 1.026

Sample ID: SB915-0235-01 Sample Time: 1325

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01147
Field Personnel: AFF, JWB
Date: 2/20/15
Weather: Snowy, 10F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 9.64 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1140
Initial Observations: Color V. Light Brwn Odor Sulfur Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	~~9.64~~	8.67	6.05	68.20	-14.40	0.11	9.12	260	1.034
10	~~10.27~~	8.23	6.11	58.40	-25.00	0.07	13.2	240	—
15	11.45	8.45	6.15	51.30	-35.40	0.05	14.1	240	—
20	11.73	8.56	6.14	49.80	-35.20	0.04	14.4	240	—
25	11.94	8.61	6.13	48.80	-33.30	0.04	20.0	240	—
30	11.94	8.13	6.16	48.10	-32.40	0.04	30.7	240	—
35	12.00	8.33	6.18	47.70	-32.30	0.03	28.8	240	—
40	12.23	8.37	6.20	~~47.80~~ 47.80	-32.30	0.03	23.1	240	—
45	12.45	8.15	6.21	48.20	-33.10	0.03	17.0	240	—
50	12.75	8.21	6.21	48.60	-33.90	0.03	11.8	240	—
55	12.90	8.24	6.21	48.60	-33.40	0.03	10.88	240	—
60	13.10	8.56	6.20	49.90	-35.00	0.03	9.50	240	—
~~60~~ 65	13.30	8.53	6.19	50.40	-34.50	0.03	7.25	240	—
70	13.53	8.52	6.19	51.30	-33.90	0.02	6.10	240	—
75	13.65	8.52	6.18	52.40	-34.00	0.02	5.62	240	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Depth ↓
10.64 ← 10
10.27 ← 15

End Purge Time: 1258
Total volume of groundwater purged: 5 gal.
DO Titrataion = ____ mg/L

Final Observations: Color Clear Odor Slight Sulfur Sheen/Free Product No
Specific Gravity 1.024

Sample ID: SB915-0235-02, 03(MS), 04(MSD) Sample Time: 1320

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 2-11-15
Weather: ~14°F Sunny

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 26.10 ft. bmp.
Depth to Water*: 9.15 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1019
Initial Observations: Color Clear Odor Sulfur Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.00	11.06	5.94	65.18	-61.00	0.52	11.3	240	1.034
10	10.55	11.02	6.04	52.97	-59.70	0.08	12.5	240	
15	11.04	11.13	6.08	45.88	-50.60	0.03	13.7	240	
20	11.18	10.76	6.09	44.31	-42.50	0.05	15.0	240	
25	11.60	10.80	6.09	42.77	-40.00	0.03	22.6	240	
30	11.75	10.34	6.06	44.75	-40.10	0.04	22.3	240	
35	12.05	9.87	6.08	44.82	-42.70	0.04	18.9	240	
40	12.26	9.76	6.04	50.48	-43.70	0.13	14.4	240	
45	12.47	9.68	6.11	46.03	-44.70	0.04	12.1	240	
50	12.70	9.71	6.11	46.60	-45.20	0.05	11.95	240	
55	12.95	10.05	6.11	46.68	-46.30	0.05	8.92	240	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1114
Total volume of groundwater purged: 5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor Sulfur Sheen/Free Product No
Specific Gravity 1.022

Sample ID: SB915-0228-61 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low flow
Equipment Used: Peri pump
Pump/Controller ID#: FA00729
Field Personnel: CAH + TBF
Date: 2-19-15
Weather: 0°, wind

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 21.86 ft. bmp.
Depth to Water*: 12.77 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* ____ *Odor* some sulfur *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.79	9.30	6.49	12.70	-40.00	0.11	9.30	480	1.008
10	12.86	9.45	6.55	12.30	-36.90	0.06	5.05	480	
15	12.86	9.54	6.56	12.20	-33.20	0.06	2.77	480	
20	12.86	9.87	6.58	11.80	-31.80	0.05	2.35	480	
25	12.86	9.60	6.59	11.60	-30.00	0.04	2.33	480	
30	12.86	9.77	6.58	11.70	-29.30	0.04	1.92	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:25
Total volume of groundwater purged: 4.5 gal.
DO Titrataion = ____ mg/L
Final Observations: *Color* clear *Odor* little sulfur *Sheen/Free Product* NO
Specific Gravity 1.004

Sample ID: SB915-0234-01 **Sample Time:** 11:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA0132-4
Field Personnel: AJF, JWB
Date: 2/19/15
Weather: Light Snow, 60°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.83 ft. bmp.
Depth to Water*: 12.18 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1104
Initial Observations: *Color* Light Brown *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.18	9.81	6.94	20.40	-81.00	0.01	43.3	420	1.012
10	12.24	9.89	7.01	20.50	-84.81	0.00	18.8	420	—
15	12.25	9.76	7.04	20.40	-85.00	0.09	9.62	420	—
20	12.25	9.89	7.05	20.40	-87.70	0.00	7.12	420	—
25	12.25	9.79	7.07	20.40	-87.20	0.00	3.65	420	—
30	12.25	9.60	7.09	20.50	-89.20	0.00	1.78	420	—
35	12.25	9.72	7.09	20.50	-84.10	0.00	2.14	420	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140
Total volume of groundwater purged: 5 gal.
DO Titrataion = — mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.010

Sample ID: SB915 - 0234-02 **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01149
Field Personnel: AJF
Date: 2/18/15
Weather: Sunny, 10-15°C

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 14.24 ft. bmp.
Depth to Water*: 8.55 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:17
Initial Observations: Color Light Brown Odor Slight Iron Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.53	9.41	6.22	96.30	13.60	0.08	68.3	360	1.048
10	8.50	9.40	6.23	96.62	15.10	0.06	60.5	350	—
15	8.48	9.49	6.23	95.64	16.50	0.05	44.7	360	—
20	8.51	9.62	6.23	95.90	17.50	0.05	38.0	360	—
25	8.48	9.82	6.23	94.89	18.10	0.04	31.6	360	—
30	8.48	9.87	6.23	95.69	18.80	0.04	26.8	360	—
35	8.50	9.69	6.23	95.16	19.80	0.04	23.5	370	—
40	8.49	9.94	6.22	95.53	19.50	0.04	21.1	370	—
45	8.49	9.84	6.23	97.12	21.30	0.05	20.1	370	—
50	8.49	9.68	6.23	96.79	21.80	0.04	16.2	370	—
55	8.49	9.78	6.22	96.20	21.90	0.04	15.1	370	—
60	8.46	9.80	6.22	96.06	22.20	0.04	11.6	370	—
65	8.47	9.87	6.22	96.07	22.10	0.04	10.92	370	—
70	8.47	9.81	6.22	96.32	22.90	0.04	10.33	370	—
75	8.49	10.20	6.22	94.58	22.80	0.03	9.22	370	—
80	8.48	9.97	6.22	95.88	23.40	0.03	9.25	370	—
85	8.48	10.10	6.21	96.33	22.50	0.03	7.77	370	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:44
Total volume of groundwater purged: 19.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.050

Sample ID: SB915-0223-01 **Sample Time:** 11:55

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-GWR-104
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: KJK
Date: 2/18/15
Weather: Sunny ~2° F Cold

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.15 ft. bmp.
Depth to Water*: 10.20 ft.
Length of Water Column (LWC): 8.95 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 953
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.85	8.90	6.89	61.90	-75.20	0.09	7.07	200	1.030
10	11.19	8.29	6.87	59.10	-71.40	0.06	9.13	190	
15	11.48	7.70	6.84	59.00	-66.00	0.05	10.48	160	
20	11.92	7.56	6.81	58.80	-61.70	6.04	11.26	160	
25	12.20	7.51	6.77	58.30	-57.00	0.04	11.89	160	
30	12.51	7.23	6.73	58.30	-58.30	0.03	8.36	160	
35	12.61	7.23	6.68	58.60	-52.00	0.04	7.69	160	
40	12.82	7.45	6.65	58.40	-56.30	0.05	6.38	160	
45	13.09	7.58	6.64	57.90	-49.20	0.05	5.86	160	
50	13.38	7.99	6.63	58.30	-47.80	0.11	6.27	160	
55	13.76	7.89	6.64	59.20	-45.00	0.17	4.04	160	
60	14.15	8.02	6.66	59.10	-43.60	0.19	3.87	160	
65	14.44	8.28	6.69	60.10	-44.00	0.20	3.55	160	
70	14.54	8.42	6.73	60.70	-43.90	0.19	3.22	160	
75	14.99	8.22	6.75	61.40	-44.10	0.17	4.62	160	
80	15.38	8.25	6.77	62.40	-46.90	0.12	3.15	160	
85	15.75	8.28	6.81	63.60	-49.70	0.15	2.90	160	
90	16.01	8.18	6.86	64.30	-52.10	0.17	2.94	160	
95	16.20	8.21	6.93	65.30	-56.30	0.20	2.49	160	1.030
~~100~~								~~160~~	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1029
DO Titrataion = mg/L
Total volume of groundwater purged: 3 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.030

Sample ID: SB915-0233-02 **Sample Time:** 1105

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163,51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 2-18-15
Weather: ~8° F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 29.35 ft. bmp.
Depth to Water*: 11.13 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1037
Initial Observations: *Color* V. light brown *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	12.73	8.78	8.12	33.30	-297.10	0.04	30.8	230	1.014
10	13.14	9.11	9.42	29.90	-540.00	-0.05	38.2	230	
15	13.38	9.35	9.75	30.00	-578.30	-0.05	53.1	230	
20	13.45	9.51	9.30	30.70	-601.30	-0.05	90.8	230	
25	13.50	9.87	9.09	30.90	-612.10	-0.06	80.8	230	
30	13.53	9.84	8.98	30.90	-602.40	-0.06	60.6	230	
35	13.55	9.96	8.88	31.00	-583.20	-0.06	53.2	230	
40	13.53	10.10	8.84	30.90	-568.40	-0.06	39.9	230	
45	13.52	10.23	8.76	31.10	-550.00	-0.06	38.7	230	
50	13.51	10.15	8.77	30.90	-550.30	-0.06	31.0	230	
55	13.52	10.80	8.79	30.60	-566.40	-0.06	27.3	230	
60	13.54	10.85	8.80	30.40	-583.60	-0.06	24.5	230	
65	13.54	10.88	8.78	30.50	-587.70	-0.06	22.9	230	
70	13.54	11.17	8.75	30.60	-584.60	-0.06	20.6	230	
75	13.54	11.18	8.75	30.50	-582.80	-0.07	22.5	230	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1153
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 5 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.014

Sample ID: SB915-0233-03 **Sample Time:** 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FAD1324
Field Personnel: CAH
Date: 2-18-15
Weather: Sun, 10°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 74.20 ft. bmp.
Depth to Water*: 6.67 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1012
Initial Observations: Color cloudy Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.65	10.39	6.20	90.12	22.00	0.10	96.5	470	1.050
10	6.65	10.17	6.14	90.92	22.40	0.10	85.1	470	
15	6.65	10.19	6.13	90.43	23.50	0.08	63.6	470	
20	6.65	10.19	6.13	90.51	24.80	0.07	52.3	470	
25	6.65	10.33	6.13	91.15	25.80	0.07	40.6	470	
30	6.65	10.57	6.12	90.07	26.40	0.06	30.6	470	1.050
35	6.65	10.67	6.12	89.92	27.10	0.06	24.8	470	
40	6.65	10.64	6.13	89.78	27.80	0.06	19.8	470	
45	6.65	10.62	6.13	90.48	28.40	0.06	16.7	470	
50	6.65	10.66	6.13	89.77	28.40	0.06	12.3	470	1.052
55	6.65	10.57	6.13	89.64	29.50	0.05	12.3	470	
60	6.65	10.48	6.12	90.79	30.10	0.05	9.82	470	
65	6.65	10.47	6.12	90.14	30.50	0.03	6.58	470	
70	6.65	10.52	6.12	89.88	30.80	0.03	6.58	470	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:22
DO Titrataion = mg/L
Total volume of groundwater purged: 11 gal.
Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.052

Sample ID: SB915-0233-04 **Sample Time:** 11:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09U
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: —
Field Personnel: JWB
Date: 2-18-15
Weather: ~30°F Sun

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 14.35 ft. bmp.
Depth to Water*: 12.66 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____

Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	well	went dry in	5 mins,	can't	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ DO Titrataion = _____ mg/L

Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWR
Date: 2.17.15
Weather: 5°F Sun

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 22.60 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1115
Initial Observations: *Color* clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	23.10	8.30	6.92	3.00	-15.80	0.41	450	200	1.002
10	23.90	8.18	6.93	3.00	-2.80	0.27	131	200	
15	24.32	8.59	6.93	3.00	-2.50	0.14	62.6	220	
20	24.32	8.26	6.95	3.00	-1.30	0.10	23.5	220	
25	24.43	8.35	6.93	3.00	-0.50	0.09	16.0	220	
30	24.50	8.25	6.94	3.00	-0.60	0.08	8.09	220	
35	24.53	8.27	6.93	3.00	-0.70	0.07	7.25	220	
40	24.60	8.29	6.94	3.00	-1.40	0.05	6.49	220	
45	24.63	8.51	6.96	3.00	-1.10	0.05	6.25	220	
50	24.66	8.70	6.93	3.00	-0.50	0.05	6.57	220	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210
DO Titrataion = _____ mg/L
Total volume of groundwater purged: 4 gal.
Final Observations: *Color* clear *Odor* NO *Sheen/Free Product* No
Specific Gravity 1.000

Sample ID: SB915-0232-01 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 3/7/15
Weather: 5°F partly cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.85 ft. bmp.
Depth to Water*: 29.8 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☒ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:28
Initial Observations: Color Clear Odor Slight Sulfur Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	29.85	29.58.14	7.35	.90	-56.8	.07	9.79	440	1.004
10	29.85	8.83	7.35	1.00	-53.1	.04	7.37	420	
15	29.85	8.74	7.36	1.00	-49.6	.03	7.18	420	
20	29.85	8.44	7.36	1.10	-46.0	.03	5.81	420	
25	29.85	8.16	7.37	1.10	-44.1	.04	5.50	420	
30	29.85	8.64	7.32	1.10	-43.1	.02	5.17	440	
35	29.85	8.97	7.33	1.10	-43.1	.01	4.56	440	
40	29.85	9.16	7.34	1.10	-42.3	.01	3.48	440	
45	29.85	9.07	7.33	1.10	-39.8	.01	2.26	440	
50									
55									
60									
65									
70									
75									
80									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:15
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.004

Sample ID: SB915-02ML-07 Sample Time: 12:24

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1012
Northing:
Easting:

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Equipment Used: Peri pump | Date: 8-17-15
Project #: 1163.51008 | Pump/Controller ID#: FA0729 | Weather: 80°F, Sun, light wind

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 54.42 ft. bmp.
Depth to Water*: 16.75 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1055
Initial Observations: Color light cloudy Odor some sulfur Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.94	10.48	7.38	44.62	-104.80	0.13	46.5	350	1.022
10	19.97	10.71	7.57	44.18	-113.70	0.09	37.2	350	
15	20.84	11.18	7.58	42.52	-112.30	0.07	33.9	340	
20	21.40	11.24	7.49	39.84	-102.50	0.06	28.6	340	
25	21.77	11.27	7.37	37.28	-92.50	0.05	21.9	340	
30	21.98	11.03	7.27	35.38	-84.90	0.05	17.7	340	
35	22.20	11.02	7.19	33.34	-78.50	0.05	13.6	340	
40	22.30	10.68	7.15	32.26	-74.00	0.04	12.7	280	
45	21.90	10.87	7.08	31.25	-70.90	0.05	11.8	340	1.018
50	22.12	10.94	7.01	30.48	-68.80	0.04	9.76	340	
55	22.15	10.85	6.93	29.89	-67.50	0.04	9.87	340	
60	22.20	10.92	6.91	29.18	-66.30	0.03	8.95	340	
65	22.22	11.02	6.91	28.44	-65.20	0.03	7.14	340	
70	22.21	11.27	6.90	27.41	-63.70	0.02	7.00	340	
75	22.23	11.27	6.89	27.12	-63.60	0.03	6.52	340	1.016
80	22.25	11.29	6.89	26.71	-63.40	0.02	5.87	340	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:15
DO Titrataion = mg/L
Total volume of groundwater purged: 8 gal.
Final Observations: Color clear Odor little sulfur Sheen/Free Product ND
Specific Gravity 1.016

Sample ID: SB915-0232-03 **Sample Time:** 12:30

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA 01149
Field Personnel: AJF
Date: 2/17/15
Weather: Cold, Sunny, 0° F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.41 ft. bmp.
Depth to Water*: 3.49 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:56
Initial Observations: Color Light Brown Odor Slight Sulfur Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.59	8.66	12.19	44.10	-123.10	0.06	3.50	500	1.020
10	3.55	8.58	12.21	44.15	-128.40	0.05	1.90	500	—
15	3.57	8.74	12.20	43.94	-129.20	0.05	1.98	470	—
20	3.57	8.63	12.21	44.15	-129.10	0.00	1.71	460	—
25	3.55	8.77	12.21	44.07	-128.90	0.00	1.31	460	—
30	3.55	8.31	12.22	44.81	-128.10	0.00	1.17	460	—
35	3.55	8.27	12.21	44.94	-127.30	0.00	1.18	460	—
40	3.56	8.23	12.22	44.81	-126.10	0.00	1.08	450	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~10:56~~ AF 11:38
Total volume of groundwater purged: 6 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor Fishy (Slight) Sheen/Free Product No
Specific Gravity 1.020

Sample ID: SB915-0232-04 **Sample Time:** 11:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: —
Equipment Used: —
Pump/Controller ID#: —
Field Personnel: JWB
Date: 02/17/15
Weather: ~5°F Sun

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 26.94 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: ____

Initial Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry, not sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____

DO Titrataion = ____ mg/L

Total volume of groundwater purged: ____ gal.

Final Observations: *Color* ____ *Odor* ____ *Sheen/Free Product* ____

Specific Gravity ____

Sample ID: ____ **Sample Time:** ____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01149
Field Personnel: CAH
Date: 2-16-15
Weather: -3, Sun, Wind

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 26.70 ft. bmp.
Depth to Water*: 17.79 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1034
Initial Observations: *Color* light tan *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	17.70	8.55	6.63	21.20	-16.70	0.09	96	400	1.010
10	17.70	8.79	6.68	21.20	-7.80	0.05	54.7	400	
15	17.70	8.85	6.67	21.30	-7.70	0.04	19.3	400	
20	17.70	8.74	6.68	21.30	-5.30	0.03	14.5	400	
25	17.70	8.70	6.64	21.30	-4.00	0.03	10.24	400	
30	17.70	8.63	6.68	21.30	-4.10	0.03	7.58	400	
35	17.70	8.60	6.68	21.40	-3.70	0.03	7.29	400	
40	17.70	8.77	6.69	21.50	-3.00	0.02	5.99	400	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115
DO Titrataion = mg/L
Total volume of groundwater purged: 5 gal.
Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.005

Sample ID: SB915-0231-01 **Sample Time:** 1130

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Pen
Pump/Controller ID#:
Field Personnel: KSK
Date: 2/16/15
Weather: -2°F Sunny

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 62.22 ft. bmp.
Depth to Water*: 18.70 ft.
Length of Water Column (LWC): 43.52 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1030
Initial Observations: *Color* Tan *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	18.64	9.87	6.20	92.51	-0.30	0.31	684	540	1.048
10	18.64	9.92	6.30	96.10	-3.30	0.15	109.4	460	
15	18.64	10.01	6.35	89.90	-3.40	0.09	33.3	460	
20	18.64	9.96	6.38	89.40	-2.90	0.06	24.4	460	
25	18.64	10.01	6.40	90.24	-2.10	0.05	18.0	460	
~~30~~	~~18.64~~	~~(FD) 10.01~~	~~6.40~~	~~90.24~~	~~-2.10~~	~~0.05~~	15.4	460	
35	18.64	9.90	6.41	89.24	-1.40	0.04	12.8	460	
40	18.64	9.78	6.42	91.15	-1.30	0.04	11.5	460	
45	18.64	9.99	6.42	89.03	-1.70	0.04	7.00	460	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

DO Titrataion = _____ mg/L

End Purge Time: 1115
Total volume of groundwater purged: 7 gal.
Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.046

Sample ID: SB915-0231-02 **Sample Time:** 1125

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: ~~*~~ SmartROLL unused reading
Live Reading - pH 6.41 Cond 89.65 ORP -1.4 DO 0.05 Temp 9.87

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JL, JS
Date: 2/16/15
Weather: -5°F Sun

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 21.60 ft. bmp.
Depth to Water*: 16.66 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1125
Initial Observations: Color Clear Odor No Sheen/Free Product No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
5	16.63	7.92	6.16	133.70	21.70	0.10	13.2	320	1.074
10	16.63	7.87	6.17	135.40	25.90	0.06	11.8	320	
15	16.63	8.44	6.18	135.00	28.60	0.02	10.61	320	
20	16.63	8.76	6.19	134.20	29.70	0.01	9.87	320	
25	16.63	8.51	6.20	134.80	30.60	0.01	9.61	320	
30	16.63	8.55	6.20	134.70	31.90	0.00	7.99	320	
35	16.63	8.54	6.20	135.20	33.60	0.00	8.71	320	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.076

Sample ID: SB915-0231-02 Sample Time: 1210

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05M
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01147
Field Personnel: AJF
Date: 9/16/15
Weather: Sunny, ~50°F

Well Information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 64.57 ft. bmp.
Depth to Water*: 19.55 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:42
Initial Observations: Color Light Brown Odor Slight Iron Sheen/Free Product No

Indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	19.55	9.68	6.85	33.22	-48.60	0.06	14.5	440	1.015
10	19.60	8.79	6.88	33.45	-44.70	0.07	20.6	320	—
15	19.59	8.78	6.91	34.08	-31.30	0.00	17.9	300	—
20	—	9.07	6.65	36.59	-22.10	0.05	—	—	—
25	19.60	9.91	6.56	35.46	-18.70	0.02	17.7	500	—
30	19.61	9.66	6.53	35.39	-17.00	0.02	16.9	440	—
35	19.64	9.54	6.52	35.45	-15.60	0.02	13.3	430	—
40	19.64	9.50	6.52	35.73	-14.30	0.02	16.5	430	—
45									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* Switched to Cat pump.

End Purge Time: 12:26
Total volume of groundwater purged: 6.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor Slight Iron Sheen/Free Product None
Specific Gravity 1.016

Sample ID: SB915-0231-04 **Sample Time:** 1240

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: NA
Equipment Used: NA
Pump/Controller ID#: —
Field Personnel: JWB
Date: 2/16/15
Weather: -5°F Sun

Well information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 14.52 ft. bmp.
Depth to Water*: Dry ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: _____
Initial Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
X	Dry, not Sampled								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____
DO Titrataion = _____ mg/L
Total volume of groundwater purged: _____ gal.

Final Observations: *Color* _____ *Odor* _____ *Sheen/Free Product* _____
Specific Gravity _____

Sample ID: _____ **Sample Time:** _____

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1123
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA00724
Field Personnel: CA + H
Date: 2-13-15
Weather: 0°F, Sun, COLD

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 58.54 ft. bmp.
Depth to Water*: 16.92 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1019
Initial Observations: Color white Odor NO Sheen/Free Product NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	16.87	9.54	6.24	86.73	7.80	0.08	118	400	1.046
10	16.87	9.64	6.24	85.95	9.80	0.06	59.8	480	
15	16.87	9.91	6.25	85.95	11.30	0.06	45.2	480	
20	16.87	9.77	6.25	85.95	12.80	0.06	34.1	480	
25	16.87	9.74	6.25	85.95	14.20	0.06	22.3	480	
30	16.87	9.73	6.25	85.95	15.30	0.06	13.5	480	1.042
35	16.87	9.78	6.26	85.95	16.40	0.06	7.80	480	
40	16.87	9.63	6.25	83.52	17.70	0.06	5.35	480	
45	16.87	9.77	6.25	83.18	18.50	0.06	3.94	480	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:05
Total volume of groundwater purged: 6 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.042

Sample ID: SB915-0230-01,02 (FD) Sample Time: 1120

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#:
Field Personnel: KJC
Date: 2/13/15
Weather: -2°F Cold

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.25 ft. bmp.
Depth to Water*: 15.06 ft.
Length of Water Column (LWC): 5.19 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1012

Initial Observations: Color Clear w/ large particles Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	15.32	7.31	6.98	14.90	94.60	0.24	37.3	150	1.008
10	15.51	7.80	7.03	14.40	80.30	0.22	27.0	130	
15	15.60	7.75	7.01	14.00	78.40	0.81	17.6	130	
20	15.74	7.84	6.99	14.10	78.40	1.12	8.42	130	
25	15.88	7.41	7.00	14.60	76.50	1.00	6.12	130	
30	15.97	7.12	7.03	14.80	74.60	0.83	6.51	130	
35	16.10	7.02	7.05	15.10	73.10	0.69	12.8	130	
40	16.21	6.93	7.07	15.50	71.50	0.59	8.54	130	
45	16.28	6.83	7.08	15.70	69.40	0.51	5.23	130	
50	16.33	7.08	7.10	15.90	68.30	0.45	3.75	130	
55	16.38	7.46	7.11	16.00	67.50	0.40	3.67	130	
60	16.43	7.72	7.12	16.20	67.00	0.35	9.83	130	
65	16.43	7.56	7.13	16.40	65.60	0.32	10.32	130	
70	16.46	7.24	7.14	16.70	64.90	0.30	8.68	130	
75	16.50	7.41	7.15	16.80	64.60	0.28	6.10	130	
80	16.52	7.19	7.16	17.00	64.00	0.26	5.10	130	
85	16.54	7.02	7.16	17.10	63.50	0.24	3.74	130	
90	16.54	7.12	7.17	17.20	63.40	0.22	2.85	130	
95	16.57	6.99	7.19	17.20	63.20	0.20	2.49	130	
100	16.60	7.03	7.19	17.50	63.20	0.19	1.96	130	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1204
Total volume of groundwater purged: 3 gal.

DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.008

Sample ID: SB915-0230-03 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	16.61	7.36	7.19	17.50	63.40	0.18	1.59	130	
110	16.61	7.02	7.19	17.66	62.90	0.18	1.30	130	1.008

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB
Date: 2-13-15
Weather: -2°F Snow

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 24.40 ft. bmp.
Depth to Water*: 8.68 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1038
Initial Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.40	8.07	6.18	68.65	-22.30	0.14	5.60	340	1.032
10	9.40	8.11	6.08	66.78	-26.80	0.08	73.1	340	
15	9.41	8.69	6.13	56.84	-37.50	0.06	120	420	
20	9.45	9.06	6.21	47.51	-44.80	0.05	106.0	420	
25	9.45	9.07	6.28	40.62	-49.30	0.04	76.3	420	
30	9.40	9.12	6.35	35.44	-52.50	0.04	46.1	420	
35	9.38	9.29	6.38	32.92	-54.30	0.03	37.0	420	
40	9.35	9.07	6.39	31.79	-54.40	0.04	28.2	420	
45	9.35	9.15	6.42	29.97	-55.80	0.03	26.2	420	
50	9.28	9.01	6.43	29.57	-55.80	0.03	17.9	420	
55	9.30	9.21	6.43	28.79	-56.30	0.03	15.8	420	
60	9.28	9.10	6.48	26.13	-57.20	0.02	16.8	420	
65	9.25	9.02	6.45	27.50	-56.00	0.03	12.78	420	
70	9.25	8.92	6.48	26.15	-57.10	0.03	12.7	420	
75	9.25	9.07	6.47	26.90	-57.10	0.03	9.76	420	
80	9.25	9.30	6.49	25.12	-57.70	0.03	9.50	420	
85	9.25	8.92	6.49	25.28	-57.40	0.03	10.27	420	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205
Total volume of groundwater purged: 10 gal.
DO Titrataion = ____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.010

Sample ID: SB915-0230-04 **Sample Time:** 1215

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA0324
Field Personnel: AJF
Date: 2/13/15
Weather: Cold, -10°F

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 16.13 ft. bmp.
Depth to Water*: 8.86 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 10:41
Initial Observations: *Color* Light Grey *Odor* Slight Iron *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.85	9.27	6.23	88.90	9.70	0.11	16.4	420	1.046
10	8.86	9.30	6.27	88.50	16.80	0.07	11.7	430	—
15	8.86	9.40	6.27	88.00	17.90	0.06	3.84	430	—
20	8.86	9.42	6.28	87.40	18.70	0.05	2.77	440	—
25	8.86	8.78	6.28	88.70	20.20	0.06	2.39	270	—
30	8.84	9.76	6.26	87.60	18.30	0.04	2.68	340	—
35	8.84	9.57	6.28	87.60	19.10	0.04	2.09	450	—
40	8.84	9.49	6.28	87.70	19.60	0.04	2.04	440	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

SP. N.

End Purge Time: 11:24
Total volume of groundwater purged: 5 gal.
DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.045

Sample ID: SB915-0230-05,06,07 (MS/MSD) **Sample Time:** 11:40

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWR
Date: 2-12-15
Weather: ~25°F Snow

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.57 ft. bmp.
Depth to Water*: 6.31 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1055
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.78	9.28	5.92	39.30	65.80	0.16	65.8	460	1.020
10	10.72	No readings	—	—	—	—	—	—	—
15	11.45	8.52	5.93	39.10	63.90	0.17	65.2	180	
20	11.60	8.17	5.93	39.49	64.30	0.16	59.0	180	
25	11.70	7.84	5.93	39.19	52.20	0.39	44.4	180	
30	11.82	7.83	5.95	38.86	50.40	0.36	29.1	180	
35	11.83	7.12	5.96	38.92	48.40	0.38	18.7	180	
40	12.08	No Readings	—	—	—	—	13.8	180	
45	12.18	7.61	6.00	38.99	41.40	0.06	7.72	180	
50	12.35	7.41	6.02	38.17	33.00	0.06	3.66	180	
55	12.35	7.46	6.03	38.01	22.1	0.07	2.19	180	
60	12.35	7.58	6.02	38.56	38.40	0.07	2.88	180	
65	12.40	7.94	6.02	37.77	8.2	0.05	2.02	180	
70	12.40	7.95	6.04	37.38	4.0	0.06	2.30	180	
75	12.35	7.89	6.04	37.11	-0.30	0.06	1.78	180	
80	12.40	8.21	6.05	36.19	-4.90	0.08	1.80	250	
85	12.40	7.92	6.07	35.33	-7.80	0.07	1.73	250	
90	12.40	8.08	6.08	35.07	-10.80	0.07	1.65	250	
95	12.40	8.18	6.11	34.85	-12.20	0.09	2.00	250	
100	12.40	8.03	6.12	35.09	-11.30	0.11	1.95	250	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1255
DO Titrataion = ____ mg/L
Total volume of groundwater purged: 8 gal.

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.016

Sample ID: SB915-0229-01 **Sample Time:** 1310

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB115-MW-04
Northing: —
Easting: —

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
indicate units									
Continued from previous page.									
105	12.40	8.20	6.15	35.83	-7.60	0.15	1.71	250	
110	12.40	8.28	6.14	36.01	-2.50	0.17	1.93	250	
115	12.90	8.23	6.15	36.06	3.40	0.20	11.58	250	
120	13.00	8.13	6.13	36.43	6.5	0.20	1.76	250	
125	13.00	8.20	6.11	36.56	12.4	0.18	1.62	250	1.016

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: AJF
Date: 2/12/15
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 90.92 ft. bmp.
Depth to Water*: 8.94 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

*Measurement Point:

- ☑ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 11:16
Initial Observations: *Color* None at first / Light brown *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )	
5	9.18	10.34	6.41	28.40	-3.40	3.47	990 AV	370	1.014	
10	9.18	10.23	6.41	28.40	-5.40	3.47	839 AV	370	—	
15	9.20	10.25	6.63	28.40	-2.00	3.47	667 AV	350	—	Speed Adj. *
20	9.20	10.34	6.64	47.80	+0.00	0.10	130	330	—	
25	9.20	10.06	6.66	54.90	-0.30	0.07	69.2	330	—	
30	9.20	10.20	6.66	58.40	-0.10	0.05	33.4	320	—	
35	9.20	10.24	6.67	59.90	0.30	0.04	17.9	320	—	
40	9.22	10.25	6.68	61.30	0.50	0.04	15.3	330	—	
45	9.19	10.36	6.68	63.10	0.80	0.03	13.0	330	—	
50	9.22	10.16	6.69	62.00	1.80	0.02	9.96	326	—	
55	9.22	10.20	6.69	63.40	2.20	0.02	7.73	330	—	
60	9.22	9.98	6.69	62.10	3.40	0.02	6.63	320	—	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500		

End Purge Time: 12:20
Total volume of groundwater purged: 60 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.030

Sample ID: SB915-0229-02 **Sample Time:** 12:35

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes: * At this time, tubing had to be re-attached to In-Situ.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: peri pump
Pump/Controller ID#: FA08 1324
Field Personnel: CAH
Date: 2-12-15
Weather: wind, cloudy, 20

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 24.70 ft. bmp.
Depth to Water*: 8.70 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1047
Initial Observations: *Color* cloudy *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.41	9.30	6.53	18.90	13.40	0.15	101.5	280	1.008
10	11.09	9.11	6.57	19.10	10.30	0.11	210	280	
15	11.53	9.35	6.59	18.50	18.60	0.82	776 AV	280	
20	11.96	9.80	6.63	17.50	23.50	1.17	667 AV	280	
25	12.34	10.22	6.66	16.70	23.30	1.09	159 NTU	280	
30	12.61	10.38	6.69	15.90	23.10	0.99	134	280	
35	12.88	10.19	6.72	15.30	23.10	1.10	82	280	1.006
40	13.24	10.04	6.74	15.00	24.10	1.40	76.5	280	
45	13.32	10.24	6.76	14.40	21.40	1.33	61.1	280	
50	13.38	10.21	6.78	14.00	18.40	0.96	57.4	280	
55	13.46	9.83	6.79	13.70	17.30	0.81	44.4	280	
60	13.53	9.91	6.79	13.50	15.90	0.74	44.8	280	1.006
65	13.62	10.24	6.80	13.00	13.60	0.62	31.8	280	
70	13.66	10.10	6.82	12.70	12.20	0.41	27.5	290	
75	13.72	9.87	6.83	12.60	10.60	0.67	24.4	290	
80	13.75	9.82	6.84	12.50	11.40	0.70	26.8	290	
85	13.80	9.73	6.85	12.20	12.10	0.88	23.4	290	
90	13.80	9.77	6.86	12.10	9.80	0.67	19.9	280	
95	13.82	9.82	6.87	12.00	10.50	0.74	17.3	280	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:22
Total volume of groundwater purged: 8 gal.
DO Titrataion = mg/L

Final Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.006

Sample ID: SB915-0229-03 **Sample Time:** 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 2/12/15
Weather: 20 Snow

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 20.06 ft. bmp.
Depth to Water*: 5.51 ft.
Length of Water Column (LWC): 14.55 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: 2.37 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:27
Initial Observations: Color Clear Odor Sulfur Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.03	8.07	6.87	3.33	49.0	2.14	12.3	370	1.002
10	7.41	6.81	6.99	2.84	49.0	3.39	18.1	370	
15	7.67	6.98	6.99	2.68	52.5	1.96	11.4	370	
20	7.75	6.52	6.97	2.65	51.3	1.42	7.11	320	
25	8	6.61	6.97	2.59	51.0	1.13	4.62	320	
30	8.05	6.22	6.97	2.56	49.7	.93	3.73	210	
35	8.15	6.32	6.97	2.49	49.0	.77	3.20	210	
40	8.26	6.91	6.97	2.41	48.7	.66	2.2	210	
45	8.37	7.54	6.96	2.33	48.8	.59	2.19	210	
50	8.45	7.67	6.96	2.29	48.6	.58	1.55	210	
55	8.5	7.20	6.96	2.27	48.8	.60	1.10	210	
60	8.6	6.91	6.97	2.23	49.1	.62	1.20	210	
65	8.66	6.81	6.97	2.19	49.0	.73	1.56	210	
70	8.74	7.05	6.97	2.15	49.1	.84	.77	210	
~~75~~	8.82	6.52	6.98	2.14	48.9	.99	.77	210	
80	8.85	6.62	6.99	2.09	49.2	1.16	.65	210	
85	8.96	6.81	6.99	2.04	49.1	1.41	.66	210	
90	9.0	6.81	6.99	2.04	49.4	1.61	.81	210	
95	9.13	7.10	7.01	1.96	49.4	2.04	.58	210	
100	9.2	6.62	7.02	1.92	49.5	2.4	.55	210	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Live Reading Did not Record

End Purge Time: 12:59
Total volume of groundwater purged: 11 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor NONE Sheen/Free Product None
Specific Gravity 1.000

Sample ID: SB915-0029-04 Sample Time: 1:17

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log**

Well ID: SB915-mw-1165
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
105	9.25	6.52	7.03	1.91	49.7	2.84	0.62	210	
110	9.31	6.22	7.04	1.85	50.6	3.26	0.60	210	
115	9.38	6.86	7.04	1.82	51.0	3.88	0.70	210	
120	9.48	6.74	7.04	1.79	51.2	4.16	0.66	210	
125	9.54	6.24	7.05	1.81	51.0	4.62	0.69	210	
130	9.57	7.0	7.05	1.76	51.3	4.87	0.98	210	
135	9.65	7.26	7.05	1.72	51.6	5.06	~~1.22~~ 1.93	210	
140	9.72	7.1	7.05	1.75	52.1	5.53	1.22	210	
~~145~~	9.90	7.09	7.05	1.74	51.8	5.76	1.2	210	
150	10.02	7.30	7.6	1.7	52.1	5.96	1.43	210	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-2MW-04S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01324
Field Personnel: AJF
Date: 2/11/15
Weather: Cold (10°), Clear Skies

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 17.80 ft. bmp.
Depth to Water*: 10.10 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☑ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:48
Initial Observations: *Color* Clear *Odor* Slight Sulfur *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	11.08	7.87	6.85	7.50	-66.90	1.45	6.31	370	1.004
10	11.18	7.24	6.93	7.50	-69.60	0.84	4.97	300	—
15	11.20	7.49	6.96	7.60	-72.10	0.57	3.52	~300	—
20	11.24	7.58	7.00	7.60	-74.00	0.40	3.97	306	—
25	11.26	7.58	7.02	7.60	-76.20	0.31	2.19	308	—
30	11.25	7.49	7.05	7.60	-76.10	0.28	2.37	290	—
35	11.30	7.91	7.07	7.60	-77.90	0.25	2.09	290	—
40	11.28	8.07	7.07	7.60	-77.00	0.22	1.64	290	—
45	11.29	8.31	7.09	7.50	-77.90	0.18	1.62	295	—
50	11.29	8.38	7.09	7.50	-79.40	0.20	1.35	290	—
55	11.30	8.26	7.11	7.50	-77.50	0.18	1.10	290	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:46
Total volume of groundwater purged: 5 gal.
DO Titrataion = mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.004

Sample ID: SB915-0228-02 **Sample Time:** 12:00

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB115-IMW-[illegible] 05S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri
Pump/Controller ID#: TA 01149
Field Personnel: IC JK
Date: 2/11/15
Weather: Sunny ~15°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 18.11 ft. bmp.
Depth to Water*: 6.53 ft.
Length of Water Column (LWC): 11.58 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1004
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.70	8.28	11.05	22.30	-216.00	0.14	14.7	190	1.010
10	6.82	8.39	11.05	22.30	-208.10	0.02	13.6	310	
15	6.92	8.22	11.06	22.30	-207.40	0.02	11.77	310	
20	7.00	8.20	11.06	22.30	-207.10	0.01	11.6	390	
25	7.13	8.13	11.08	22.30	-209.10	0.01	7.68	390	
30	7.15	7.99	11.25	21.90	-210.70	0.01	6.14	390	
35	7.20	7.80	11.39	21.60	-211.80	0.00	4.22	390	
40	7.21	7.72	11.48	21.30	-211.80	0.00	1.87	390	
45	7.22	7.75	11.55	21.10	-212.60	0.00	2.06	390	
50	7.25	7.61	11.59	21.00	-210.20	0.00	1.63	390	
55	7.27	7.46	11.63	21.00	-209.10	0.01	1.39	390	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1100
DO Titrataion = mg/L
Total volume of groundwater purged: 6 gal.

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.008

Sample ID: SB915-0228-03 Sample Time: 1115

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA00729
Field Personnel: CAH
Date: 2-11-15
Weather: Sun, 10°F

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.32 ft. bmp.
Depth to Water*: 5.91 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 9:57
Initial Observations: Color clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.07	7.61	11.88	24.11	-127.50	0.10	11.2	300	1.010
10	6.15	7.34	11.95	23.44	-128.00	0.06	6.25	300	
15	6.17	7.06	11.95	23.22	-121.20	0.11	3.70	300	
20	6.19	7.05	11.95	23.12	-119.20	0.13	2.64	300	
25	6.20	7.01	11.95	23.11	-115.70	0.09	2.54	300	
30	6.20	7.10	11.95	23.30	-114.90	0.08	1.86	300	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:27
Total volume of groundwater purged: 2.5 gal.
DO Titrataion = _____ mg/L

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.010

Sample ID: SB915-0228-04 Sample Time: 10:45

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA0729
Field Personnel: CAH
Date: 2-11-15
Weather: Sun/clouds, 20°F

Well information:

Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 8.74 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1204
Initial Observations: Color clear Odor NO Sheen/Free Product NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.24	8.78	7.65	30.79	-7.00	0.17	12.3	240	1.014
10	9.43	9.02	7.30	30.42	13.50	0.20	14.6	240	
15	9.70	9.06	7.13	29.51	31.90	0.78	13.5	230	
20	9.91	8.76	7.04	28.64	37.70	1.10	6.78	230	
25	10.13	8.71	6.97	28.36	38.90	1.74	5.55	230	
30	10.30	8.64	6.92	28.09	38.80	1.85	4.48	230	
35	10.55	8.79	6.87	27.63	38.00	1.21	3.14	230	
40	10.75	8.78	6.83	27.34	36.50	0.53	1.86	230	1.012
45	10.97	8.83	6.80	26.86	34.70	0.24	1.55	230	
50	11.10	8.65	6.77	26.80	27.90	0.12	1.40	230	
55	11.26	8.72	6.75	27.16	23.30	0.11	1.54	230	
60	11.40	8.88	6.72	27.75	20.20	0.10	1.70	230	
65	11.60	9.08	6.70	28.00	16.70	0.08	1.63	230	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1312
Total volume of groundwater purged: 4 gal.
DO Titrataion = ____ mg/L

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.012

Sample ID: SB915-0228-05 Sample Time: 1330

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WS-07L
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Pump
Pump/Controller ID#: 01149
Field Personnel: JC SK
Date: 2/11/15
Weather: Sunny ~16°F

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 10.51 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1213
Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.60	10.85	6.13	87.60	-4.90	0.10	3.14	500	1.044
10	10.62	11.09	6.04	86.93	3.50	0.06	2.83	500	
15	10.62	11.27	6.04	86.44	7.80	0.04	1.52	500	
20	10.62	11.59	6.04	85.12	11.60	0.03	1.41	500	
25	10.62	11.61	6.03	85.16	14.40	0.02	1.06	500	
30	10.62	11.44	6.02	85.22	15.90	0.02	1.00	500	
35	10.62	11.52	6.04	84.46	17.50	0.02	1.04	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1249
Total volume of groundwater purged: 6 gal.

DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* None *Sheen/Free Product* None
Specific Gravity 1.046

Sample ID: SB915-0228-06 **Sample Time:** 1305

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S
Northing: —
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JW/B
Date: 2/11/15
Weather: ~18°F Sun

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 20.20 ft. bmp.
Depth to Water*: 5.78 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:

☐ Well Casing
☒ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1237
Initial Observations: *Color* Clear *Odor* No *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	6.35	7.02	6.88	5.60	-33.30	0.08	22.4	320	1.004
10	6.44	6.66	6.81	5.60	-31.20	0.05	13.7	320	
15	6.45	6.42	6.79	5.60	-30.50	0.03	8.21	320	
20	6.46	6.52	6.76	5.70	-31.30	0.02	4.15	320	
25	6.47	6.52	6.75	5.70	-32.00	0.02	3.72	320	
30	6.48	6.52	6.75	5.70	-30.70	0.01	4.36	320	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1308
Total volume of groundwater purged: 3.5 gal.

DO Titrataion = _____ mg/L

Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.002

Sample ID: SB915-MW0228-07 **Sample Time:** 1315

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07U
Northing: —
Easting: —

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: JWB / ASS
Date: 2-11-15
Weather: ~18°F Sun

Well information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 55.88 ft. bmp.
Depth to Water*: 9.53 ft.
Length of Water Column (LWC): ____ in.
Well Diameter: ____ ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

Start Purge Time: 1206
Initial Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	9.56	10.53	6.55	24.10	1.60	0.11	43.1	320	1.012
10	9.56	11.13	6.48	23.90	13.70	0.07	—	320	—
15	9.56	11.07	6.45	24.10	18.10	0.06	6.94	340	—
20	9.56	11.01	6.44	24.10	20.70	0.05	7.81	340	—
25	9.58	11.18	6.44	24.00	22.00	0.04	6.67	340	—
30	9.56	11.36	6.43	23.90	22.50	0.04	7.26	320	—
35	9.56	11.48	6.43	23.90	23.10	0.04	4.16	340	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45
Total volume of groundwater purged: 4 gal.
DO Titrataion = ____ mg/L
Final Observations: *Color* Clear *Odor* Sulfur *Sheen/Free Product* No
Specific Gravity 1.012

Sample ID: SB915-0228-08 **Sample Time:** 13C

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: JWB
Date: 2-10-15
Weather: ~17°F Cloudy

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 22.47 ft. bmp.
Depth to Water*: 3.87 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1045
Initial Observations: Color V. light Orange Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	5.47	7.70	6.19	62.90	77.70	0.21	55.8	220	1.030
10	6.35	7.41	6.18	63.30	65.30	0.16	43.2	220	
15	6.90	7.17	6.18	63.70	61.40	0.16	35.8	220	
20	7.04	7.12	6.19	63.80	59.60	0.14	29.7	220	
25	7.36	7.15	6.19	64.00	58.30	0.14	26.8	220	
30	7.54	7.12	6.19	64.50	57.60	0.12	25.8	220	1.028
35	7.63	7.27	6.20	64.80	56.40	0.11	16.5	220	
40	7.70	7.27	6.20	65.00	55.50	0.09	13.1	220	
45	7.80	7.22	6.20	65.30	54.80	0.09	10.56	220	
50	7.82	7.22	6.20	65.30	54.60	0.08	10.62	220	
55	7.83	7.31	6.20	65.30	54.20	0.07	7.86	220	
60	7.84	7.27	6.21	65.30	53.30	0.07	7.84	220	1.030
65	7.84	7.33	6.21	65.40	52.60	0.07	6.80	220	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50
Total volume of groundwater purged: 4 gal.
DO Titrataion = mg/L

Final Observations: Color clear Odor NO Sheen/Free Product NO
Specific Gravity 1.030

Sample ID: SB915-0227-01 Sample Time: 12:15

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: TBP
Date: 2/10/15
Weather: 20's

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: _____ ft. bmp.
Depth to Water*: 8.00 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☐ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 1049
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE
Redish

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	8.1	9.68	6.43	12045.5	23.4	.14	152	320	1.010
10	8.05	9.59	6.43	12090.3	21.4	.11	102.5	320	
15	8.08	9.54	6.45	12039.2	21.1	.09	59.5	320	
20	8.08	9.54	6.46	11954.5	21.7	.09	38.0	320	
25	8.01	9.59	6.45	12039.2	21.1	.09	23.2	320	
30	8.08	9.34	6.47	11907.9	22.8	.08	20.1	320	
35	8.08	9.48	6.48	11804.0	23.0	.07	15.9		
40	8.08	9.53	6.48	11830.3	23.7	.08	16.5		
45	8.08	9.44	6.48	11789.0	23.9	.07	11.4	320	
50	8.08	9.30	6.49	11788.3	23.6	.06	10.97	300	
55	8.08	9.49	6.49	11717.4	24.1	.06	6.26		
60	8.08	9.4	6.49	11691.7	24.7	.06	5.63		
65	8.08	9.4	6.49	11714	24.3	.05	9.51		
70	8.08	9.77	6.5	11718	24.5	.05	7.30	330	
75	8.08	9.59	6.5	11.64/0	24.9	.05	4.45		
80									
85									
90									
95									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:04
Total volume of groundwater purged: 8 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.004 1.004

Sample ID: SB915-0227-02 **Sample Time:** 12:10

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: —
Field Personnel: WJR
Date: 02/10/15
Weather:

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 109.45 ft. bmp.
Depth to Water*: 10.40 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1122
Initial Observations: Color Med. Brown Odor No Sheen/Free Product No

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	10.40	9.24	7.69	140.56	-29.60	0.28	60.9	340	1.074
10	10.42	9.78	7.16	142.17	-12.10	0.24	35.3	440	
15	10.42	9.58	6.93	144.25	-6.70	0.32	28.8	440	
20	10.42	9.91	6.76	143.30	3.70	0.04	6.00	440	
25	10.42	9.87	6.65	143.34	7.60	0.03	3.92	440	
30	10.42	9.81	6.58	142.68	9.30	0.02	3.00	440	
35	10.42	9.92	6.53	142.07	10.70	0.02	2.22	440	
40	10.42	9.75	6.47	142.42	12.20	0.01	~~2.35~~ 2.09	440	
45	10.42	9.79	6.46	142.08	12.60	0.02	2.63	440	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1214
Total volume of groundwater purged: 6 gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.078

Sample ID: SB915-0227-02 **Sample Time:** 1230

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-16S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low-Flow
Equipment Used: Peristaltic
Pump/Controller ID#: FA01147
Field Personnel: AJF
Date: 2/9/15
Weather: snowy, 10F

Well information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 19.98 ft. bmp.
Depth to Water*: 6.56 ft.
Length of Water Column (LWC): _____ in.
Well Diameter: _____ ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☑ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

Start Purge Time: 10:55
Initial Observations: Color Clear Odor None Sheen/Free Product None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	7.40	7.87	7.06	2672.50	84.20	0.83	3.33	210	1.002
10	7.61	7.22	7.36	1410.00	82.00	4.87	2.25	220	—
15	7.89	6.15	7.45	1276.90	82.70	5.44	1.38	220	—
20	8.19	6.00	7.44	1259.90	81.50	4.97	1.01	230	—
25	8.36	6.00	7.42	1183.0	90.4	4.27	0.73	220	—
11:29 Restart 5	8.77	5.86	7.40	1111.00	77.40	3.65	0.14	230	—
10	9.03	5.90	7.40	1076.30	76.40	3.40	0.12	230	—
15	9.33	5.99	7.40	1045.80	75.60	3.26	0.12	220	—
20	9.64	6.03	7.39	1025.00	75.60	3.14	0.00	230	—
25	10.00	6.00	7.40	993.80	76.50	3.09	0.10	230	—
30	10.20	5.97	7.41	964.10	84.40	2.97	0.50	230	—
35	10.49	6.00	7.41	973.60	77.10	2.90	0.05	220	—
40	10.82	5.92	7.41	975.90	78.80	2.82	0.67	225	—
45	11.10	6.01	7.38	1071.60	75.90	2.72	0.81	220	—
50	11.43	6.05	7.36	1164.90	76.50	2.87	1.73	230	—
53	11.76	6.15	7.35	1185.00	77.30	3.02	1.74	225	—
60	12.03	6.24	7.34	1295.10	78.30	3.23	2.75	225	—
65	12.35	6.34	7.35	1309.40	79.00	3.34	2.52	210	—
65	12.60	6.39	7.34	1367.90	79.80	3.39	2.44	220	—
70	12.85	6.53	7.31	1458.70	80.10	3.25	3.34	210	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:40
Total volume of groundwater purged: 70 gal.
DO Titrataion = _____ mg/L

Final Observations: Color Clear Odor No Sheen/Free Product No
Specific Gravity 1.002

Sample ID: SB915-0226-01 **Sample Time:** 13:50

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1069
Northing:
Easting:

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (uS/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
Continued from previous page.									
75	13.23	6.53	7.31	1458.7	80.10	3.25	1.48	~140	—
80	13.41	6.75	7.27	1727.90	74.10	2.84	1.44	190	—
85	13.61	6.90	7.23	1901.30	78.70	2.54	1.35	215	—
90	13.85	7.02	7.20	2063.10	77.90	2.33	1.76	210	—
95	14.00	7.12	7.17	2231.80	76.90	2.08	1.45	210	—
100	14.43	7.24	7.14	2410.80	75.40	1.81	1.95	210	—
105	14.68	7.34	7.13	2541.20	73.70	1.55	2.57	220	—
110	14.92	7.40	7.11	2663.50	73.00	1.33	1.76	220	—
115	15.23	7.36	7.09	2805.10	70.60	1.05	1.52	210	—
120	15.39	7.45	7.08	2877.20	69.00	0.84	1.08	210	—
125	15.63	7.55	7.07	2946.80	65.50	0.60	0.58	210	—
130	16.03	7.70	7.05	3071.50	57.90	0.47	—	220	—

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1061
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic pump
Pump/Controller ID#:
Field Personnel: TJB
Date: 2/9/15
Weather: 20's Snow

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.82 ft. bmp.
Depth to Water*: 9.32 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☐ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: ~11:55
Initial Observations: Color Cloudy Odor None Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
	indicate units								
5	10.26	10.05	6.94	13.6	-63.4	.16	87	360	1.066
10	10.34	9.99	7.06	25.03	-89.9	.08	73.1	300	
15	10.52	9.92	7.08	32.6	-54	.09	31.0		
20	10.53	9.92	7.08	38.1	-82.5	.05	19.3	280	
25	10.55	9.92	7.09	46.0	-74.8	.03	9.27	280	
30	10.57	9.94	7.09	45.56	-75.5	.03	7.81	280	
35	10.52	9.96	7.08	46.2	-69.9	.03	4.64	280	
40	10.5	9.9	7.09	48.58	-74.8	.03	4.16	260	
45	10.5	9.92	7.09	48.52	-69.9	.03	3.35	260	
50	10.45	9.92	7.09	49.1	-65.5	.03	2.74	260	
55	10.5	9.92	7.09	49.33	-64.6	.03	2.58	260	
60									
65									
70									
75									
80									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

FPOD Reset →

End Purge Time: 12:02
Total volume of groundwater purged: gal.
DO Titrataion = mg/L

Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.022

Sample ID: SB915-0276-02,03(FD) Sample Time: 12:35

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peristaltic
Pump/Controller ID#:
Field Personnel: JK
Date: 1/9/15
Weather: Snow ~15°F

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 15.43 ft. bmp.
Depth to Water*: 4.72 ft.
Length of Water Column (LWC): 10.71 in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1050
Initial Observations: Color Clear Odor None Sheen/Free Product None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
				indicate units					
5	5.42	6.86	6.64	15.97	-6.10	0.10	3.1	280	1.008
10	5.83	6.37	6.76	10.37	1.40	0.07	11.48	270	
15	6.02	6.03	6.78	9.57	1.50	0.10	9.70	260	
20	6.22	5.53	6.80	9.42	-2.80	0.23	8.00	260	
25	6.40	5.63	6.80	9.57	-12.00	0.32	4.90	210	
30	6.54	5.68	6.80	9.90	-21.10	0.31	3.92	210	
35	6.72	5.77	6.71	10.64	-26.90	0.28	5.72	210	
40	6.83	5.85	6.80	11.40	-32.20	0.24	6.09	200	
45	7.02	6.03	6.78	11.69	-34.60	0.21	5.16	200	
50	7.13	6.04	6.77	12.02	-36.40	0.18	5.65	200	
55	7.29	6.03	6.77	12.29	-36.60	0.17	5.70	200	
60	7.40	6.13	6.77	12.45	-35.10	0.15	6.08	200	
65	7.49	6.05	6.77	12.72	-33.70	0.14	4.05	200	
70	7.60	6.20	6.76	12.94	-31.20	0.13	4.05	200	
75	7.65	6.27	6.74	15.14	-32.80	0.11	3.99	200	
80	7.73	6.39	6.78	13.12	-24.40	0.12	5.37	200	
85	7.85	6.36	6.77	12.95	-22.80	0.12	4.18	200	
90	7.89	6.36	6.77	12.96	-19.90	0.12	4.22	200	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1221
Total volume of groundwater purged: 6 gal.
DO Titrataion = _____ mg/L
Final Observations: Color Clear Odor None Sheen/Free Product None
Specific Gravity 1.004

Sample ID: SB915-MW-0226-014 Sample Time: 1245

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-18BR
Northing:
Easting:

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.51008
Sampling Method: Low Flow
Equipment Used: Peri pump
Pump/Controller ID#: FA01147
Field Personnel: CAH
Date: 2-9-15
Weather: Snow, 20°

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.88 ft. bmp.
Depth to Water*: 3.59 ft.
Length of Water Column (LWC): in.
Well Diameter: ft. bmp.

Well Volume Multipliers:

- ☐ 1 in. = 0.041 gal/ft
- ☒ 2 in. = 0.163 gal/ft
- ☐ 4 in. = 0.653 gal/ft
- ☐ 6 in. = 1.469 gal/ft
- ☐ 8 in. = 2.611 gal/ft

* Measurement Point:

- ☒ Well Casing
- ☐ Protective Casing
- ☐ Other:

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 10:47
Initial Observations: Color Clear Odor NONE Sheen/Free Product NONE

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Specific Gravity ( )
5	3.62	8.83	6.63	9.90	-18.90	0.46	19.8	400	1.006
10	3.62	9.68	6.75	10.10	2.10	0.21	17.4	400	
15	3.62	9.84	6.81	10.10	2.70	0.13	28.8	380	
20	3.62	9.90	6.83	10.10	3.10	0.10	11.4	400	1.006
25	3.62	9.92	6.85	10.10	3.00	0.08	8.64	400	
30	3.62	9.97	6.86	10.10	2.90	0.05	5.98	400	
35	3.62	9.99	6.87	10.10	2.90	0.05	5.20	430	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122
Total volume of groundwater purged: gal.
DO Titrataion = mg/L
Final Observations: Color Odor Sheen/Free Product
Specific Gravity

Sample ID: SB915-0226-05, 06, 07 (MS, MSD) **Sample Time:** 1200

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

APPENDIX B

2nd Quarter 2015 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name:	SB915 Closure / SCA	Sampling Method:	NA	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	NA	Date:	~~6-10-15~~ 6-9-15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 46.95 ft. bmp
Depth to Water*: 39.05 ft.
Length of Water Column: 7.90 ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: 1.28 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
6.9.15 1512	39.05	14.73	12.29	6.80	-54.0	5.51	2.39	NA	1.002
	45.55	~1.2 gallons removed - well is almost dry							
		- Recovery @ ~0.5 ft/min (~300 ml/min) for first 1.0 ft (45-44' btoc)							
		- Recovery @ ~0.1 ft/min (~60 ml/min) from (43.8-43.7' btoc)							
		43.4-43.3' btoc @ 0.1 ft/min (60 mL/min)							
	*	No Sample collected *							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: [redacted]

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-LWB-15S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JLW, JB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 6-10-15
Project #: 1163.61104 | Pump/Controller ID#: FA01169 / FA00796 | Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.85 ft. bmp
Depth to Water*: 22.70 ft. 22.52 on 6/10/15
Length of Water Column: 4.15 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: 26.00 ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1057
Initial Observations: Color: V. light Brown Odor: Leachate / Sewage Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.94	13.46	10.74	11.47	-52.10	3.40	11.5	470	1.004
10	22.99	13.55	11.16	11.13	-43.90	2.50	1.81	470	
15	22.96	13.71	11.44	9.97	-38.00	1.42	1.90	470	
20	22.95	13.83	11.61	8.88	-35.00	0.74	1.23	470	
25	22.95	13.93	11.72	8.21	-34.30	0.43	0.95	470	
30	22.94	13.97	11.80	7.85	-35.80	0.29	4.64	470	
35	22.90	13.98	11.86	7.67	-37.40	0.22	3.03	470	
40	22.85	14.11	11.89	7.60	-36.00	0.19	6.74	400	
45	22.75	14.59	11.91	7.48	-34.50	0.16	7.80	300	
50	22.68	15.18	11.92	7.46	-32.40	0.14	9.10	280	
55	23.00	14.75	11.99	7.24	-52.60	0.11	8.75	500	
60	23.09	13.55	12.00	7.77	-55.00	0.30	6.90	500	
65	22.87	14.16	12.00	7.42	-57.70	0.10	7.93	450	
70	22.83	14.64	11.99	7.32	-55.20	0.07	8.53	380	
75	22.65	16.03	11.95	7.30	-52.80	0.06	9.09	350	
80	22.72	16.51	11.97	7.15	-58.10	0.05	8.75	350	
85	22.72	16.94	11.97	7.03	-55.20	0.06	11.37	350	1.002
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1224 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* Leachate *Sheen/Free Product:* No

Sample ID: SB915-0264-01 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-094

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 6.11.15
Project #: 1163.61104 | Pump/Controller ID#: NA | Weather: ~70°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.35 ft. bmp
Depth to Water*: 9.58 ft.
Length of Water Column: ~~4.80~~ 4.77 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 0.77 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1023
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.64	13.79	7.32	1.64	-60.60	0.29	12.2	300	1.001
10	12.78	13.60	7.12	1.69	-85.70	1.59	12.1	200	
15	13.05	14.36	6.98	3.96	-129.40	6.67	9.79	100	
* 20	13.50	13.42	7.64	5.02	-195.70	5.43	16.4	85	
25	14.20	Well went dry, no sample collected							
		~~13.4-13.2' btoc~~							
	Well =	recovered from ~ 113 mL/min		13.4-13.2' btoc		in	1 min	(0.03 gal/min)	
		12.80'-12.65' in 1 min							

	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: NA Total volume of groundwater purged: — gallon(s). Specific Gravity: —
Final Observations: Color: — Odor: — Sheen/Free Product: —

Sample ID: NA **Sample Time:** NA

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: *Dropped intake tubing to ~ 0.2' above bottom of well, started sucking air.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-895R

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel: CAH + TBP
Date: 6-5-15
Weather:

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.45 ft. bmp
Depth to Water*: — ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☐ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
4	DRY								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel: CAH + TBP
Date: 6-5-15
Weather:

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: _____ ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☐ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☒ Other: NA

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
☆	Obstruction - Can not lower water meter.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA | Sampling Method: , | Field Personnel: CAH + TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 6-5-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 45.03 ft. bmp
Depth to Water*: 41.2 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: Bailer fell down well

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH+TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 6-5-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 35.29 ft. bmp
Depth to Water*: 33.28 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft

Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Δ Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH+TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 6-5-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 36.09 ft. bmp
Depth to Water*: 34.42 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
☆	not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel: CAH+TBP
Date: 6-5-15
Weather:

Well Information:

Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 39.40 ft. bmp
Depth to Water*: 38.04 ft.
Length of Water Column: ft.

Well Volume Multipliers:

☐ 2 in. = 0.163 gal/ft

Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
** not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/22/15
Project #: 1163.61104 | Pump/Controller ID#: FA00135 | Weather: 60's sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 12.50 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1032
Initial Observations: Color: Brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.57	12.61	6.68	107.1	-105.7	0.06	2812	500	1.060
10	12.57	12.59	6.83	106.65	-105.3	0.05	1990	500	
15	12.57	12.64	6.88	107.79	-102.6	0.06	1323	500	
20	12.57	12.73	6.90	107.63	-100.10	0.05	1005	500	
25	12.57	12.73	6.90	107.66	-98.10	0.06	831	500	
30	12.55	13.05	6.92	107.61	-96.3	0.05	721	500	
*	IPod	Reset	Log	—	—	—	—	—	—
5	12.57	12.65	6.92	108.82	-91.1	0.03	126	500	
10	12.57	12.50	6.91	108.88	-88.7	0.03	86	500	
15	12.37	12.37	6.90	108.98	-86.9	0.03	114	500	
20	12.57	12.28	6.90	110.23	-82.3	0.03	103.9	500	
25	12.57	12.21	6.89	109.77	-82.9	0.02	97.0	500	
30	12.57	12.15	6.89	110.49	-82.2	0.01	81.6	500	
35	12.57	12.09	6.89	110.29	-81.4	0.00	71.5	500	
40	12.57	12.09	6.88	110.49	-80.80	0.01	53.6	500	
45	12.57	12.10	6.88	110.56	-80.3	0.01	61.5	500	
50	12.57	12.13	6.88	110.11	-79.5	0.01	36.1	500	
55	12.57	12.11	6.88	110.18	-79.1	0.01	30.7	500	
60	12.57	12.13	6.87	110.26	-78.6	0.01	27.0	500	
65	12.57	12.14	6.87	110.2	-78.3	0.01	23.2	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1250 Total volume of groundwater purged: 23 gallon(s). Specific Gravity: 1.060
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0263-01,02(MS),03(MSD) **Sample Time:** 1315

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01179
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: ____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-85D

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5.22.15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
70 12.57	12.57	12.04	6.87	110.63	-78.1	0.01	19.2	500	
75	12.57	12.13	6.87	110.53	-77.8	0.01	16.2	500	
80	12.57	12.18	6.87	75.04	-77.7	0.01	13.0	500	
85	12.57	12.23	6.87	77.5	-77.5	0.01	10.92	500	
90	12.57	12.18	6.87	110.03	-77.4	0.01	8.17	500	
95	12.57	12.15	6.87	110.28	-77.7	0.01	7.57	500	
100	12.57	12.16	6.87	109.8	-77.5	0.01	7.6	500	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-045

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri pump | Date: 5-22-15
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: Sun, 65°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 17.80 ft. bmp
Depth to Water*: 8.41 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:47
Initial Observations: *Color:* light black *Odor:* slight sulfur *Sheen/Free Product:* NO / organic material

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.91	10.67	6.90	4.00	-86.06	0.09	15.3	340	1.004
10	9.22	10.70	6.90	3.70	-69.60	0.07	18.0	340	
15	9.42	10.92	6.77	3.90	-59.90	0.21	14.4	380	
20	9.61	10.84	6.75	4.50	-63.40	0.10	14.3	360	1.002
25	9.64	10.62	6.79	5.00	-66.10	0.07	12.6	360	
30	9.70	10.43	6.82	5.40	-66.90	0.09	10.28	360	
35	9.74	10.39	6.87	5.70	-67.10	0.12	8.10	360	1.002
40	9.77	10.36	6.90	5.90	-68.40	0.16	7.66	360	
45	9.78	10.39	6.93	6.00	-67.20	0.16	6.09	360	
50	9.79	10.37	6.95	6.10	-66.20	0.17	5.86	360	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:38 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0263-04,05 (FD) **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01394
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-104

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-22-15
Project #: 1163.61104 | Pump/Controller ID#: FA00636 / FA02635 | Weather: ~60°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.15 ft. bmp
Depth to Water*: 9.10 ft.
Length of Water Column: 10.05 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft

Well Volume: 1.63 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1115

Initial Observations: Color: Black Odor: Leachate Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.73	12.01	8.04	53.80	-282.90	0.00	1,111	400	1.032
10	9.70	11.33	7.81	53.70	-241.20	0.00	57.2	400	
15	9.73	11.87	7.85	51.30	-257.00	0.00	45.5	400	
20	9.73	12.24	8.98	42.10	-413.60	0.00	23.8	400	
25	9.75	12.28	10.53	34.30	-464.60	0.00	22.9	400	
30	9.74	12.47	11.13	29.70	-394.80	0.07	23.7	400	
35	9.73	12.28	11.45	28.10	-287.10	0.18	21.3	400	
40	9.73	12.24	11.67	26.80	-208.40	0.29	18.6	400	
45	9.73	12.21	11.83	26.00	-175.80	0.37	16.3	400	
50	9.73	12.35	11.92	25.40	-162.80	0.46	11.4	408	
55	9.73	12.33	11.98	25.10	-155.40	0.50	10.32	400	
60	9.73	12.38	12.02	24.70	-155.20	0.56	9.78	400	
65	9.73	12.12	12.05	24.60	-147.90	5.62	9.69	4.00	
70	9.73	12.24	12.07	24.30	-144.80	0.67	9.24	400	
75	9.73	12.28	12.09	24.20	-145.10	0.71	8.96	400	
80	9.73	12.27	12.11	24.00	-144.00	0.76	7.56	400	
85	9.73	12.15	12.13	24.00	-143.50	0.81	7.06	400	
90	9.73	12.12	12.14	24.00	-143.40	0.84	8.35	400	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1247 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: Leachate Sheen/Free Product: No

Sample ID: SB915-0263-06 **Sample Time:** 1320

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01109
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-55BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	5-21-15
Project #:	1163.61104	Pump/Controller ID#:	FA005041FA01817	Weather:	Sun+clouds, 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.41 ft. bmp
Depth to Water*: 27.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:30

Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	43.40	12.45	6.71	64.10	-26.20	0.04	52.9	480	1.028
+ 10	43.60	12.76	6.57	65.60	-8.08	0.03	20.8	480	
15	42.18	12.93	6.55	65.40	17.30	0.03	12.8	480	
20	41.92	12.88	6.45	65.40	26.70	0.02	8.21	480	1.034
25	41.45	13.34	6.60	65.10	47.30	0.02	8.59	480	
30	41.08	13.27	6.47	65.20	23.20	0.02	4.97	480	
35	40.52	13.12	6.36	65.40	52.90	0.02	3.90	480	1.034
40	39.97	13.49	6.40	64.90	28.40	0.01	3.12	480	
45	39.62	13.93	6.35	64.50	28.50	0.01	2.77	480	
50	39.33	13.87	6.35	64.20	29.30	0.01	2.58	480	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.034

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0262-01 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ★ Purged 5 gallons
+ did not record - ipod.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-21-15
Project #: 1163.61104 | Pump/Controller ID#: FA00135 / FA01817 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.72 ft. bmp
Depth to Water*: 28.15 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:10
Initial Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.80	13.20	6.41	74.50	-11.00	0.54	35.2	440	1.040
10	28.86	13.22	6.35	73.90	-5.90	0.15	13.7	440	
15	28.91	13.59	6.33	77.10	-6.00	0.09	6.53	440	
20	28.92	13.56	6.33	76.50	-6.80	0.08	4.38	440	
25	28.92	13.66	6.31	75.60	-5.90	0.06	3.91	440	
30	28.92	13.62	6.29	76.70	-13.40	0.07	3.57	440	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:40 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0262-02 **Sample Time:** 12:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5.21.15
Project #: 1163.61104 | Pump/Controller ID#: FA00134/FA00635 | Weather: ~60°F Sun/Clouds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 84.56 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1004
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* 5	135.20	11.76	6.91	157.61	-159.40	0.05	93	>1000	1.084
* 10	136.10	12.42	7.36	151.50	-207.70	0.04	61.7	>1000	
* 15	141.00	13.34	7.55	156.62	-205.10	0.03	41.9	>1000	
* 20	154.15	13.65	7.64	157.18	-200.20	0.04	47.5	>1000	
* 25	168.80	14.28	7.68	155.13	-189.00	0.04	43.7	>1000	
** 30	169.40	14.75	7.69	153.49	-173.20	0.05	40.9	200	
35	169.40	14.60	7.69	152.65	-163.70	0.07	34.2	200	1.088
40	169.55	14.18	7.70	152.05	-156.00	0.08	38.3	200	
45	169.55	13.78	7.69	152.98	-149.90	0.11	34.9	200	
50	169.82	13.56	7.67	153.79	-146.00	0.12	32.7	200	
55	169.95	13.37	7.62	156.38	-131.40	0.11	32.2	200	
60	170.02	13.40	7.54	157.80	-118.20	0.10	24.8	200	
65	170.10	13.33	7.46	159.20	-105.70	0.09	21.0	200	
70	170.55	13.37	7.39	160.02	-95.30	0.09	17.0	200	
75	170.70	13.73	7.32	160.59	-88.50	0.09	14.5	200	
80	171.15	14.01	7.26	158.95	-85.30	0.08	12.8	200	
85	171.25	14.20	7.22	159.11	-82.60	0.08	12.5	200	1.094
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 19 gallon(s). *Specific Gravity:* 1.094
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0262-03 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: * Actively purging well, purged a total of 15 gallons
** Started Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/21/15
Project #: 1163.61104 | Pump/Controller ID#: FA0A89 / FA00Z96 | Weather: 60 partly cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 154.84 ft. bmp
Depth to Water*: 27.40 ft.
Length of Water Column: 127.44 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 20.77 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:11
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* 5	27.1	12.67	13.49	131.9	-185.3	3.69	25.0	~~140~~	1.068
* 10	29.3	12.01	13.25	134.1	-203.1	2.74	23.6	200	
* 15	30.04	12.19	12.93	135.7	-208.8	2.25	20.8	~~200~~	
* 20	31.0	10.99	12.39	148.1	-313.6	0.35	29.5		
* 25	52.0	12.28	12.93	136.5	-252.0	0.98	33.2	400	
30	51.7	12.16	12.94	134.3	-209.3	1.08	30.3	400	
** 35		11.83	12.76	137.2	-206.3	0.99	28.5	400	
** 40		11.92	12.68	138.8	-224.2	0.82	19.9	280	
** 45		12.19	12.42	138.5	-244.7	0.51	67.3	280	
50	57.15	12.19	12.29	138.9	-246.0	0.44	14.1	280	
55	57.12	12.42	12.20	138.9	-252.5	0.41	12.01	220	
60	57.0	12.65	12.28	137.6	-253.5	0.37	11.1	220	
65	57	12.79	12.18	137.1	-250	0.34	9.87	220	
70	57	12.84	12.11	136.6	-250.1	0.31	10.68	220	
75	56.9	13.02	12.04	135.7	-250.2	0.29	9.50	220	
80	56.88	13.06	12.02	135.5	-248.9	0.29	7.53	220	
85	56.9	13.11	12.02	135.7	-255.2	0.27	7.85	220	
90	56.6	13.36	12.04	135.0	-258.9	0.26	6.35	220	
95	56.7	13.34	12.04	135.6	-260.4	0.24	6.13	220	
100	56.65	13.23	12.04	134.9	-260.4	0.22	6.96	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:03 Total volume of groundwater purged: 12 gallon(s). Specific Gravity: 1.076
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0267-04 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01109
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: * Activly Purging 5gal From well During Readings
** Can not get Reading From wLF Due to conductivity of water

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-93BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5/21/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	57.5	13.11	12.07	185.7	-256.2	0.22	6.52	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	5.21.15
Project #:	1163.61104	Pump/Controller ID#:	FA00771 / FA0635	Weather:	65°F Sunny

Well Information:

- Installed Depth of Well*: _____ ft. bmp
- Measured Depth of Well*: 197.89 ft. bmp
- Depth to Water*: 77.00 ft.
- Length of Water Column: 120.89 ft.

Well Volume Multipliers:

- ☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

- ☐ Well Casing
- ☒ Protective Casing
- ☐ Other: _____

Start Purge Time: 1256

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	5	107.96	12.28	7.51	68.05	-66.20	0.05	8.69	>1000	1.032
*	10	120.18	12.87	7.36	67.87	-82.70	0.05	11.6	>1000	
*	15	145.00	13.40	7.16	66.65	-42.50	0.04	18.6	>1000	
**	20	153.00	14.70	6.97	67.34	-29.30	0.05	19.5	280	
	25	153.35	15.30	6.89	65.47	-25.00	0.09	20.4	230	
	30	153.25	14.87	6.85	64.95	-26.40	0.12	21.1	230	
	35	153.80	14.37	6.82	66.40	-16.40	0.15	21.7	250	
	40	154.40	13.62	6.79	67.52	-16.00	0.13	21.5	250	
	45	155.10	14.05	6.79	68.31	-21.90	0.11	18.9	250	
	50	155.25	13.92	6.79	70.94	-29.20	0.12	17.2	250	
	55	155.20	14.64	6.80	71.31	-34.50	0.10	14.9	250	
	60	156.10	14.29	6.82	70.74	-35.10	0.11	14.1	250	
	65	156.10	14.94	6.81	71.69	-37.00	0.09	12.6	250	
	70	157.00	14.75	6.83	71.48	-36.20	0.10	12.8	250	1.034
	MW									
Stabilization		Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410 Total volume of groundwater purged: 18 gallon(s). *Specific Gravity:* 1.034

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0262-05 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01349
Other:			

Notes: *Purging water from well to drop DTW
** Started Low-Flow

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: GrundFos | Date: 6/21/15
Project #: 1163.61104 | Pump/Controller ID#: FA00636 / FA00796 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 137.58 ft. bmp
Depth to Water*: 26.48 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1340
Initial Observations: Color: Slightly Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	55.36	13.83	13.77	57.4	-341.1	0.04	158	500	1.026
10	55.3	13.87	13.89	58.0	-396.7	0.00	85	500	
15	55.35	13.52	13.00	56.2	-424.1	-0.01	56.4	500	
20	55.415	13.5	13.04	55.6	-428.3	-0.01	31.7	500	
25	55.57	13.56	13.07	55.2	-418.2	-0.01	23.9	500	
30	55.61	13.56	13.06	55.0	-407.9	-0.02	18.3	500	1.024
35	55.65	13.68	13.02	55.0	-395.6	-0.02	15.0	500	
40	55.7	13.69	13.0	55.1	-388.3	-0.02	13.5	500	
45	55.75	13.66	13.01	55.1	-384.1	-0.02	13.2	500	
50	55.75	13.73	13.00	55.9	-378.9	-0.02	13.1	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1430 Total volume of groundwater purged: 14 gallon(s). Specific Gravity: 1.026
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0264-06 Sample Time: 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01109
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: Purged 5gal Before Low Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP, KJK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/20/15
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 50's cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.35 ft. bmp
Depth to Water*: 27.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:20

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.75	9.34	6.39	45.8	-67.0	0.16	7.00	400	1.024
10	27.75	9.23	6.39	55.53	-66.3	0.07	29.9	400	
15	27.75	9.21	6.44	56.04	-61.8	0.05	34.8	400	
20	27.75	9.21	6.44	56.29	-56.9	0.04	15.5	400	
25	27.75	9.21	6.44	56.77	-54.5	0.03	9.86	400	
30	27.75	9.21	6.44	57.27	-52.4	0.03	8.77	400	
35	27.75	9.21	6.44	57.96	-48.8	0.03	7.79	400	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 955 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.028

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0261-01 **Sample Time:** 1015

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01109
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-20-15
Project #: 1163.61104 | Pump/Controller ID#: FA00771 / FA00635 | Weather: Windy, 50°F, Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 68.77 ft. bmp
Depth to Water*: 23.70 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:21

Initial Observations: Color: Clear Odor: Some sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.88	11.44	6.99	1.50	-97.10	0.12	9.71	480	1.002
10	23.88	11.58	6.98	1.60	-72.10	0.05	8.69	480	
15	23.88	11.58	7.00	1.60	-61.20	0.04	11.6	480	
20	23.88	11.58	7.00	1.60	-54.50	0.03	9.95	480	1.002
25	23.88	11.63	7.00	1.60	-50.20	0.02	6.39	480	
30	23.88	11.63	7.01	1.60	-48.40	0.02	5.22	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:53 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0261-02 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1045

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-19-15
Project #: 1163.61104 | Pump/Controller ID#: FA01986/FA00796 | Weather: 75°F, humid, sun clouds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.60 ft. bmp
Depth to Water*: 6.86 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:58
Initial Observations: Color: light brown Odor: NO Sheen/Free Product: NO

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
✱	5	9.78	14.38	6.75	114.40	25.30	0.14	68.6	200	1.064
	10	10.62	14.73	6.76	114.00	26.00	0.11	28.2	200	
	15	11.38	14.24	6.84	114.90	26.80	0.10	19.7	200	
	20	12.15	14.03	6.92	114.40	27.30	0.09	16.7	200	1.064
	25	12.79	14.65	6.90	113.70	27.40	0.09	16.9	200	
	30	14.01	14.11	7.08	114.30	29.30	0.09	17.8	200	
†	35	15.16	13.22	7.16	115.40	30.70	0.14	31.5	200	
†	40	16.54	14.68	6.99	114.80	30.50	0.12	59.7	200	
†	45	16.69	14.00	7.14	115.80	30.20	0.17	50.6	200	
	50	17.04	13.56	7.30	114.60	30.50	0.19	43.2	200	
†	55	17.18	13.95	7.13	115.70	27.50	0.15	70.0	200	
†	60	17.74	13.74	7.17	113.80	25.40	0.13	91	200	
	65	17.94	14.06	7.10	113.70	20.60	0.11	123	200	
	70	18.02	14.19	7.10	112.60	16.00	0.09	74	200	
	75	18.26	14.51	7.08	112.10	12.30	0.06	819 AV	260	1.062
	80	18.52	13.79	7.27	111.90	13.40	0.11	137 NTU	260	
	85	18.73	14.24	7.25	111.90	16.00	0.22	143	260	
†	90	19.12	14.29	7.24	112.60	20.80	0.51	1345	260	1.066
†	95	Purged well dry.								
5/20/15 @ 11:00 Grundfos	—	—	10.46	6.06	117.25	49.5	3.17	3062	—	1.066
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: _____ gallon(s). Specific Gravity: 1.0
Final Observations: Color: brown Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0261-03 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: ✱ IPod issues. ICloud stuck in sign in loop. Insitu program will not run. Started with new phone @ 10:18.
† Pump has to be surged and then brought back down.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5.19.15
Project #: 1163.61104 | Pump/Controller ID#: FA00636/FA00635 | Weather: ~75°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.60 ft. bmp
Depth to Water*: 48.24 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1111

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	48.36	11.48	7.25	0.00	-31.90	7.83	16.4	500	1.004
10	48.35	11.87	7.13	0.00	-28.30	7.83	6.05	500	
15	48.35	12.24	7.09	1.10	-22.50	0.08	4.63	500	
20	48.35	12.37	7.08	1.10	-16.50	0.08	2.93	500	
25	48.35	12.60	7.08	1.10	-12.30	0.08	2.36	500	
30	48.35	12.67	7.07	1.10	-9.60	0.05	1.69	500	
35	48.35	12.71	7.07	1.10	-7.20	0.05	1.34	500	
40	48.35	12.69	7.07	1.10	-4.70	0.05	1.25	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1151 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0260-03 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: NA | Date: 5.14.15
Project #: 1163.61104 | Pump/Controller ID#: NA | Weather: ~75°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.70 ft. bmp
Depth to Water*: 14.45 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-mw-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/19/15
Project #: 1163.61104 | Pump/Controller ID#: FA00711 / FA00796 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.41 ft. bmp
Depth to Water*: 29.49 ft.
Length of Water Column: 99.92 ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft

Well Volume: 16.29 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1329

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* 5	43.7	11.29	7.02	83.91	-50.90	0.24	78.2	500	1.046
10	43.6	11.29	7.06	82.55	-40.80	0.19	29.1	500	
15	43.55	11.25	7.03	82.51	-25.6	0.17	17.8	500	
20	43.53	11.31	6.98	82.36	-17.5	0.17	12.0	500	
25	43.2	11.37	6.93	82.9	-9.7	0.16	10.87	500	
30	42.3	11.24	6.89	82.21	-4.20	0.16	5.18	500	
35	42.23	11.22	6.85	76.55	0.2	0.15	5.94	500	
40	42.23	11.14	6.81	81.97	2.30	0.15	5.61	500	
45	42.23	11.16	6.78	82.53	3.60	0.15	4.57	500	
50	41.8	11.15	6.75	82.67	8.70	0.15	3.60	500	
55	41.75	11.09	6.72	83.07	1.9	0.14	3.75	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1425 Total volume of groundwater purged: 17 gallon(s). Specific Gravity: 1.046

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0260-01 **Sample Time:** 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01320
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: * Purged 5gal Before start of low Flow to 48.15' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/19/15
Project #: 1163.61104 | Pump/Controller ID#: FA00134/FA01817 | Weather: 80's Sunny/Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 26.6 ft.
Length of Water Column: 48.63 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 7.93 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 959

Initial Observations: Color: Slightly cloudy Odor: None Sheen/Free Product: None

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	5	26.61	12.11	7.79	1.15	54.1	0.39	206.2	500	1.000
*	10	26.61	12.33	7.59	1.20	55.6	0.35	139.7	500	
**	30	26.61	12.65	7.28	1.31	56.0	0.47	104.5	500	
	35	26.61	12.57	7.26	1.31	56.7	0.49	71.4	500	
	40	26.61	12.57	7.23	1.32	56.7	0.52	47.8	500	
	45	26.61	12.98	7.20	1.32	56.8	0.54	29.4	500	
	50	26.61	13.02	7.19	1.31	57.6	0.56	21.9	500	
	~~55~~	26.61	12.79	7.17	1.32	58.3	0.60	17.6	500	
	~~60~~	26.61	12.70	7.16	1.32	58.4	0.63	13.3	500	
	~~65~~	26.61	12.89	7.15	1.31	59.2	0.65	11.11	500	
	70	26.61	12.74	7.14	1.32	59.5	0.68	11.15	500	
	75	26.61	12.57	7.13	1.32	60.3	0.69	11.2	500	
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:11 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0260-02 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * IPoD Reset log After Taking Reading
** Start using live Readings For log

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-~~MW~~WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5.18.15

Project #: 1163.61104 | Pump/Controller ID#: FA001341 / FA00635 | Weather: ~84°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 14.24 ft. bmp

Depth to Water*: 8.10 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other: _____

Start Purge Time: 1115

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.15	14.20	6.02	79.33	-57.50	0.49	3594	410	1.048
10	8.15	14.19	6.06	87.90	-55.20	0.12	1689	410	
15	8.15	14.12	6.06	87.90	-52.70	0.12	854	410	
20	8.13	14.06	6.10	87.90	-50.60	0.12	124	410	
25	8.15	14.18	6.10	90.05	-48.90	0.03	76	410	
30	8.15	14.03	6.10	90.05	-46.90	0.03	85.2	416	
35	8.15	14.08	6.09	90.05	-46.60	0.03	59.7	410	
40	8.15	14.43	6.08	90.02	-35.60	0.01	41.9	410	
45	8.15	14.38	6.08	89.94	-35.90	0.01	31.1	410	
50	8.15	14.24	6.07	89.79	-37.90	0.01	27.5	410	
55	8.15	14.57	6.07	89.86	-40.00	0.01	19.3	410	
60	8.15	14.51	6.07	89.86	-39.80	0.01	23.8	410	
65	8.15	14.20	6.06	90.13	-36.00	0.01	15.0	416	
70	8.15	14.38	6.06	90.02	-34.80	0.01	15.0	410	
75	8.15	14.47	6.06	89.41	-35.30	0.01	14.9	410	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.050

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0259-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/18/15
Project #: 1163.61104 | Pump/Controller ID#: 471 / 1817 | Weather: 80s F - Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 9.98 ft.
Length of Water Column: 9.37 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1058

Initial Observations: Color: Light Brown Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.73	14.92	10.75	15.40	-99.90	0.06	49.7	350	1.004
10	12.05	15.01	10.99	15.70	-102.30	0.02	36.2	180	
15	12.77	14.88	10.42	22.60	-70.00	0.00	39.9	380	
20	13.14	15.51	10.22	25.60	-59.90	0.00	134	300	
25	13.13	15.91	10.20	25.80	-64.00	0.00	93	280	
30	13.11	16.02	10.19	25.80	-67.30	0.00	83	280	
35	13.08	16.31	10.13	26.20	-62.70	0.00	92.8	280	
40	13.05	16.49	10.20	25.50	-62.80	0.00	84.6	280	
45	13.04	16.16	10.18	25.80	-57.90	0.00	31.0	280	
50	12.99	16.09	10.17	26.10	-54.10	0.00	37	280	
55	12.95	16.13	10.23	25.60	-55.90	0.00	32	280	
60	12.92	16.92	10.19	25.80	-54.10	0.00	50	280	
65	12.96	16.58	10.21	25.60	-51.60	0.00	41	280	
70	13.06	16.58	10.24	25.50	-52.50	0.00	45	280	
75	13.09	16.87	10.24	25.50	-51.10	0.00	59	280	
80	13.08	16.76	10.23	25.80	-49.20	0.00	46	280	
85	13.04	16.72	10.26	25.70	-48.80	0.00	51	280	
90	13.02	16.65	10.27	25.70	-47.00	0.00	62	280	
95	13.00	16.67	10.28	25.70	-47.80	0.00	65	280	
100	15.08	16.63	10.29	25.80	-46.40	0.00	66	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1345 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Light Brown Odor: None Sheen/Free Product: _____

Sample ID: SB915-0259-01 **Sample Time:** 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	1138
Turbidity Meter:	LaMotte	2020we	1399
Other:			

Notes: high precipitates in water

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-135

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JCSK | Date: 5/18/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	13.10	16.43	10.34	25.60	-54.90	0.00	52	280	
110	13.08	16.45	10.31	26.20	-47.50	0.00	67	280	
115	13.04	16.45	10.38	25.60	-48.60	0.00	63	280	
120	13.02	NA	NA	NA	NA	NA	85	280	
125	13.08	16.70	10.38	25.70	-49.90	0.00	71	280	
130	13.00	16.36	10.41	25.90	-47.10	0.00	81	280	
135	13.02	16.81	10.40	26.10	-46.70	0.00	100	280	
140	13.10	17.26	10.45	25.00	-53.90	0.00	91	280	
145	13.11	17.43	10.41	25.70	-49.80	0.00	74	280	
150	13.17	17.39	10.43	25.70	-48.90	0.00	102	280	
155	13.22	17.39	10.45	25.60	-49.20	0.00	81	280	
160	13.18	17.25	10.44	26.10	-45.00	0.00	89	280	
165	13.17	17.25	10.44	26.10	-45.00	0.00	77	280	1.010
				8 well VOLUMES					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/18/15
Project #: 1163.61104 | Pump/Controller ID#: FA01989 / FA00796 | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.20 ft. bmp
Depth to Water*: 5.88 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:10
Initial Observations: Color: ~~Slightly~~ Cloudy Brown / Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.92	16.1	6.81	61.2	-20.4	0.67	over range	240	1.026
10	5.92	15.69	6.68	66.3	-14.3	0.37	3639	240	
15	5.92	15.72	6.60	70.5	-11.0	0.29	2585	240	
20	5.93	15.5	6.55	72.9	-8.4	0.25	1408	240	
25	5.93	15.74	6.52	73.6	-6.9	0.22	1185	240	
30	5.93	15.25	6.50	74.1	-4.7	0.21	931	240	
35	5.95	14.93	6.49	74.9	-2.8	0.19	679	240	
40	5.93	14.98	6.48	75.2	-1.8	0.18	663	240	
45	5.92	15.67	6.46	75.6	-1.9	0.18	605	240	
50	5.92	15.62	6.46	74.0	-1.2	0.16	95	240	
55	5.93	5.32	6.45	75.8	0.0	0.16	95	240	1.028
60	5.93	16.06	6.45	76.9	0.9	0.12	122	240	
65	5.94	15.56	6.45	75.5	1.80	0.21	76	240	
70	5.95	15.27	6.45	76.2	2.90	0.20	86	240	
75	5.95	~~14.64~~	~~6.45~~	~~76.8~~	~~5.00~~	~~0.14~~	94.6	240	
80	5.94	14.64	6.45	76.5	5.00	0.14	89.5	240	
85	5.94	14.39	6.45	76.5	5.70	0.14	73.8	340	
90	5.95	14.48	6.44	76.5	6.00	0.13	62.9	340	
95	5.93	14.51	6.44	76.9	6.05	0.13	58.8	340	
100	5.95	14.48	6.44	76.3	6.9	0.14	54.9	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:15 Total volume of groundwater purged: 10 gallon(s). Specific Gravity: 1.040

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0259-02 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: * IPOD Restarted Log

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-WB09L

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: BP | Date: 5/18/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	5.94	15.06	6.43	76.3	6.5	0.14	45.8	340	
110	5.94	15.19	6.43	76.3	6.5	0.13	30.7	340	
115	5.93	15.25	6.43	76.4	6.6	0.14	30.1	340	
120	5.93	15.59	6.43	76.5	6.5	0.14	33.2	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-140

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-15-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134/FA00796 | Weather: ~65 °F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.64 ft. bmp
Depth to Water*: 5.39 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1031
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.48	13.70	6.10	61.40	-58.60	1.08	78.8	180	1.028
10	8.42	13.79	6.13	62.00	-62.30	0.35	83.5	200	
15	9.45	13.97	6.16	61.90	-62.30	0.14	63.3	220	
20	10.18	14.49	6.18	62.10	-62.50	0.13	43.4	220	
25	10.76	14.06	6.18	62.20	-61.60	0.12	33.6	200	
30	11.15	14.06	6.17	62.20	-61.20	0.12	28.5	200	
35	11.62	14.09	6.18	62.20	-59.80	0.12	22.4	200	
40	11.68	14.59	6.18	62.10	-59.40	0.08	21.0	200	
45	11.95	14.31	6.19	62.10	-57.20	0.08	23.9	200	
50	12.25	14.22	6.18	61.30	-55.70	0.08	23.6	200	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.028
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0258-01 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JL SJL
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/15/15
Project #: 1163.61104 | Pump/Controller ID#: 135 / 1817 | Weather: Sunny ~65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 120.69 ft. bmp
Depth to Water*: 8.66 ft.
Length of Water Column: 112.03 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1035
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.72	14.52	6.18	146.60	67.20	1.87	24.8	180	1.076
10	8.70	13.61	6.17	151.80	56.90	1.47	18.1	200	
15	8.68	13.66	6.15	196.00	4.40	0.54	36.7	220	
20	8.68	12.74	6.37	198.10	-14.10	0.30	726	410	
25	8.72	12.66	6.49	195.80	-16.20	0.23	783	410	
30	8.70	12.76	6.56	192.80	-13.40	0.20	129	400	
35	8.69	12.61	6.60	191.60	-9.20	0.18	94	300	
40	8.68	12.65	6.61	190.70	-5.40	0.17	112	320	
45	8.68	12.71	6.61	191.90	-2.80	0.16	107.4	300	
50	8.68	12.70	6.61	192.90	-1.10	0.15	96.3	420	
55	8.68	12.97	6.60	192.50	-0.30	0.15	66.5	440	
60	8.67	12.95	6.60	193.20	+0.40	0.16	52.4	380	
65	8.68	13.03	6.60	193.10	0.90	0.16	48.7	380	
70	8.67	13.04	6.60	193.80	1.30	0.16	38.9	350	
75	8.68	13.48	6.60	192.30	1.10	0.14	48.8	410	
80	8.68	13.32	6.60	192.70	1.80	0.13	40.0	360	
85	8.68	13.29	6.60	196.46	2.20	0.14	29.7	360	
90	8.67	13.25	6.60	192.40	2.70	0.13	33.9	320	
95	8.67	12.79	6.60	171.10	3.40	0.17	23.1	320	
100	8.66	13.78	6.60	194.30	3.50	0.12	21.6	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1225 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.114
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0258-02 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	1326
Turbidity Meter:	LaMotte	2020we	2122
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** WB18-MW-14BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JSK | Date: 5/15/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm, mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	8.67	13.75	6.59	191.50	3.30	0.12	19.5	350	
110	8.67	13.84	6.59	191.40	3.40	0.12	21.2	330	1.114
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: ~~SB915-RAIL~~ WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/15/15
Project #: 1163.61104 | Pump/Controller ID#: FA00504 / FA00635 | Weather: 60 Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 82.00 ft. bmp
Depth to Water*: 14.80 ft.
Length of Water Column: 67.2 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft

Well Volume: 10.95 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 1016
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.05	11.87	6.61	118.5	-16.6	0.14	86.5	465	1.060
10	15.02	11.54	6.55	119.1	-9.7	0.13	53.5	465	
15	15.02	11.69	6.52	118.3	-7.3	0.10	46.3	465	
20	15.03	11.87	6.51	119.0	-9.4	0.08	38.7	465	
25	15.05	12.01	6.50	118.10	-8.5	0.07	34.7	465	
30	15.05	12.05	6.50	118.2	-7.8	0.07	30.5	465	
* 35	15.03	12.10	6.51	118.0	-9.1	0.06	26.0	465	
40	15.04	12.09	6.52	118.4	-8.30	0.06	23.5	465	
45	15.05	12.07	6.52	118.6	-8.00	0.05	18.0	465	
50	15.05	12.10	6.52	118.6	-7.6	0.05	17.1	465	
55	15.05	12.05	6.53	118.4	-7.4	0.05	13.4	465	
60	15.05	12.10	6.54	118.5	-7.00	0.04	10.24	465	
65	15.06	12.10	6.54	118.8	-6.8	0.04	8.74	465	
70	15.09	12.11	6.55	118.1	-6.2	0.04	8.49	465	
75	15.07	12.14	6.56	118.0	-5.8	0.04	6.13	465	
80	15.08	12.22	6.57	118.4	-5.7	0.04	4.75	465	
85	15.09	12.24	6.58	118.2	-5.2	0.03	4.43	465	
90	15.07	12.37	6.59	118.0	-5.4	0.03	4.62	465	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* Did Not Record

End Purge Time: 1147 Total volume of groundwater purged: 13.5 gallon(s). *Specific Gravity:* 1.066
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0258-03 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: * Insitu Did Not Record in Log Readings are From Live Readings

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: NA | Date: 6.10.15 / 6.11.15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 41.75 ft. bmp
Depth to Water*: 36.84 ft.
Length of Water Column: 4.91 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 0.8 gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
6.9.15 1446	36.84	15.09	9.21	38.187	-17.0	5.54	5.16	—	1.018
	0.8 gallons removed, well went dry, allowing to recover								
6.11.15 1115	36.75	purged	~0.8	gallons w/ PVC	bailer,	well went dry			
		16.55	9.17	33.16	150.3	5.95	—	—	
		40.50 – 40.42		in 1 min		(0.01	gal/min)		
		@ (37 mL/min recovery)							
		No sample collected.							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: N/A Total volume of groundwater purged: — gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: N/A **Sample Time:** N/A

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-14-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134/FA00635 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.40 ft. bmp
Depth to Water*: 67.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:28
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.97	12.65	5.71	86.10	-63.20	0.41	14.5	430	1.044
10	67.97	12.92	5.71	86.10	-71.40	0.41	15.0	480	
15	67.98	13.56	5.82	102.00	-77.60	0.12	22.6	480	
20	67.98	13.76	5.96	102.00	-78.40	0.12	18.6	480	
25	67.98	13.88	6.01	102.10	-77.70	0.06	13.6	480	1.052
30	67.98	13.88	6.05	102.10	-76.70	0.06	9.98	480	
35	67.98	14.07	6.08	102.10	-75.50	0.06	6.57	480	
40	67.98	14.18	6.10	101.90	-74.40	0.05	4.63	480	
45	67.98	14.19	6.12	101.60	-73.30	0.04	3.56	480	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:14 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0257-01 **Sample Time:** 11:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA001327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-412I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-14-15
Project #: 1163.61104 | Pump/Controller ID#: FA005064 / FA007916 | Weather: ~55°F Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 46.51 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1026
Initial Observations: Color: Light Brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	48.85	13.01	11.01	98.10	-96.60	0.32	134	230	1.051
10	50.00	12.89	11.16	98.70	-85.10	0.28	15.9	150	
15	50.83	13.33	11.29	99.30	-72.80	0.33	5.02	150	
20	51.52	14.06	11.36	98.40	-64.20	0.35	3.62	150	
25	52.32	14.57	11.38	97.00	-55.00	0.33	3.99	150	
30	52.95	15.03	11.41	96.50	-56.30	0.34	7.75	150	
35	53.75	15.15	11.41	97.60	-65.70	0.33	2.97	150	
40	54.50	15.78	11.43	97.40	-72.70	0.31	7.52	150	
45	55.45	16.46	11.45	96.90	-77.40	0.29	11.2	150	
50	55.95	16.73	11.45	96.70	-84.60	0.29	9.91	150	
60	56.65	16.94	11.44	97.00	-89.60	0.29	3.28	150	
65	57.30	17.15	11.45	97.30	-94.50	0.2	2.56	150	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.050

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0257-02.03 (FD) **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-#IMW-03S

Site Name: SB915 Closure / SCA | Sampling Method: low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 60's Sunny
Project #: 1163.61104 | Pump/Controller ID#: FA0 1989 / FA0 1817 | Weather: 5/13/15

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.10 ft. bmp
Depth to Water*: 7.2 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1029
Initial Observations: Color: *Clear/Black in Bucket Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.25	13.00	6.23	53.8	-75.3	0.49	11.48	220	1.026
10	8.52	13.66	6.27	52.6	-85.2	0.36	11.5	220	
15	8.66	14.25	6.34	50.0	-91.3	0.18	15.4	240	
20	8.75	14.94	6.36	47.7	-93.8	0.17	13.0	240	
25	8.88	14.52	6.40	46.1	-95.2	0.16	12.4	240	
30	8.9	15.49	6.4	43.9	-94.1	0.16	13.9	240	
35	9.0	14.75	6.4	44.1	-93.4	0.17	20.8	240	
40	9.25	14.3	6.41	43.5	-92.8	0.15	18.4	240	
45	9.41	14.18	6.4	43.6	-91.9	0.15	15.3	240	
50	9.64	14.27	6.41	43.6	-91.5	0.15	16.7	240	
55	9.7	14.39	6.4	43.8	-91.2	0.14	16.7	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1127 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0257-04/05/06 **Sample Time:** ~~1125~~ 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1325
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: *water Has Black Particulates making it look Black in Bucket

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-52I

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method: Low Flow
Pump Type Used: Grundfos
Pump/Controller ID#: FA0771 / FA00196
Field Personnel: TBP
Date: 5/13/15
Weather: 40's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 44.35 ft.
Length of Water Column: 28.78 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: 4.69 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1259
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	46.44	11.01	10.23	125.2	-172.7	1.03	11.9	110	1.068
10	46.78	11.24	10.69	126.2	-180.9	0.61	11.29	120	
15	47.2	11.31	10.92	125.0	-167.7	0.48	11.01	120	
20	47.5	11.37	11.06	124.6	-161.9	0.52	8.63	120	
25	47.9	11.62	11.15	123.4	-157.2	0.50	8.39	120	
30	48.25	11.82	11.21	123.7	-154.1	0.45	8.02	120	
35	48.36	12.21	11.26	123.2	-152.4	0.37	7.73	120	
40	48.65	12.41	11.3	122.7	-166.2	0.36	8.03	120	
45	49	12.48	11.34	122.5	-161.1	0.32	8.13	120	
50	49.38	12.20	11.39	122.8	-166.2	0.29	7.53	120	
55	49.64	12.33	11.40	122.9	-165.0	0.26	7.29	120	
60	49.87	12.5	11.42	123.3	-167.7	0.26	6.81	120	1.068
65	50.2	12.59	11.43	123.4	-165.9	0.26	7.00	120	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1405 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.068
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0256-05 **Sample Time:** 1410

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/13/15
Project #: 1163.61104 | Pump/Controller ID#: FA0674 / FA00135 | Weather: 40's Drizzle

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 96.50 ft. bmp
Depth to Water*: 21.06 ft.
Length of Water Column: 75.44 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 12.30 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 950
Initial Observations: Color: Slightly cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.9	9.82	7.53	3.10	-23.8	0.52	~~240~~ 10.7	240	1.004
10	22.9	9.69	7.41	3.10	-21.7	0.44	12.7	240	
15	22.95	9.88	7.33	3.10	-18.8	0.37	61.0	300	
20	22.95	9.97	7.28	3.10	-16.4	0.34	32.3	300	
25	22.95	10.06	7.24	3.10	-16.2	0.32	20.6	300	
30	22.95	10.16	7.22	3.10	-13.0	0.31	14.1	300	1.004
35	23.00	10.23	7.20	3.10	-11.6	0.30	12.0	300	
40	23.00	10.25	7.18	3.10	-10.4	0.29	9.99	300	
45	23.0	10.31	7.17	3.10	-9.4	0.28	8.94	300	
50	23.0	10.30	7.16	3.10	-8.4	0.28	8.00	300	
55	23.0	10.25	7.16	3.10	-7.4	0.28	7.75	300	
60	23.0	10.27	7.15	3.10	-6.9	0.27	6.85	300	
65	23.0	10.35	7.14	3.10	-6.2	0.27	6.61	300	
70									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0256-01 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-13-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504/FA00635 | Weather: 50°F, Drizzel

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 21.86 ft. bmp
Depth to Water*: 11.83 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 9:58

Initial Observations: Color: very light tan | Odor: NO | Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.80	10.52	6.48	13.00	-99.90	0.07	57.2	480	1.004
10	11.81	10.65	6.50	12.50	-98.30	0.04	24.7	480	
15	11.81	10.62	6.51	12.40	-97.10	0.03	15.7	480	
20	11.81	10.65	6.52	12.30	-95.70	0.02	11.0	480	1.003
25	11.81	10.80	6.53	12.20	-94.30	0.02	8.85	480	
30	11.81	10.75	6.53	12.10	-94.40	0.01	7.05	480	
35	11.81	10.80	6.54	12.10	-92.80	0.01	6.18	480	1.002
40	11.81	10.85	6.54	12.00	-93.20	0.01	4.51	480	
45	11.81	10.80	6.54	12.00	-91.70	0.01	3.89	480	
50	11.81	10.80	6.55	11.90	-93.90	0.01	3.79	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:50 | Total volume of groundwater purged: 7 gallon(s). | *Specific Gravity:* 1.002

Final Observations: Color: clear | Odor: NO | Sheen/Free Product: NO

Sample ID: SB915-0256-02 | **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JNB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5.13.15
Project #: 1163.61104 | Pump/Controller ID#: FA01989 / FA01817 | Weather: ~55°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.85 ft. bmp
Depth to Water*: 26.66 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1115

Initial Observations: Color: V. light Grey Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.72	11.29	7.09	1.00	-34.40	0.23	67	500	1.002
10	28.72	11.36	7.21	1.00	-44.40	0.12	65.0	500	
15	28.72	11.55	7.23	1.00	-44.70	0.09	43.5	500	
20	28.72	11.64	7.27	1.00	-44.80	0.07	27.6	500	
25	28.70	11.48	7.30	1.00	-44.00	0.08	17.2	400	
30	28.70	11.62	7.30	1.10	-41.40	0.09	9.32	400	
35	28.72	11.86	7.27	1.10	-41.50	0.06	9.55	400	
40	28.72	11.86	7.30	1.10	-39.70	0.05	7.71	400	
45	28.72	11.64	7.32	1.10	-38.50	0.05	5.94	400	
50	28.72	11.64	7.33	1.10	-38.20	0.05	4.69	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0256-03 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-530

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-13-15
Project #: 1163.61104 | Pump/Controller ID#: FA00636/FA00635 | Weather: Cloudy, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 124.05 ft. bmp
Depth to Water*: 66.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:57
Initial Observations: Color: Light grey Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	66.85	10.56	7.50	1.70	-76.20	0.27	126	480	1.000
10	66.85	11.22	7.39	1.80	-74.60	0.15	94.8	480	
15	66.85	11.50	7.33	2.00	-72.50	0.14	53.5	480	
20	66.85	11.92	7.30	2.10	-73.10	0.09	36.4	480	1.000
25	66.85	12.10	7.29	2.10	-73.60	0.08	23.0	480	
30	66.85	12.12	7.28	2.10	-73.00	0.07	16.4	480	
35	66.85	12.28	7.27	2.10	-72.70	0.06	11.6	480	
40	66.85	12.37	7.26	2.10	-70.50	0.06	10.11	480	1.000
45	66.85	12.49	7.25	2.10	-71.50	0.05	8.35	480	
50	66.85	12.42	7.25	2.10	-69.10	0.05	6.73	480	
55	66.85	12.37	7.24	2.10	-68.00	0.05	5.23	480	1.000
60	66.85	12.32	7.24	2.10	-70.00	0.05	4.35	480	
65	66.85	12.47	7.23	2.10	-67.90	0.04	4.32	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:03 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0256-04 **Sample Time:** 1425

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** **Well ID:** SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: NA | Date: 5/13/15
Project #: 1163.61104 | Pump/Controller ID#: NA | Weather: 55°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 27.10 ft. bmp
Depth to Water*: 24.00 ft.
Length of Water Column: 3.10 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 0.5 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____
Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Well does not have enough water to collect sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____
Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: NA | Date: 5-13-15

Project #: 1163.61104 | Pump/Controller ID#: NA | Weather:

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 35.00 ft. bmp

Depth to Water*: 26.34 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: 1.41 gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
☆	well does not produce enough water.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-13-15
Project #: 1163.61104 | Pump/Controller ID#: FA00771 / FA00796 | Weather: ~82°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.59 ft. bmp
Depth to Water*: 10.75 ft.
Length of Water Column: 3.84 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1039
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.92	11.99	9.37	16.97	42.00	4.23	1.69	360	1.007
10	10.92	12.01	9.89	16.69	40.60	4.17	1.19	360	
15	10.92	12.12	10.18	15.99	40.40	4.18	1.96	360	
20	10.92	12.13	10.37	15.49	40.00	4.28	1.94	360	
25	10.92	12.11	10.53	15.07	39.70	4.36	1.10	360	
30	10.92	12.33	10.59	14.62	39.40	4.39	1.15	360	
35	10.92	12.58	10.69	14.45	39.30	4.32	1.09	360	
40	10.90	12.38	10.76	14.26	39.40	4.28	0.93	360	
45	10.90	12.75	10.81	14.24	39.00	4.25	1.74	360	
50	10.90	12.59	10.85	13.95	39.10	4.22	1.37	360	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1132 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB912-0254-01 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05R

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-11-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504/FA01817 | Weather: Sun, Humid, 85°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 158.80 ft. bmp
Depth to Water*: 24.78 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:43
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	47.98	12.33	5.95	200.18	-54.10	0.08	19.72	480	1.122
10	47.88	13.50	6.11	200.18	-51.50	0.08	10.53	480	
15	47.80	13.47	6.11	200.18	-49.00	0.08	8.38	480	
20	47.17	13.75	6.11	200.18	-49.40	0.07	5.03	480	1.128
25	46.72	13.74	6.12	200.84	-49.40	0.06	3.31	480	
30	46.47	14.01	6.12	200.84	-49.30	0.06	1.81	480	
35	46.00	14.20	6.12	200.84	-48.80	0.06	0.83	480	1.130
40	45.41	14.09	6.15	198.98	-47.80	0.05	0.62	480	
45	45.05	13.75	6.16	198.98	-46.70	0.05	0.61	480	
50	45.20	13.74	6.16	198.98	-46.40	0.05	0.83	480	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:33 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.130
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0254-02 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01394
Other:			

Notes: ★ Purged 5 Gallons.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/11/15
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 70s partly Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 121.60 ft. bmp
Depth to Water*: 15.96 ft.
Length of Water Column: 105.64 ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: 17.22 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1133
Initial Observations: Color: clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm))	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.01	14.26	7.95	137.3	10.9	0.14	18.4	300	1.006
10	16.01	14.11	7.62	132.3	5.9	0.09	9.69	300	
15	16.01	13.88	7.46	130.7	19.7	0.06	6.71	300	
20	16.01	13.87	7.32	129.1	24.7	0.06	1.95	300	
25	16.00	13.85	7.28	127.9	27.6	0.05	2.02	300	
~~30~~ TBP	~~16.00~~	~~13.85~~	~~7.28~~	~~127.9~~	~~27.6~~	~~0.05~~	~~3.46~~	~~300~~	
30	15.98	13.97	7.24	127.6	29.6	0.05	3.46	300	
35 Did Not Record	16.00	13.95	7.23	129.8	31.2	0.04	1.92	300	
40	16.00	14.85	7.07	129.5	30.4	0.05	3.70	300	
45	16.00	15.02	7.05	130.3	30.8	0.05	3.16	300	
50	16.00	15.40	6.94	131.0	29.5	0.08	2.12	300	
55	16.00	13.66	7.31	126.7	34.4	0.05	6.06	300	
60	16.06	13.87	7.20	127.7	37.5	0.03	5.91	340	1.074
65	16.00	14.18	7.08	127.5	36.5	0.03	2.19	340	
70	16.00	14.79	6.98	128.6	36.5	0.04	2.46	300	
75	15.96	14.81	7.01	129.6	36.1	0.04	2.11	210	
80	15.98	14.59	7.15	127.9	35.9	0.03	1.81	260	
85	16	14.32	7.20	128.2	36.3	0.02	2.71	340	
90	15.98	14.7	7.12	129.5	35.0	0.02	3.67	340	
95	15.98	14.65	7.23	127.7	36.2	0.02	1.94		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1327 Total volume of groundwater purged: 9.5 gallon(s). *Specific Gravity:* 1.076
Final Observations: Color: Clear Odor: N Sheen/Free Product: N

Sample ID: SB915-0254-03 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: ____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5.11.15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
100	16.00	14.83	7.25	128.7	36.2	0.02	2.55	340	
105	16.00	14.61	7.30	132.3	36.3	0.02	1.74	340	
110	15.98	15.00	7.27	131.4	36.4	0.02	1.99	340	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-12-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134 / FA00635 | Weather: Sun + clouds, 70°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 62.22 ft. bmp
Depth to Water*: 17.78 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
[X] 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other: ____

Start Purge Time: 10:30
Initial Observations: Color: light brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.80	13.65	7.37	92.20	-32.50	0.08	70.1	480	1.048
10	17.80	13.34	7.31	93.00	-34.10	0.04	28.0	480	
15	17.80	13.38	7.20	92.50	-32.40	0.04	18.5	480	
20	17.80	13.47	7.12	92.90	-31.20	0.03	13.7	480	
25	17.80	13.52	7.07	92.80	-29.40	0.02	11.7	480	
30	17.80	13.56	7.05	92.60	-28.40	0.02	9.00	480	1.048
35	17.80	13.52	7.04	93.00	-27.00	0.02	6.74	480	
40	17.80	13.43	7.04	93.20	-25.90	0.01	5.79	480	
45	17.80	13.49	7.02	93.20	-24.90	0.01	4.57	480	
50	17.80	13.61	7.00	92.60	-24.20	0.01	4.64	480	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.046
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-025S-01 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | **Well ID:** SB915-MW-705

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: GrundFos | Date: 5-12-15
Project #: 1163.61104 | Pump/Controller ID#: FA01989/FA00635 | Weather: Sun, 75°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.70 ft. bmp
Depth to Water*: 16.91 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:58
Initial Observations: *Color:* light tan *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.88	14.67	7.84	24.70	-31.20	0.07	1414 AU	480	1.010
10	16.88	14.24	7.88	25.10	-30.20	0.05	178 NTU	480	
15	16.87	14.10	7.85	25.20	-29.30	0.04	59.9	480	
20	16.87	14.09	7.82	25.30	-28.90	0.03	32.4	480	
25	16.87	13.93	7.83	25.40	-28.20	0.03	19.5	480	1.010
30	16.86	14.10	7.78	25.40	-27.90	0.03	15.9	480	
35	16.86	14.06	7.78	25.40	-27.70	0.03	12.8	480	
40	16.86	14.35	7.77	25.30	-27.50	0.02	15.4	480	
45	16.86	14.30	7.80	25.40	-27.40	0.02	16.5	480	1.010
50	16.86	14.06	7.83	25.40	-27.10	0.02	11.57	480	
55	16.86	14.16	7.82	25.40	-27.10	0.02	11.38	480	
60	16.86	14.11	7.84	25.38	-27.00	0.02	11.9	480	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:00 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0255-02 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/21/15
Project #: 1163.61104 | Pump/Controller ID#: FA00504 | Weather: 70's Partly Cloudy

Well Information:
Installed Depth of Well*: 20.63 ft. bmp
Measured Depth of Well*: ~~4.21~~ ft. bmp
Depth to Water*: 4.21 ft.
Length of Water Column: 16.42 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 2.68 gal.
Pump Intake Depth*: _____ ft. bmp

**** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:04
Initial Observations: Color: Slightly cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.57	14.78	6.85	44.66	-10.4	0.73	100.1	130	
10	6.3	14.51	6.77	42.86	-4.6	0.57	118	130	
15	~~7.21~~	14.65	6.70	41.89	1.10	0.76			1.020
20	7.21	15.86	6.62	42.13	-0.6	0.80	61.7	170	
25	7.41	15.76	6.60	40.7	1.70	1.08	32	170	
30	7.419	15.01	6.57	42.06	2.20	1.13	30.1	170	
35	7.51	14.69	6.55	42.59	2.90	1.13	14.9	160	
40	7.7	14.38	6.55	42.85	3.80	1.06	13.9	140	
45	7.68	14.23	6.53	44.08	4.00	0.95	12.4	140	
50	7.68	14.34	6.53	44.37	4.40	0.87	11.3	140	
55	7.67	14.3	6.51	44.64	4.04	0.80	8.25	140	
60	7.66	14.32	6.50	44.98	5.60	0.72	7.66	140	1.02
65	7.67	14.32	6.5	45.22	5.9	0.66	11.1	140	
70	7.66	14.25	6.5	45.72	6.60	0.59	11.4	140	
75	7.68	14.39	6.49	45.78	6.10	0.54	5.17	140	
80	7.69	14.52	6.94	45.88	7.5	0.49	4.93	140	
85	7.68	14.61	6.48	46.3	8.10	0.45	4.95	140	
90	7.68	14.71	6.47	46.52	8.30	0.42	4.94	140	
95	7.67	14.84	6.47	56.30	8.9	0.39	5.93	140	
100	7.65	14.84	6.46	46.59	9.20	0.37	6.19	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:26 Total volume of groundwater purged: 6 gallon(s). Specific Gravity: 1.022
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0255-03 **Sample Time:** 1330

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 15 26
Turbidity Meter:	LaMotte	2020we	FA01349
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-Imw-025

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5/12/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	7.69	14.96	6.46	46.45	9.50	0.35	3.97	140	
110	7.68	15.30	6.45	46.61	9.4	0.34	5.21	140	
115	7.69	15.11	6.46	46.4	9.9	0.32	5.81	140	
120	7.68	15.11	6.46	46.65	10.00	0.30	5.31	140	
125	7.68	15.31	6.46	46.63	10.20	0.28	3.90	140	
130	7.68	15.32	6.45	46.66	10.10	0.26	5.03	140	
135	7.7	15.29	6.46	46.39	9.80	0.24	5.76	140	
140	7.69	15.11	6.46	46.46	11.10	0.24	4.18	140	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-UB-05M

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	5-12-15
Project #:	1163.61104	Pump/Controller ID#:	FA0636 / FA0817	Weather:	~70°F Cloudy/Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.57 ft. bmp
Depth to Water*: ~~19.37~~ 18.68 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1032

Initial Observations: Color: V. light brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.72	13.47	7.89	31.20	-323.90	1.66	28	500	1.018
10	18.72	13.12	8.01	36.00	-242.50	0.02	26.7	500	
15	18.72	13.05	7.45	35.70	-188.10	0.02	14.7	500	
20	18.72	13.06	7.10	35.70	-161.20	0.02	10.78	500	
25	18.72	13.02	6.97	35.80	-144.10	0.02	8.00	500	
30	18.72	12.99	6.89	35.80	-133.30	0.02	6.29	500	
35	18.72	13.02	6.83	35.80	-125.20	0.02	5.21	500	
40	18.72	12.94	6.80	35.88	-119.60	0.02	5.13	500	
45	18.72	13.03	6.76	36.00	-114.80	0.02	5.18	500	
50	18.72	13.13	6.74	35.70	-111.50	0.02	6.00	500	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.016

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0255-05 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 4/5/12/15
Project #: 1163.61104 | Pump/Controller ID#: FA0135 / FA01817 | Weather: ~70°F Sun/Clouds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.83 ft. bmp
Depth to Water*: 11.36 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1221
Initial Observations: *Color:* Med Brown *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~11.36~~	13.22	7.07	20.80	-100.60	0.09	173	500	1.011
10	11.36	12.97	7.00	21.30	-100.50	0.03	110	500	
15	~~12.97~~ 11.36	12.85	6.98	21.30	-100.60	0.03	81.8	500	
20	11.36	12.88	6.97	21.30	-100.00	0.03	32.3	500	
25	11.36	12.70	6.95	21.30	-99.50	0.01	12.3	500	
30	11.36	12.70	6.94	21.30	-99.00	0.01	11.04	500	
35	11.36	12.70	6.94	21.20	-98.70	0.00	7.50	500	
40	11.36	12.92	6.93	21.30	-98.50	0.00	4.32	500	
45	11.36	13.01	6.92	21.10	-98.50	0.00	3.30	500	
50	11.36	12.84	6.91	21.10	-98.40	0.00	3.19	500	
55	11.36	12.95	6.91	21.10	-98.40	0.00	2.22	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1317 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0255-06 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-8-15
Project #: 1163.61104 | Pump/Controller ID#: FA00636 / FA00796 | Weather: ~85°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.41 ft. bmp
Depth to Water*: 3.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1120
Initial Observations: Color: V. light Brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.70	11.53	10.59	27.47	-61.90	0.25	21.3	500	1.011
10	3.73	11.34	10.90	28.49	-57.70	0.20	11.94	500	
15	3.73	11.22	11.08	28.85	-54.30	0.17	5.08	500	
20	3.73	11.20	11.20	29.08	-52.20	0.17	3.36	500	
25	3.73	11.14	11.28	29.11	-50.60	0.16	2.20	500	
30	3.73	11.11	11.34	29.16	-50.20	0.15	1.62	500	
35	3.73	11.09	11.39	29.18	-48.20	0.15	1.35	500	
40	3.73	11.11	11.43	29.20	-47.40	0.15	1.08	500	
45	3.73	11.07	11.46	29.22	-50.40	0.14	0.84	500	
50	3.73	11.10	11.49	29.13	-45.50	0.14	0.78	500	
55	3.73	11.00	11.51	29.22	-44.40	0.14	0.50	500	
60	3.73	11.03	11.53	29.13	-43.60	0.13	0.53	500	
65	3.73	11.05	11.54	29.10	-43.10	0.13	0.51	500	1.013
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1226 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.013
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0253-01 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-8-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504/FA00635 | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.42 ft. bmp
Depth to Water*: 16.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:20
Initial Observations: Color: dark grey Odor: some sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.78	14.52	7.76	39.79	-130.70	0.23	2792AV	300	1.022
10	19.30	14.83	7.97	40.28	-156.00	0.09	2385AV	300	
15	19.75	14.87	8.09	40.31	-164.00	0.06	3202AV	300	
20	20.24	15.13	8.11	39.39	-163.00	0.04	3047AV	300	
25	20.55	14.96	8.17	37.40	-155.10	0.04	2433AV	300	1.020
30	20.74	15.19	8.14	35.37	-146.60	0.04	1510AV	300	
35	20.96	15.04	8.14	33.81	-137.30	0.05	850AV	300	
40	21.11	15.15	8.13	32.14	-130.50	0.05	120MV	300	
45	21.26	15.01	8.13	31.09	-124.60	0.05	82.4	300	1.016
50	21.28	15.11	8.12	30.10	-120.80	0.05	50.5	300	
55	21.31	14.94	8.17	29.35	-116.60	0.05	49.4	300	
60	21.27	15.05	8.17	28.55	-113.40	0.05	33.8	300	
65	21.32	15.01	8.18	27.93	-110.60	0.05	26.6	300	1.016
70	21.39	15.05	8.19	27.56	-108.80	0.05	25.1	300	
75	21.39	14.97	8.23	26.85	-106.70	0.04	23.6	300	
80	21.39	15.06	8.22	26.38	-105.50	0.04	22.6	300	
85	21.41	15.15	8.23	25.87	-103.90	0.04	22.0	300	1.014
90	21.42	15.01	8.29	25.48	-102.20	0.04	19.8	300	
95	21.45	15.15	8.28	25.07	-101.30	0.04	20.7	300	
100	21.48	15.18	8.31	24.67	-100.40	0.03	19.2	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:15 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB91S-0253-02 **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-109I

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: CAH | Date: 5-8-15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	21.51	15.15	8.33	24.27	-99.60	0.03	18.0	300	1.013
110	21.52	15.15	8.36	23.89	-99.00	0.03	17.5	300	
115	21.53	15.15	8.38	23.77	-98.40	0.03	15.7	300	1.012

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	GrundFos	Date:	5-8-15
Project #:	1163.61104	Pump/Controller ID#:	FA00134 / FA01817	Weather:	

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.20 ft. bmp
Depth to Water*: 3.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☐ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1110

Initial Observations: Color: Slightly cloudy Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.2	10.99	6.47	3.75	-133.7	0.06	7.19	340	1.004
10	4.31	10.34	6.66	3.57	-135.2	0.01	9.16	340	
15	4.3	10.01	6.73	3.57	-134.3	0.01	5.10	330	
20	4.3	10.20	6.76	3.57	-133.1	0.01	26.1	330	
25	4.3	10.19	6.79	3.75	-131.9	-0.00	14.3	330	
30	4.3	10.24	6.80	3.75	-130.8	-0.00	9.53	330	
35	4.3	10.43	6.81	3.75	-130.1	-0.00	4.76	330	1.004
40	4.3	10.29	6.81	3.77	-128.8	-0.01	6.16	330	
45	4.3	10.21	6.82	3.75	-127.4	-0.02	5.31	330	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1159 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: Clear Odor: NONE Sheen/Free Product: NONE

Sample ID: SB915 0753-03 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	5-7-15
Project #:	1163.61104	Pump/Controller ID#:	FA00771 / FA00796	Weather:	80°F, Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 12.72 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:42

Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
☆ 5	42.88	13.64	6.63	180.62	64.90	0.28	37.2	400	1.116
10	42.83	13.88	6.67	180.95	47.80	0.19	47.7	340	
15	42.79	14.02	6.73	181.15	37.40	0.17	34.2	300	
20	42.75	14.47	6.74	180.89	34.10	0.17	27.3	300	1.114
25	–	14.40	6.81	189.69	34.70	0.18	20.9	300	
† 30	–	15.91	6.38	185.83	34.20	1.00	18.7	300	
35	–	15.67	6.71	179.71	53.20	0.29	16.8	300	1.114
40	–	14.62	6.93	181.17	51.60	0.20	64.7	300	
45	–	14.50	7.02	179.83	53.10	0.16	54.8	300	
50	–	14.46	7.00	180.98	55.60	0.17	36.6	280	1.114
55	–	14.56	6.97	181.19	56.70	0.17	22.6	280	
60	–	14.65	7.00	180.13	63.50	0.17	21.6	280	
65	–	14.61	7.01	180.27	47.00	0.20	15.8	300	1.114
70	–	14.68	7.01	180.14	45.90	0.23	14.9	300	
75	–	14.92	7.00	179.88	45.30	0.21	15.1	300	
80	–	14.78	7.13	179.25	45.10	0.21	15.8	300	1.114
85	–	14.74	7.17	180.57	44.10	0.21	15.2	300	
90	–	15.10	7.21	178.61	43.30	0.21	16.4	300	1.114
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:13 Total volume of groundwater purged: 18 gallon(s). *Specific Gravity:* 1.114

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0252-07 **Sample Time:** 14:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ☆ Purged 10 Gallons.
- Water meter is not working well. Tried two water meters. Due to SpCond.
† Pulled Pump + tubing to re-tape bent tubing ~40ft down.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-7-15
Project #: 1163.61104 | Pump/Controller ID#: FA00636/FA00796 | Weather: Sun, 70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 66.13 ft. bmp
Depth to Water*: 8.41 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:22
Initial Observations: Color: Brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.41	11.55	7.35	86.24	-0.40	0.16	3577AU	480	1.046
10	8.41	11.62	7.48	87.16	-16.70	0.11	110NTU	480	
15	8.41	11.87	7.47	87.25	-22.60	0.09	75.1	480	
20	8.41	12.01	7.47	86.94	-24.70	0.09	26.8	480	1.044
25	8.41	12.02	7.52	86.75	-25.70	0.08	22.5	480	
30	8.41	12.01	7.57	87.05	-26.20	0.07	14.6	480	
35	8.41	12.05	7.60	87.47	-26.60	0.07	11.9	480	1.044
40	8.41	12.15	7.61	87.24	-26.70	0.06	9.69	480	
45	8.41	12.04	7.65	87.06	-27.60	0.06	24.5	480	
50	8.41	12.14	7.66	86.94	-27.30	0.05	11.30	480	1.044
55	8.41	12.19	7.67	86.95	-27.30	0.05	7.39	480	
60	8.41	12.13	7.69	86.73	-27.30	0.05	5.68	480	
65	8.41	12.15	7.70	87.00	-27.20	0.05	6.04	480	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:27 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0252-01,02,03 (MS,MSD) **Sample Time:** 11:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: # cleaned tubing.

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-1115

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grund Fos | Date: 7/05 Sunny
Project #: 1163.61104 | Pump/Controller ID#: FA0504 / FA0635 | Weather: 5/7/15

Well Information:
Installed Depth of Well*: 9.25 ft. bmp
Measured Depth of Well*: 24.40 ft. bmp
Depth to Water*: 8.17 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 9:37
Initial Observations: Color: slightly cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.05	12.73	5.83	64.19	-82.9	0.05	20.9	480	1.034
10	9.07	13.12	5.91	65.2	-89.5	0.00	71.2	440	
15	9.05	12.92	6.06	53.35	-98.4	-0.01	77.3	440	
20	9.1	12.97	6.17	53.35	-105.6	-0.01	58.8	440	
25	9.12	12.94	6.24	40.82	-110.2	-0.01	45.6	440	
30	9.12	12.83	6.32	40.82	-114.3	-0.01	35	500	
35	9.12	12.83	6.36	40.82	-116.10	-0.01	28.9	500	1.016
40	9.11	12.83	6.38	40.82	-116.9	-0.01	20.2	500	
45	9.1	IPOD	over	Heated			16.8	500	
50	9.08	12.97	6.43	26.75	-122.0	-0.02	13.3	500	
55	9.03	13.07	6.43	26.75	-120.0	-0.02	11.17	500	
60	9.01	12.96	6.43	26.75	-120.5	-0.02	10.56	500	
65	8.98	13.04	6.44	24.90	-119.7	-0.02	10.94	500	1.012
65	8.98	13.02	6.45	24.9	-119.9	-0.02	8.52	500	
70	8.95	13.05	6.46	24.9	-120.0	-0.02	8.17	500	
75	8.95	12.92	6.46	24.9	-120.0	-0.02	7.77	500	
80	8.95	12.94	6.46	23.54	-120.1	-0.02	9.25	500	
85	8.91	12.96	6.47	23.7	-120.4	-0.02	7.25	500	
90	8.9	13.2	6.48	23.7	-120.9	-0.02	6.33	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

1016

End Purge Time: 11:07 Total volume of groundwater purged: 13 gallon(s). Specific Gravity: 1.010
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0282-04 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0127
Turbidity Meter:	LaMotte	2020we	FA0215
Other:			

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-7-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134 / FA01817 | Weather: ~70°F Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 99.02 ft. bmp
Depth to Water*: 8.10 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0952
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.20	12.56	6.35	88.82	31.50	1.69	937	500	1.030
10	8.21	12.29	6.18	129.82	-2.60	0.28	647	500	
15	8.21	12.65	6.21	130.05	-10.20	0.21	94	500	
20	8.20	12.80	6.24	129.12	-12.00	0.19	80.5	500	
25	8.20	12.93	6.26	129.70	-11.00	0.16	27.6	500	
30	8.20	12.94	6.27	129.44	-10.20	0.16	21.9	500	
35	8.20	12.95	6.27	128.04	-9.30	0.15	23.0	500	
40	8.20	13.01	6.28	127.80	-8.80	0.14	10.33	500	
45	8.20	13.10	6.27	127.55	-7.30	0.14	10.80	500	
50	8.20	13.10	6.28	127.55	-6.10	0.13	6.90	500	
55	8.20	13.11	6.27	126.50	-5.30	0.13	5.30	500	
60	8.20	13.11	6.27	128.05	-4.50	0.12	3.88	500	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1054 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0252-0605, 06(FD) **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01394
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-7-15
Project #: 1163.61104 | Pump/Controller ID#: FA01989/FA06817 | Weather: ~80°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.25 ft. bmp
Depth to Water*: 12.87 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1223
Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.42	13.07	9.52	9.07	21.20	3.03	11.4	180	1.004
10	14.63	14.17	9.56	9.42	30.40	3.15	8.33	150	
15	14.80	15.11	9.58	9.40	34.30	3.19	7.98	150	
20	14.85	15.11	9.70	9.38	32.80	2.93	4.88	150	
25	14.90	15.18	9.76	9.70	35.00	2.48	4.21	150	
30	14.96	15.65	9.76	9.88	37.60	2.12	5.10	150	
35	15.03	15.65	9.75	10.12	39.46	1.94	3.60	150	
40	15.20	15.97	9.72	10.02	40.50	1.78	6.12	150	
45	15.25	15.47	9.69	10.12	42.40	1.69	5.56	150	
50	15.44	15.21	9.71	9.92	41.70	1.71	4.97	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1315 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0252-08 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/7/15
Project #: 1163.61104 | Pump/Controller ID#: FA0087 FA00635 | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.54 ft. bmp
Depth to Water*: 16.33 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1225

Initial Observations: Color: Slight/y Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.3	14.3	6.35	82.89	-25.7	0.60	971	440	1.026
10	16.33	14.43	6.24	82.82	-22.0	0.65	682	440	
15	16.32	14.53	6.20	82.72	-20.1	0.56	111	440	
20	16.32	14.29	6.13	82.72	-18.3	0.56	78.5	440	
25	16.34	14.73	6.10	81.3	-17.4	0.31	53.6	480	
30	16.33	14.01	6.09	81.36	-15.3	0.30	26.5	480	
35	16.35	14.15	6.07	81.36	-14.4	0.30	19.0	480	
40	16.36	14.56	6.06	80.68	-14.0	0.14	14.9	480	1.040
45	16.36	14.46	6.05	80.68	-13.5	0.14	12.5	480	
50	16.37	13.9	6.04	80.68	-12.5	0.14	10.46	480	
55	16.33	13.84	6.04	80.68	-12.10	0.14	11.2	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1322 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.042

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0252-09 **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0827
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-IMW-055

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: GrundFos | Date: 5/6/15
Project #: 1163.61104 | Pump/Controller ID#: FA0171 / FA018/7 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 4.3 ft.
Length of Water Column: 13.81 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: 2.25 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 911
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.94	10.57	10.82	20.35	-166.5	0.02	39.5	360	1.010
10	4.95	10.62	11.16	21.12	-166.3	-0.00	11.6	360	
15	4.95	10.74	11.24	21.08	-165.7	-0.01	6.29	360	
20	4.96	10.85	11.31	21.08	-164.2	-0.01	4.61	360	
25	4.93	10.89	11.40	21.08	-159.5	-0.01	3.9	360	
30	4.93	10.90	11.45	21.08	-157.7	-0.01	5.08	360	
35	5.00	10.83	11.50	20.74	-155.6	-0.01	4.23	360	
40	5.00	10.86	11.55	20.65	-155.9	-0.02	3.13	360	
45	5.03	10.81	11.58	20.65	-157.1	-0.02	2.29	360	
50	5.04	10.82	11.61	20.65	-157.9	-0.02	1.94	360	
55	5.04	10.76	11.64	20.48	-158.8	-0.03	2.1	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1007 Total volume of groundwater purged: 7 gallon(s). Specific Gravity: 1.010
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0251-01 **Sample Time:** 1030

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-065

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grund Fos | Date: 5/6/15
Project #: 1163.61104 | Pump/Controller ID#: FA 00134 / FA01817 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.8 ft.
Length of Water Column: 11.5 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: 1.88 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1115
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.25	12.03	11.92	15.25	-128.3	0.01	6.92	340	1.006
10	4.25	11.92	11.92	15.25	-127.0	0.01	6.58	340	
15	4.25	11.82	12.02	16.91	-125.4	0.03	6.50	340	
20	4.25	11.83	12.03	16.96	-125.3	0.03	4.17	340	
25	4.25	11.7	12.04	17.3	-124.0	0.02	2.77	340	
30	4.25	11.58	12.06	17.47	-124.2	0.01	1.5	340	
35	4.27	11.5	12.06	17.6	-124.1	0.00	1.17	340	
40	4.28	11.56	12.07	17.6	-123.6	0.00	0.86	340	
45	4.29	11.5	12.07	17.67	-123.5	-0.01	0.75	340	
50	4.29	11.41	12.08	17.68	-123.1	-0.01	0.87	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:07 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-025I-02 **Sample Time:** 12 40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01389
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grund Fos | Date: 5-6-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504/FA00796 | Weather: Sun, 70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 114.59 ft. bmp
Depth to Water*: 14.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:00
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	67.16	13.56	6.80	177.87	32.60	0.72	10.63	320	1.098
10	67.46	13.57	6.81	180.61	13.20	0.60	11.26	240	
15	67.50	14.18	6.84	180.37	4.10	0.49	11.35	240	
20	67.53	14.47	6.86	180.55	2.80	0.43	10.27	240	1.104
25	67.57	14.47	6.88	180.61	1.30	0.37	10.65	240	
30	67.79	14.61	6.90	181.89	0.90	0.31	9.15	220	
35	67.84	14.77	6.91	181.38	2.00	0.28	7.34	220	1.106
40	67.85	14.92	6.92	181.21	2.40	0.26	5.96	200	
45	67.80	14.94	6.92	181.28	3.10	0.23	5.88	220	
50	67.83	14.97	6.90	181.02	3.00	0.21	4.96	220	
55	67.83	15.14	6.90	181.12	3.00	0.20	3.58	220	1.106
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.106
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0251-03 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA02122
Turbidity Meter:	LaMotte	2020we	FA01138
Other:			

Notes: ★ Purged ~~5 gallons~~ 10 gallons.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104

Sampling Method: Low flow
Pump Type Used: Grundfos
Pump/Controller ID#: FA00135/FA00796

Field Personnel: CAH
Date: 5-6-15
Weather: Sun, 75°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.88 ft. bmp
Depth to Water*: 9.00 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:09

Initial Observations: Color: Yellow Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (circle units) mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.95	14.35	7.47	24.22	-0.90	0.04	175	420	1.012
10	8.97	13.81	7.16	24.45	5.50	0.02	62.7	480	
15	9.04	13.74	6.99	24.53	7.70	0.01	26.3	480	
20	9.05	13.61	6.90	24.58	9.30	0.01	11.04	480	
25	9.07	13.61	6.84	24.66	10.10	0.01	5.42	480	1.010
30	9.08	13.70	6.81	24.62	10.60	0.01	3.34	480	
35	8.95	13.61	6.78	24.61	11.20	0.00	2.58	480	
40	8.97	13.70	6.77	24.57	11.50	0.00	2.13	480	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0251-04 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-015

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/6/15
Project #: 1163.61104 | Pump/Controller ID#: 1989 / 635 | Weather: Sunny ~70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.65 ft. bmp
Depth to Water*: 7.33 ft.
Length of Water Column: 12.72 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0903
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.62	12.10	6.73	30.92	24.30	6.74	77.3	180	1.014
10	7.72	12.38	6.59	31.06	23.40	0.58	74.2	120	
15	7.92	13.12	6.49	30.96	25.40	0.41	72.7	170	
20	8.01	13.30	6.45	30.96	27.00	6.40	72.1	140	
25	8.08	13.63	6.42	30.92	27.90	6.39	65.5	110	
30	8.20	13.95	6.41	30.39	30.40	0.31	71.0	160	
35	8.29	14.03	6.41	30.03	31.90	0.32	61.7	120	
40	8.41	14.25	6.40	30.05	32.20	6.36	—	100	
45	8.67	14.21	6.41	30.09	33.30	0.40	29.6	180	
50	8.71	14.02	6.41	30.12	34.60	0.41	23.1	110	
55	8.75	13.89	6.42	29.92	36.30	0.44	17.6	130	
60	8.90	14.02	6.42	29.78	37.40	6.45	19.2	160	
65	8.99	14.07	6.42	29.84	38.20	6.48	15.5	180	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1009 Total volume of groundwater purged: 2 1/2 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0751-05 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	1326
Turbidity Meter:	LaMotte	2020we	2115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: KJK
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/6/15
Project #: 1163.61104 | Pump/Controller ID#: 636 / 635 | Weather: Sunny ~75°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 9.98 ft.
Length of Water Column: 69.66 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1126
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.01	13.88	7.12	87.12	-58.00	0.40	11.5	430	1.040
10	10.03	13.77	6.84	88.87	-25.40	0.24	9.64	430	
15	10.03	13.71	6.65	87.56	-15.20	0.20	7.23	430	
20	10.03	13.77	6.53	87.94	-10.00	0.18	5.85	430	
25	10.03	13.73	6.47	88.11	-6.70	0.16	4.40	430	
30	10.03	13.80	6.42	87.73	-4.80	0.15	2.87	430	
35	10.03	13.80	6.42	87.73	-4.80	0.15	1.79	430	
40	10.03	13.89	6.36	88.12	-0.90	0.14	0.96	430	
45	10.03	13.84	6.34	88.18	+0.80	~~0.14~~ (cc) 0.13	0.87	430	
50	10.03	13.85	6.34	87.43	1.60	0.13	0.75	430	1.044
~~55~~ (cc)									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1218 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0251-06 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	1326
Turbidity Meter:	LaMotte	2020we	2115
Other:			

Notes: ____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-1-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134/FA01817 | Weather: Sun, 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.10 ft. bmp
Depth to Water*: 21.33 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:39
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.92	14.11	10.68	58.59	-135.60	0.09	11.5	460	1.026
10	22.94	14.92	10.64	58.20	-135.50	0.06	22.5	440	
15	23.27	15.10	10.92	55.44	-136.00	0.06	17.14	460	
20	23.40	14.56	10.94	56.66	-136.00	0.06	14.3	460	
25	23.53	14.71	10.94	58.44	-136.30	0.05	9.34	480	1.028
30	23.61	14.70	10.96	60.38	-137.30	0.04	5.59	480	
35	23.62	14.52	10.96	62.40	-140.40	0.04	4.20	480	
40	23.60	14.65	10.97	63.36	-138.90	0.03	1.47	460	
45	23.62	14.61	10.98	64.57	-139.90	0.03	1.76	460	
50	23.62	14.74	10.99	65.17	-140.90	0.02	2.30	460	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:31 Total volume of groundwater purged: 7 gallon(s). Specific Gravity: 1.030
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0248-01 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104

Sampling Method: Low flow
Pump Type Used: Grund Fos
Pump/Controller ID#: FA01489/FA01817

Field Personnel: CAH
Date: 5-1-15
Weather: Sun + Clouds, 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.09 ft. bmp
Depth to Water*: 5.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:13
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.85	11.29	11.49	8.84	10.10	4.11	1.35	480	1.002
10	5.86	10.85	11.67	9.02	14.90	3.65	0.30	490	
15	5.86	10.90	11.76	9.04	16.70	3.55	0.04	490	
20	5.86	10.81	11.80	9.07	17.20	3.51	0.18	490	
25	5.86	10.82	11.84	9.07	19.40	3.47	0.00	490	
30	5.86	10.91	11.86	9.07	19.90	3.46	0.09	490	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0248-02 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01135
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: Flow was ~200 last Quarter.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-1-15
Project #: 1163.61104 | Pump/Controller ID#: FA00135 / FA00635 | Weather: ~60°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 29.55 ft.
Length of Water Column: 35.96 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1037
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.70	13.52	11.08	52.84	-185.30	2.42	109.4	210	1.022
10	32.50	13.70	11.39	54.18	-197.00	0.85	51.7	200	
15	33.40	14.29	11.50	54.37	-198.20	0.55	34.5	200	
20	33.67	15.06	11.55	53.55	-196.00	0.54	22.3	200	
25	34.12	15.32	11.59	51.59	-188.80	0.73	15.1	200	
30	34.45	15.49	11.63	49.53	-179.30	1.14	13.1	200	
35	34.95	15.55	11.65	47.85	-173.80	1.50	9.10	200	
40	35.06	15.62	11.67	47.62	-173.80	1.68	9.20	200	
45	35.31	15.20	11.68	48.53	-174.80	1.80	7.50	200	
50	35.56	15.13	11.68	49.54	-176.60	1.83	6.96	200	
55	35.75	15.34	11.68	50.57	-180.20	1.79	6.36	200	
60	35.83	15.73	11.67	51.94	-184.30	1.69	4.28	200	
65	36.05	15.65	11.67	53.16	-186.80	1.61	5.51	200	
70	36.15	15.53	11.67	54.38	-189.90	1.55	5.76	200	
75	36.20	15.58	11.67	55.75	-192.80	1.42	5.88	200	
80	36.35	15.42	11.67	57.35	-195.60	1.34	3.06	200	
85	36.43	15.80	11.66	58.54	-199.00	1.23	3.07	200	
90	36.40	15.69	11.65	59.70	-200.80	1.16	2.50	200	
95	36.55	15.73	11.65	61.24	-204.00	1.08	4.43	200	
100	36.65	15.83	11.64	62.00	-206.60	1.02	2.37	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1247 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0248-03 **Sample Time:** 1310

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JWB | Date: 5.1.15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	36.70	~~15.82~~ 11.64 (SB)	11.64	63.23	-208.60	0.98	2.15	200	
110	36.79	15.96	11.63	64.43	-210.00	0.95	2.39	200	
115	36.90	15.79	11.63	65.24	-211.60	0.89	1.95	200	
120	37.10	15.89	11.62	66.13	-214.00	0.82	6.69	200	
125	37.16	16.28	11.62	66.57	-219.20	0.80	2.14	200	
130	37.23	16.69	11.62	66.95	-214.70	0.79	1.35	200	1.032

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-5-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504 / FA00635 | Weather: ~70°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.57 ft. bmp
Depth to Water*: 4.85 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☒ Other: Ground Surface *

Start Purge Time: 1237
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.72	12.15	6.97	38.55	8.40	0.47	OB ~~8.47~~ 28.5	300	1.020
10	7.60	12.59	6.66	38.67	16.50	0.44	34.2	300	
15	8.70	12.47	6.50	38.78	22.90	0.39	29.4	300	
20	9.20	13.04	6.40	38.54	27.50	0.47	34.4	300	
25	9.80	12.84	6.35	38.81	29.50	0.53	30.7	300	
30	10.00	13.20	6.32	38.94	30.10	0.68	38.9	250	
35	10.15	13.59	6.30	38.56	29.70	0.76	35.4	250	
40	10.50	13.69	6.29	38.24	29.00	0.69	29.6	250	
45	10.50	13.90	6.29	38.14	26.90	0.56	17.9	250	
50	10.50	14.20	6.29	37.96	22.90	0.38	11.5	250	
55	10.50	14.37	6.29	37.52	18.90	0.25	7.17	250	
60	10.60	14.59	6.31	36.86	13.80	0.17	5.07	280	
65	10.75	13.94	6.32	36.58	10.90	0.12	3.29	280	
70	10.75	~~13.99~~ 14.11	6.34	35.9	~~5~~.40	0.13	2.27	280	
75	10.75	14.11	6.34	35.77	4.10	0.13	1.77	280	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0750-02 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01391
Other:			

Notes: * Protective casing & PVC Broken at grade.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/5/15
Project #: 1163.61104 | Pump/Controller ID#: FA00771 / FA015/7 | Weather: 70's Sunny cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 36.38 ft. bmp
Depth to Water*: 7.11 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☐ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1219
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.15	13.12	6.76	13.09	-81.8	0.08	37.6	360	1.008
10	7.17	13.02	6.75	13.15	-77.5	0.07	34.7	360	
15	7.16	12.88	6.75	13.15	-74.0	0.07	30.1	360	
20	7.15	12.82	6.68	13.40	-71.0	0.01	18.5	360	
25	7.15	12.92	6.65	13.40	-69.1	0.01	15.3	360	
30	7.15	12.92	6.64	13.4	-67.4	0.01	9.85	360	
35	7.15	12.60	6.63	13.5	-66.4	0.00	8.43	360	
40	7.15	12.92	6.62	13.5	-65.4	0.00	6.64	360	
45	7.15	12.92	6.62	13.43	-64.6	0.00	17.9 [illegible]	360	
50	7.15	12.56	6.61	13.45	-63.5	-0.01	3.92	360	
55	7.15	12.97	6.61	13.49	-63.1	-0.01	3.45	360	
60	7.15	12.88	6.60	13.45	-62.3	-0.01	2.51	360	
65	7.15	12.93	6.60	13.43	-61.7	-0.01	2.43	360	
70	7.15	12.93	6.60	13.44	-61.5	-0.01	2.41	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0250-03 **Sample Time:** 1355

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1327
Turbidity Meter:	LaMotte	2020we	FA 02122
Other:			

Notes: ____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-1165

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/6/15
Project #: 1163.61104 | Pump/Controller ID#: FA00135 | Weather: 60 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.06 ft. bmp
Depth to Water*: 5.20 ft.
Length of Water Column: 14.86 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 2.42 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:07
Initial Observations: Color: Brownish Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.58	13.04	6.96	4.23	8.00	0.80	2643	220	1.004
10	6.6	12.01	6.96	4.23	38.3	0.80	3358	220	
15	6.32	11.89	6.96	4.23	43.8	0.80	3112	260	
20	6.29	11.91	6.80	4.23	50.2	0.80	1298	260	
25	6.25	12.28	6.80	2.12	50.5	0.88	193	260	
30	6.25	12.44	6.81	2.12	51.8	0.88	111	260	1.000
35	6.41	12.14	6.81	2.12	53.2	0.88	49.2	260	
40	6.35	12.50	6.83	1.85	53.3	1.66	27.8	260	
45	6.43	12.19	6.81	1.85	54.5	1.66	23.0	260	
50	6.45	12.16	6.82	1.77	54.2	1.66	19.3	260	
55	6.44	12.34	6.83	1.71	54.1	1.84	16.3	260	
60	6.3	12.25	6.82	1.67	54.7	1.85	11.7	260	
65	6.41	12.47	6.83	1.63	53.0	1.82	13.1	260	
70	6.4	12.57	6.81	1.56	53.7	1.88	10.67	260	
75	6.37	12.65	6.84	1.48	53.1	1.95	9.42	260	
80	6.41	12.44	6.83	1.49	52.8	1.93	8.11	260	
85	6.42	12.51	6.84	1.43	52.00	1.95	6.5	260	
90	6.41	12.56	6.82	1.40	51.7	1.99	6.69	260	
95	6.4	12.59	6.81	1.39	51.5	1.99	5.91	260	
100	6.4	12.71	6.82	1.34	50.6	1.98	4.44	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1114 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0250-04 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-1165

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5/6/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	6.41	12.97	6.83	1.28	49.2	2.00	3.95	260	
110	6.38	12.83	6.82	1.28	49.7	2.03	3.76	260	
115	6.38	12.83	6.83	1.25	48.8	2.03	3.88	260	
120	6.37	12.88	6.80	1.28	50.0	2.04	2.41	260	
125	6.36	13.20	6.83	1.25	48.2	2.03	2.92	260	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW/B
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5-5-15
Project #: 1163.61104 | Pump/Controller ID#: FA00134 / FA00635 | Weather: ~65°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.92 ft. bmp
Depth to Water*: 8.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 0940
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.19	12.07	7.15	32.76	-39.30	0.43	958	470	1.014
10	9.22	12.20	6.99	33.28	-30.00	0.27	1006	470	
15	9.19	12.29	6.86	34.98	-24.20	0.25	1331	300	
20	9.19	12.23	6.66	43.99	-22.60	0.23	1036	300	
25	9.10	12.40	6.60	51.38	-21.40	0.24	644	300	
30	9.16	12.50	6.61	54.55	-21.00	0.22	131	300	
35	9.16	12.56	6.61	55.92	-18.50	0.21	85.0	300	
40	9.16	12.88	6.62	56.59	-17.60	0.19	45.8	300	
45	9.16	13.01	6.62	57.63	-17.10	0.19	32.6	300	
50	9.15	13.21	6.63	57.64	-18.00	0.18	19.7	300	
55	9.15	13.43	6.62	57.98	-17.00	0.17	12.1	300	
60	9.15	13.40	6.63	58.27	-16.80	0.17	12.2	300	
65	9.14	13.43	6.63	58.22	-16.30	0.16	8.36	300	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1045 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.028
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0250-05 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01349
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: GrundFos | Date: 5-5-15
Project #: 1163.61104 | Pump/Controller ID#: FA00636/FA~~01138~~0796 | Weather: Sun, 70°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 18.34 ft. bmp
Depth to Water*: 10.31 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
[X] 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other: ____

Start Purge Time: 12:34
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm, mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.87	12.65	7.69	1.34	61.20	1.60	13.8	280	1.000
10	11.09	12.46	7.46	1.37	59.90	1.20	7.47	260	
15	11.52	12.54	7.31	1.40	57.60	0.94	5.12	280	
20	11.50	12.24	7.23	1.43	54.60	0.67	3.35	280	1.000
25	11.71	12.35	7.18	1.44	49.70	0.48	3.03	300	
30	12.01	12.49	7.13	1.46	45.40	0.38	1.96	300	
35	12.23	12.47	7.11	1.46	42.40	0.30	1.36	300	1.000
40	12.44	12.62	7.08	1.48	40.00	0.26	1.06	300	
45	12.71	12.61	7.07	1.48	38.20	0.24	0.89	280	
50	12.87	12.89	7.06	1.47	36.90	0.24	0.71	280	
55	13.08	13.15	7.05	1.47	36.60	0.24	0.69	280	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:30 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0250-06 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	5-5-15
Project #:	1163.61104	Pump/Controller ID#:	FA00771 / FA00796	Weather:	Sun, 65°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 24.70 ft. bmp
Depth to Water*: 8.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:12

Initial Observations: Color: brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.19	12.43	7.37	17.43	17.10	0.71	2283 AU	280	1.008
10	9.81	12.50	7.30	17.46	19.10	0.56	2277 AU	280	
15	10.36	13.20	7.21	17.45	20.20	0.48	2018 AU	280	
20	10.83	13.74	7.14	17.29	20.60	0.38	1507 AU	280	1.008
25	11.13	13.71	7.09	16.90	21.60	0.28	1104 AU	280	
30	11.49	14.02	7.07	16.39	17.20	0.26	892 AU	280	
35	11.45	14.14	7.07	15.73	14.90	0.21	813 AU	280	1.006
40	11.55	14.68	7.06	15.65	17.60	0.20	620 AU	280	
45	11.84	14.74	7.06	14.38	10.30	0.23	116 NTU	280	
50	12.06	14.49	7.06	14.19	3.00	0.23	116	280	1.006
55	12.28	14.52	7.07	13.85	-0.70	0.22	122	280	
60	12.44	14.65	7.08	13.38	-3.90	0.19	104.7	300	
65	12.59	14.70	7.09	13.01	-6.30	0.18	91.6	300	1.004
70	12.77	14.74	7.10	12.70	-8.30	0.18	77.6	300	
75	12.84	14.61	7.11	12.53	-9.20	0.16	81.2	300	
80	12.84	14.83	7.13	12.33	-10.00	0.15	75.2	300	1.004
85	12.86	14.89	7.14	12.14	-12.20	0.17	78.8	300	
90	12.95	14.96	7.15	11.88	-16.20	0.12	78.2	300	
95	12.99	15.10	7.15	11.72	-17.90	0.11	82.4	300	
100	13.01	15.15	7.16	11.59	-14.70	0.10	80.3	300	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:52 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: light white Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0250-01 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5/4/15
Project #: 1163.61104 | Pump/Controller ID#: FA0989 / FA0817 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.37 ft. bmp
Depth to Water*: 13.45 ft.
Length of Water Column: 50.92 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 3 × 8.299 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1050
Initial Observations: Color: Clear/slightly cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.02	14.60	12.9	8.29	21.30	2.14	162	100	1.002
10	14.45	14.79	12.73	5.88	21.8	0.85	106.3	100	
15	~~13.33~~	13.85	12.90	5.88	18.10	0.95	234	250	
20	14.56	13.30	13.01	7.30	10.8	0.81	173	220	
~~25~~	14.59	13.93	13.05	7.30	7.30	0.81	172	200	
30	14.5	14.57	13.09	8.27	5.8	0.81	111	200	
35	14.36	14.29	13.14	8.38	5.10	0.81	28.1	200	
40	14.42	14.20	13.21	8.02	4.20	0.81	17.5	200	1.002
45	14.45	14.57	13.18	7.35	7.10	1.33	16.0	200	
50	14.51	1469	13.22	6.60	10.5	1.35	11.6	200	
55	14.62	14.15	13.21	6.13	17.10	1.12	10.37	200	
60	14.63	14.35	13.25	5.82	18.90	0.94	4.55	200	
65	14.62	14.73	13.23	5.71	20.60	0.88	3.13	220	
70	14.62	14.65	13.24	5.65	21.50	0.81	1.69	220	
75	14.62	14.65	13.26	5.60	21.90	0.76	1.06	220	
80	14.62	14.69	13.26	5.60	22.7	0.74	0.97	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211 Total volume of groundwater purged: 5gal gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: None *Sheen/Free Product:* None

Sample ID: SB915-0249-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA0215
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-26S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 5.4.15
Project #: 1163.61104 | Pump/Controller ID#: FA00771 / FA00635 | Weather: ~75° F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.67 ft. bmp
Depth to Water*: 9.06 ft.
Length of Water Column: 11.61 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 1.89 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1050
Initial Observations: Color: Clear Odor: No Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.14	11.16	10.93	6.34	23.70	5.73	4.12	400	1.002
10	9.14	11.30	11.03	6.33	24.30	5.70	1.36	400	
15	9.14	11.20	11.10 ~~6.35~~	6.35	25.20	5.73	1.00	400	
20	9.14	11.32	11.15	6.35	25.80	5.69	1.49	400	
25	9.14	11.39	11.19	6.34	26.20	5.68	0.60	400	
30	9.14	11.42	11.23	6.33	26.20	5.65	0.48	400	
35	9.14	11.43	11.27	6.35	26.10	5.68	0.57	400	
40	9.14	11.23	11.30	6.33	26.60	5.66	0.38	400	
45	9.14	11.45	11.32	6.35	26.60	5.66	0.27	400	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1136 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: No Sheen/Free Product: NO

Sample ID: SB915-0249-01 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA62122
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method: Low Flow
Pump Type Used: Grundfos
Pump/Controller ID#: FA00135/FA00796
Field Personnel: CAH
Date: 5-4-15
Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.10 ft. bmp
Depth to Water*: 79.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:57

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	79.72	13.15	7.56	13.01	-91.60	1.07	6.71	480	1.006
10	79.72	14.25	7.34	11.67	-88.80	0.95	10.86	480	
15	79.72	14.66	7.20	10.10	-85.40	0.71	7.20	480	
20	79.72	15.00	7.11	9.01	-82.30	0.64	3.44	480	1.004
25	79.72	15.08	7.06	8.20	-79.40	0.54	2.52	480	
30	79.72	15.04	7.03	7.60	-78.00	0.27	1.95	480	
35	79.72	15.29	7.00	6.71	-75.90	0.24	1.25	480	
40	79.72	15.05	6.97	6.35	-72.10	0.27	1.22	480	1.002
45	79.72	15.20	6.94	6.46	-71.70	0.27	1.16	480	
50	79.72	15.47	6.93	6.26	-70.80	0.26	1.17	480	
55	79.72	15.60	6.92	6.15	-69.70	0.26	1.13	480	
60	79.72	15.64	6.92	6.07	-69.10	0.25	1.17	480	
65	79.72	15.71	6.91	5.98	-68.70	0.24	1.10	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:02 Total volume of groundwater purged: 9 gallon(s). Specific Gravity: 1.002

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0249-02 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 4-30-15
Project #: 1163.61104 | Pump/Controller ID#: FA01959/FA00635 | Weather: Sun, 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.98 ft. bmp
Depth to Water*: 4.59 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:58

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.52	11.13	7.54	2.03	64.1	6.35	27.6	240	1.000
10	5.73	11.64	7.44	1.70	60.20	6.82	30.5	200	
15	6.08	11.91	7.49	1.22	58.50	8.10	37.8	200	
20	6.42	11.73	7.48	1.05	58.70	8.88	21.5	220	
25	6.95	11.60	7.50	0.92	59.60	9.04	6.25	220	
30	7.02	11.60	7.46	0.88	60.30	8.85	3.28	200	1.000
35	6.98	12.02	7.42	0.91	60.30	8.75	2.87	220	
40	7.27	12.20	7.41	0.89	59.90	8.69	2.54	220	
45	7.41	12.10	7.41	0.88	59.80	8.80	2.28	220	
50	7.65	12.19	7.40	0.88	59.50	8.81	2.62	220	1.000
~~55~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* did not record, used live readings.

End Purge Time: 10:49 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0247-01 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: * did not record, used live readings.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	4-30-15
Project #:	1163.61104	Pump/Controller ID#:	FA00771/FA00635	Weather:	Sun, 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.82 ft. bmp
Depth to Water*: 7.96 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1135

Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	9.04	13.34	7.21	7.16	-74.6	0.32	108	350	1.002
10	9.19	13.25	6.98	16.18	-78.00	0.27	74.1	350	
15	9.40	13.34	6.96	22.67	-81.90	0.31	54.9	350	
20	9.50	13.30	6.98	26.05	-81.40	0.32	16.5	360	1.012
25	9.51	13.33	6.97	29.41	-79.70	0.26	12.4	400	
30	9.62	13.34	6.97	31.09	-78.50	0.27	9.44	400	
35	9.67	13.38	6.97	32.96	-76.80	0.27	6.94	400	
40	9.73	13.38	6.95	35.34	-74.50	0.26	6.05	400	1.016
45	9.73	13.35	6.94	37.03	-72.80	0.23	5.00	400	
50	9.73	13.33	6.92	39.50	-71.30	0.21	4.36	400	
55	9.76	13.41	6.92	40.41	-71.00	0.22	4.27	400	
60	9.79	13.31	6.91	42.48	-70.20	0.20	4.21	400	
65	9.80	13.39	6.90	44.09	-69.70	0.19	4.48	400	1.018
70	9.78	13.42	6.88	46.11	-69.50	0.18	2.87	400	
75	9.79	13.55	6.88	47.20	-69.70	0.18	3.03	400	
80	9.81	13.59	6.87	48.74	-68.80	0.17	2.68	400	1.022
85	9.83	13.52	6.87	49.38	-68.50	0.17	2.20	400	
90	9.81	13.56	6.86	50.74	-68.20	0.16	2.53	400	
95	9.79	13.58	6.85	51.88	-67.70	0.16	1.96	400	
100	9.80	13.61	6.85	51.96	-67.90	0.16	2.02	400	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1320 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.022

Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0247-02 **Sample Time:** 13:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: ★ IPOD over heated. Used true readings.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1181BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 4-30-15
Project #: 1163.61104 | Pump/Controller ID#: FA00504 / FA00796 | Weather: ~68°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.88 ft. bmp
Depth to Water*: 2.48 ft.
Length of Water Column: 57.40 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1222

Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	2.48	12.85	8.04	10.18	-18.10	0.05	105	450	1.006
10	2.48	13.05	8.08	10.17	-14.90	0.03	94.5	450	
15	2.48	13.08	8.08	10.18	-10.60	0.02	65.7	450	
20	2.48	13.18	8.08	10.17	-9.50	0.01	51.8	450	
25	2.48	13.32	8.09	10.12	-9.00	0.01	44.5	450	
30	2.48	13.38	8.13	10.12	-9.70	0.01	34.4	450	
35	2.48	13.42	8.15	10.11	-9.20	0.00	28.0	450	
40	2.48	13.38	8.20	10.08	-8.50	0.00	18.2	450	
45	2.48	13.38	8.23	10.08	-7.20	0.00	13.8	450	
50	2.48	13.42	8.24	10.08	-6.90	0.00	8.80	450	
55	2.48	13.43	8.25	10.08	-6.10	0.00	8.31	450	
60	2.48	13.50	8.29	10.08	-6.70	0.00	6.96	450	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1322 Total volume of groundwater purged: 8 gallon(s). Specific Gravity: 1.004

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0247-03 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 4.30.15
Project #: 1163.61104 | Pump/Controller ID#: FA00135 / FA00796 | Weather: ~60°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 4.21 ft.
Length of Water Column: 11.22 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0956
Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.88	11.08	8.18	2.07	-19.50	0.28	157	200	1.002
10	5.09	10.90	8.05	2.07	-19.20	0.19	94	200	
15	5.20	11.64	7.99	2.06	-20.60	0.17	115	200	
20	5.28	12.56	7.97	2.03	-16.90	0.23	81.5	200	
25	5.63	12.61	8.08	1.93	-13.40	0.34	51.1	200	
30	5.85	12.59	8.14	1.83	-8.60	0.77	33.2	200	
35	5.93	12.78	8.18	1.77	-16.20	0.85	17.3	200	
40	5.98	12.79	8.25	1.72	-24.70	0.65	13.2	200	
45	6.05	12.85	8.32	1.69	-25.40	0.66	9.93	200	
50	6.15	12.97	8.37	1.66	-25.40	0.59	9.32	200	
55	6.21	13.16	8.40	1.64	-24.00	0.49	9.56	200	
60	6.30	13.25	8.43	1.67	-24.40	0.45	7.61	200	
65	6.33	13.74	8.46	1.68	-22.50	0.36	7.59	200	
70	6.39	13.53	8.49	1.69	-20.10	0.32	5.86	200	
75	6.48	14.08	8.51	1.70	-18.60	0.31	5.48	200	
80	6.55	13.56	8.56	1.69	-16.50	0.28	4.67	200	
85	6.63	13.71	8.60	1.73	-15.00	0.22	4.78	200	
90	6.67	13.70	8.59	1.74	-12.60	0.22	4.29	200	
95	6.70	14.11	8.57	1.78	-11.9	0.21	4.59	200	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1135 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0247-04 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 4/29/15
Project #: 1163.61104 | Pump/Controller ID#: FA00636/FA00796 | Weather: ~60°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 18.31 ft.
Length of Water Column: 115.24 ft.

Well Volume Multipliers:
[X] 2 in. = 0.163 gal/ft
Well Volume: 18.78 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other: ____

Start Purge Time: 1000
Initial Observations: Color: V. light-Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	49.70	13.38	6.97	193.33	43.70	0.86	21.4	250	1.126
10	49.92	13.20	6.94	192.57	46.70	0.77	18.2	250	
15	50.00	13.29	6.93	192.23	46.60	0.66	15.0	250	
20	50.12	13.38	6.93	192.66	46.70	0.62	14.9	200	
25	50.19	13.47	6.94	192.79	46.40	0.62	16.8	200	
30	50.19	13.61	6.96	191.58	46.30	0.60	16.9	200	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1040 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0246-01 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: *Purged 5 gallons before starting low-flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grund Fos	Date:	4-29-15
Project #:	1163.61104	Pump/Controller ID#:	FA00635/FA01989	Weather:	Sun, 55°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 6.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

[X] 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

***Measurement Point:**

[X] Well Casing
[ ] Protective Casing
[ ] Other: _____

Start Purge Time: 10:17

Initial Observations: Color: Orange Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.85	12.02	6.95	11.65	-35.10	0.29	610 AU	380	1.006
10	6.85	12.38	6.84	11.67	-37.00	0.18	132 NTU	440	
15	6.85	12.41	6.78	11.60	-35.30	0.16	61.4	480	
20	6.85	12.54	6.74	11.48	-33.60	0.15	46.2	480	1.005
25	6.85	12.51	6.73	11.45	-31.90	0.14	36.3	480	
30	6.85	12.64	6.71	11.38	-30.70	0.14	24.2	480	
35	6.85	12.65	6.71	11.37	-29.20	0.13	18.4	480	
40	6.85	12.64	6.70	11.33	-26.00	0.12	16.8	480	
45	6.85	12.61	6.70	11.35	-26.90	0.12	14.8	480	1.005
50	6.85	12.65	6.69	11.36	-26.30	0.12	17.0	480	
55	6.85	12.61	6.69	11.37	-25.20	0.12	15.9	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20 Total volume of groundwater purged: 19 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0246-02,03,04 (MS, MSD) **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104

Sampling Method: Low Flow
Pump Type Used: Grund Fos
Pump/Controller ID#: FA00711 / FA01817

Field Personnel: TBP
Date: 4/29/15
Weather: 50° Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 9.25 ft.
Length of Water Column: 100.20 ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: 16.33 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1013

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.43	11.61	12.03	69.72	-126.3	5.68	39.8	310	1.031
10	9.43	11.68	7.90	140.08	-91.9	0.28	25.3	470	
15	9.43	11.73	7.42	142.28	-28.3	0.16	17.5	470	
20	9.43	11.78	7.17	142.28	-21.1	0.16	14.1	470	
25	9.43	11.82	7.01	142.28	-17.8	0.16	11.3	470	
30	9.43	11.96	6.9	140.84	-15.3	0.16	8.21	480	
35	9.43	12.00	6.82	140.55	-13.9	0.09	5.18	480	
40	9.43	12.19	6.76	140.22	-13.10	0.08	3.85	480	
45	9.43	12.01	6.72	140.13	-12.00	0.07	2.99	480	
50	9.43	12.15	6.70	140.46	-11.0	0.07	2.59	480	
55	9.43	12.13	6.67	140.46	-10.70	0.07	2.61	480	
60	9.43	12.19	6.65	140.46	-10.10	0.07	2.44	480	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115 Total volume of groundwater purged: 10 gallon(s). Specific Gravity: 1.078

Final Observations: Color: clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0246-05/06(FD) **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01327
Turbidity Meter:	LaMotte	2020we	FA 01399
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method: Low-Flow
Pump Type Used: Grundfos
Pump/Controller ID#: FA00504/FA00796
Field Personnel: JWB
Date: 4/29/15
Weather: 60°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 3.95 ft.
Length of Water Column: 18.52 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1156

Initial Observations: Color: V. light orange Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.56	12.83	7.44	61.99	35.20	0.16	139	230	1.030
10	6.22	12.75	7.31	62.26	33.10	0.08	134	220	
15	6.56	12.92	7.21	62.39	32.40	0.06	116	220	
20	6.85	13.29	7.15	61.26	31.80	0.06	78.9	220	
25	7.06	13.16	7.13	62.26	32.30	0.10	61.3	220	
30	7.10	13.37	7.12	62.20	35.50	0.12	48.8	200	
35	7.20	13.38	7.14	62.14	32.30	-0.09	41.0	200	
40	7.20	13.34	7.14	62.80	32.30	0.07	32.6	200	
45	7.20	13.47	7.11	63.00	32.30	0.06	27.9	200	
50	7.20	13.47	7.11	63.23	32.20	0.03	~~23.2~~ 19.8	200	
55	7.20	13.61	7.15	62.95	32.10	0.03	~~19.8~~ 16.5	200	
60	7.20	13.65	7.17	62.93	32.00	0.02	13.3	200	
65	7.20	13.53	7.18	63.28	32.00	0.02	15.0	200	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1307 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.034

Final Observations: *Color:* clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0246-07 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA001138
Turbidity Meter:	LaMotte	2020we	FA02115
Other:			

Notes: _____

APPENDIX B

3rd Quarter 2015 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7/22/15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	70 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 66.13 ft. bmp
Depth to Water*: 8.54 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
~~4~~ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:45

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.51	13.94	6.45	82.5	-39.9	0.10	22.9	500	1.032
10	8.53	13.45	6.45	~~827~~ 82.9	-26.8	0.10	11.8	500	
15	8.55	13.63	6.45	82.30	-23.0	0.05	7.61	500	
20	8.55	13.47	6.44	82.5	-21.0	0.04	6.95	500	
30	8.55	13.47	6.44	~~82~~ 82.5	-21.00	0.04	6.20	500	1.044
35	8.55	13.51	6.44	82.2	-18.10	0.03	7.02	500	
40	8.55	13.49	6.41	81.9	-16.9	0.04	7.75	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:22 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.044

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0265-01, 02, 03 02 MS 03 MSD **Sample Time:** 10:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7-22-15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 99.02 ft. bmp
Depth to Water*: 8.44 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:54
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.44	13.30	6.29	123.7	-14.9	1.57	24.0	500	1.068
10	8.44	13.06	6.28	123.50	-18.2	0.09	22.0	500	
15	8.44	13.32	6.28	123.10	-21.20	0.05	12.5	500	
20	8.44	13.29	6.29	124.40	-22.80	0.03	11.7	500	1.070
25	8.44	13.12	6.29	123.70	-23.50	0.02	10.99	500	
30	8.44	13.11	6.29	124.80	-23.80	0.02	8.11	500	
35	8.44	13.10	6.29	120.80	-23.30	0.02	8.93	500	
40	8.44	13.12	6.29	123.60	-22.70	0.01	8.79	500	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:37 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0265-04/05 (FD) **Sample Time:** 10:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7.22.15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~70°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 24.40 ft. bmp
Depth to Water*: 8.32 ft.
Length of Water Column: 16.08 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:55
Initial Observations: Color: V. light Brown Odor: Slight Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.25	13.52	6.08	65.33	-39.10	0.04	22.3	440	1.034
10	9.27	13.08	6.11	64.16	-38.30	0.04	89	440	
15	9.24	12.88	6.21	54.32	-50.50	0.04	102.4	440	
20	9.23	12.74	6.33	45.41	-59.00	0.04	70.1	440	
25	9.21	12.74	6.41	39.26	-65.00	0.04	44.3	440	
30	9.20	12.61	6.47	35.49	-69.40	0.04	32.1	440	
35	9.20	12.52	6.49	34.39	-71.60	0.04	26.1	440	
40	9.19	12.45	6.53	30.78	-75.30	0.03	24.5	440	
45	9.18	12.56	6.56	30.33	-78.00	0.03	17.5	440	
50	9.18	12.51	6.57	28.46	-80.30	0.03	17.5	440	
55	9.18	12.47	6.60	27.96	-82.40	0.03	17.6	440	
60	9.18	12.56	6.58	27.48	-83.80	0.03	15.1	440	
65	9.18	12.65	6.61	26.27	-86.20	0.03	16.1	440	
70	9.15	12.52	6.64	24.50	-88.50	0.02	12.9	440	
75	9.15	12.60	6.62	26.05	-88.80	0.02	11.43	440	
80	9.15	12.51	6.64	24.51	-90.80	0.02	11.18	440	
85	9.15	12.56	6.63	25.73	-90.80	0.02	11.4	440	
90	9.15	12.60	6.65	23.48	-95.00	0.02	11.43	440	
95	9.15	12.56	6.64	23.93	-92.60	0.02	11.02	440	
100	9.15	12.64	6.66	22.94	-94.00	0.02	10.72	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1143 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: Sulfur Sheen/Free Product: None

Sample ID: SB915-0265-06 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA004113
Other:			

Notes: ____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-111S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JWB | Date: 7-22-15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	9.15	12.61	6.66	23.19	-95.30	0.02	11.37	140	1.012

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1125

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/22/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.25 ft. bmp
Depth to Water*: 13.36 ft.
Length of Water Column: ft.

Well Volume Multipliers:
[X] 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time: 11:28
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.85	16.04	10.46	8.20	2.80	2.49	7.19	220	1.004
10	15.1	15.54	10.60	8.20	9.00	2.57	3.95	220	
15	15.1	16.22	10.59	8.20	12.00	2.56	7.00	150	
20	15.19	16.24	10.59	8.20	13.90	2.42	7.67	150	
25	15.3	16.35	10.59	8.30	14.3	2.29	7.74	150	
30	15.32	16.99	10.55	8.40	15.3	2.28	7.93	150	
35	15.35	17.16	10.53	8.40	16.3	2.33	8.02	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:06 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.001
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0265-07 **Sample Time:** 12:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/22/15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: Sunny, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.54 ft. bmp
Depth to Water*: 16.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11 37
Initial Observations: Color: Clear/Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.44	13.75	6.45	80.60	-4.10	0.71	57.2	500	1.044
10	16.44	13.39	6.41	80.10	-1.00	0.58	30.4	500	
15	16.43	13.45	6.34	78.80	1.90	0.43	16.3	480	
20	16.43	13.48	6.31	79.30	3.30	0.26	12.8	460	
25	16.43	13.53	6.29	79.80	4.80	0.05	7.98	410	
30	16.43	13.48	6.27	78.70	6.00	0.02	5.24	460	
35	16.43	13.52	6.27	78.40	6.90	0.01	5.54	480	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:10 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0265-08 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7-22-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.20 ft. bmp
Depth to Water*: 4.45 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1223
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.30	15.42	7.04	4.09	-95.60	0.07	10.08	480	1.000
10	5.50	14.74	7.02	4.08	-91.90	0.07	3.10	480	
15	5.55	14.76	7.01	4.24	-87.40	0.05	1.87	480	
20	5.57	14.58	7.00	4.27	-85.18	0.06	1.14	480	
25	5.57	14.79	6.99	4.32	-82.48	0.05	1.16	480	
30	5.57	14.68	6.99	4.34	-81.00	0.05	0.44	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1253 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: None Sheen/Free Product: No

Sample ID: SB915-0265-09 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/22/15
Project #: 1163.61104 | Pump/Controller ID#: FA01139 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.41 ft. bmp
Depth to Water*: 3.1 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1307
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.22	14.91	12.25	34.00	-112.4	0.07	9.41	500	1.014
10	3.22	14.82	12.26	34.40	-108.3	0.00	6.52	500	
15	3.22	14.48	12.27	34.5	-104.6	0.00	4.63	500	
20	3.22	14.51	12.26	34.5	-102.7	0.00	3.27	500	
25	3.22	14.82	12.26	34.4	-101.1	0.00	3.07	500	
30	3.22	14.48	12.27	34.60	-98.90	0.00	2.97	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1337 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0265-10 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/22/15
Project #: 1163.61104 | Pump/Controller ID#: FA 00616 | Weather: Sunny, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.42 ft. bmp
Depth to Water*: 16.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:05
Initial Observations: Color: Cloudy gray Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.46	14.61	7.23	45.60	-195.50	0.10	38.8	400	1.024
10	20.03	14.77	7.37	45.30	-204.80	0.09	36.8	320	
15	20.44	14.87	7.43	44.30	-207.00	0.08	65.7	280	
20	21.00	14.23	7.44	43.00	-202.70	0.03	60.7	360	
25	21.30	14.47	7.40	40.40	-192.90	0.02	61.7	360	
30	21.54	14.61	7.34	38.20	-185.40	0.02	66.5	360	
35	21.74	14.52	7.28	37.00	-178.00	0.02	45.3	360	
40	21.84	13.99	7.23	35.70	-172.90	0.61	36.2	330	
45	21.79	14.47	7.19	34.90	-169.50	0.02	33.9	320	
50	21.54	14.83	7.15	33.60	-165.90	0.01	32.7	300	
55	21.95	14.20	7.11	33.50	-163.00	0.01	28.7	380	
60	21.83	14.57	7.09	32.50	-161.90	0.01	23.7	310	1.018
65	21.79	14.48	7.07	31.40	-160.20	0.01	19.60	340	
70	21.81	14.58	7.06	30.96	-159.40	0.00	18.6	340	
75	21.80	14.32	7.04	30.70	-157.90	0.01	16.0	340	
80	21.75	14.60	7.03	29.80	-157.40	0.01	12.8	330	
85	21.74	14.55	7.03	29.30	-156.80	0.00	11.8	340	
90	21.73	14.52	7.01	29.30	-156.00	0.00	11.35	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:38 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: Sulfur Sheen/Free Product: NO

Sample ID: SB915-0265-11 **Sample Time:** 14:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA 00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7-22-15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 17.80 ft. bmp
Depth to Water*: 8.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1331

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.42	16.90	7.26	4.44	-136.50	0.91	2.10	350	1.000
10	9.68	16.58	7.11	4.43	-127.80	0.38	4.86	350	
15	9.82	16.35	7.05	4.49	-115.60	0.14	5.90	350	
20	10.00	16.41	7.11	4.65	-117.70	0.10	5.03	350	
25	10.08	16.45	7.18	4.61	-117.10	0.12	4.27	350	
30	10.09	16.22	7.23	4.58	-117.20	0.15	3.02	350	
35	10.12	16.11	7.26	4.52	-116.20	0.16	3.05	350	
40	10.12	16.09	7.28	4.48	-113.90	0.15	2.93	350	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1413 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0265-12 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA61138
Turbidity Meter:	LaMotte	2020we	FA16413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-I MW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/23/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 4.66/18.14 ft. bmp
Depth to Water*: 4.66 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1140

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	*	16.7	10.14	16.8	-283.6	0.06	4.10	340	1.006
10		16.81	10.3	16.6	-289.6	0.03	4.8	340	
15		17.02	10.38	16.5	-291.3	0.02	2.5	340	
20		17.12	10.43	16.5	-293.8	0.01	2.81	340	
25		17.15	10.47	16.6	-294.5	0.01	2.55	340	
30		17.24	10.49	16.5	-294.1	0.00	1.88	340	
35		17.44	10.50	16.5	-294.7	0.00	2.19	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12 15 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006

Final Observations: Color: NO Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0266-06 **Sample Time:** 12:24

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA0144
Other:			

Notes: ~~[illegible]~~ WLI not working Properly

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-Imw065

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA01815 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 4.03 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
~~☐~~ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
~~☐~~ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1242
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, circle: mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	☆	18.06	11.12	17.3	-270.6	0.15	5.53	340	1.008
10		18.41	11.15	17.7	-283.9	0.05	2.49	340	
15		17.44	12.22	17.6	-288.6	0.03	2.68	340	
20		17.28	11.25	17.8	-292.1	0.02	2.66	340	
25		17.19	11.26	17.9	-294.2	0.02	2.15	340	
30		17.35	11.26	18.0	-294.8	0.02	1.89	340	
35		17.36	11.26	18.0	-294.8	0.01	2.18	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1320 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0166-09 ~~05~~ **Sample Time:** 1333

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01726
Turbidity Meter:	LaMotte	2020we	FA 01400
Other:			

Notes: WLI not working properly

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-015

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA 01815 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 7.68 ft.
Length of Water Column: 12.4 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: 2.02 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 920
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.96	17.17	6.31	29.6	-33.9	0.32	11.3	120	1.014
10	8.1	17.06	6.25	29.6	-38.2	0.17	13.4	120	
15	8.22	17.15	6.22	29.6	-40.3	0.11	11.3	120	
20	8.34	17.41	6.22	29.2	-41.3	0.07	8.08	120	
25	8.45	17.44	6.23	28.50	-39.4	0.05	5.53	120	
30	8.55	17.6	6.25	27.6	-37.2	0.04	3.26	120	
35	8.64	17.61	6.25	27.0	-35.0	0.04	3.10	120	
40	8.7	17.68	6.24	26.6	-30.0	0.06	2.76	120	
45	8.77	18.14	6.24	26.4	-26.9	0.05	3.55	120	
50	8.85	18.33	6.23	26.6	-23.4	0.08	2.52	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 105 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0266-03 **Sample Time:** 10:37

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7-23-15
Project #: 1163.61104 | Pump/Controller ID#: FAO 1238 | Weather: Sun, 70's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 10.19 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:31

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.25	13.14	6.01	85.10	-15.40	0.06	3.08	480	1.044
10	10.25	12.84	6.01	85.90	-18.60	0.04	1.39	480	
15	10.25	12.73	6.02	85.60	-20.40	0.03	0.60	480	
20	10.25	12.70	6.02	85.80	-18.00	0.02	0.91	480	
25	10.25	12.66	6.03	85.90	-15.40	0.02	0.61	480	
30	10.25	12.62	6.03	85.60	-13.60	0.01	0.93	480	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:01 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.044

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0266-01 **Sample Time:** 10:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-wb-070

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Per. | Date: 7/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: Sunny, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.88 ft. bmp
Depth to Water*: 10.15 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 935
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.18	14.52	6.51	18.27	-12.70	0.15	3.71	420	1.012
10	9.16	14.04	6.50	18.52	-9.20	0.06	1.83	460	
15	9.18	14.01	6.50	18.48	-6.00	0.05	1.26	460	
20	9.18	14.29	6.50	18.34	-4.20	0.03	1.12	480	
25	9.18	14.29	6.51	18.30	-3.00	0.03	1.06	490	
30	9.18	14.47	6.51	18.34	-2.40	0.03	1.01	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:08 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0266-02 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7-23-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun, 70's

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.63 ft. bmp
Depth to Water*: 4.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:10

Initial Observations: Color: slightly cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.82	15.46	6.24	47.40	-14.30	0.07	11.84	300	1.022
10	8.41	15.32	6.22	47.50	-13.20	0.04	8.57	300	
15	9.15	15.05	6.23	45.20	-9.30	0.03	5.66	320	
20	9.68	15.05	6.22	45.10	-7.80	0.03	7.44	300	
25	10.01	14.86	6.21	45.00	-7.50	0.04	7.51	300	
30	10.25	14.86	6.21	45.70	-7.70	0.06	7.66	320	
35	10.41	14.87	6.20	46.40	-8.10	0.07	9.57	320	1.022
40	10.54	14.58	6.20	47.30	-8.70	0.08	9.84	320	
45	10.63	14.54	6.19	47.90	-12.40	0.08	24.4	320	
50	10.73	14.51	6.19	48.20	-14.90	0.08	30.2	320	
★ 55	10.76	14.36	6.19	48.60	-26.60	0.06	1709 AU	320	1.022
60	10.79	15.27	6.20	44.90	-4.60	0.09	89.7 NTU	320	
65	10.98	15.09	6.18	46.40	-3.00	0.07	9.85	320	
70	11.07	14.89	6.17	47.10	-9.00	0.06	19.7	320	
75	11.20	15.00	6.16	47.40	-11.50	0.07	36.0	320	1.022
80	10.98	15.21	6.16	47.90	-13.40	0.08	49.6	280	
85	10.62	16.30	6.17	43.90	-0.30	0.12	4.65	280	
90	10.44	16.00	6.14	47.60	-6.90	0.05	1.83	240	
95	10.25	15.71	6.14	48.80	-12.40	0.03	43.8	240	
100	10.18	15.50	6.14	48.80	-13.40	0.03	57.3	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:11 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.022

Final Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0266-04 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ★ Tubing fell down - must have hit bottom

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-IMW-02S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: CAH | Date: 7-23-15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	10.05	15.49	6.14	48.70	-13.80	0.03	54.6	240	
110	10.05	15.59	6.14	48.60	-14.10	0.02	49.4	240	
115	10.05	15.81	6.14	48.40	-14.40	0.02	48.4	240	
120	10.05	16.05	6.13	49.40	-16.60	0.03	52.2	240	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: Sunny, 80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 26.10 ft. bmp
Depth to Water*: 7.63 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:25
Initial Observations: Color: clear/very little cloud Odor: slight sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.36	15.55	6.32	34.86	-81.40	0.04	6.29	300	1.022
10	10.68	15.46	6.32	34.64	-79.60	0.04	13.6	300	
15	11.00	15.46	6.30	35.97	-72.70	0.06	8.55	260	
20	11.13	16.28	6.27	38.09	-71.00	0.06	15.4	160	
25	11.27	16.41	6.26	39.63	-70.60	0.05	6.68	200	
30	11.37	16.45	6.25	40.00	-70.60	0.04	6.02	200	1.024
35	11.51	16.58	6.24	42.10	-70.50	0.04	5.2	190	
40	11.51	16.48	6.23	43.43	-69.80	0.04	5.26	150	
45	11.51	17.29	6.22	44.54	-71.20	0.04	4.83	150	
50	11.59	17.08	6.22	45.31	-70.80	0.03	4.30	180	
55	11.56	16.54	6.22	45.93	-70.00	0.03	4.35	150	
60	11.56	17.25	6.22	46.38	-72.00	0.03	5.35	200	1.028
65	11.56	16.99	6.22	46.31	-71.40	0.03	5.98	180	
70	11.56	16.74	6.23	45.50	-70.50	0.02	5.77	180	
75	11.57	16.72	6.24	45.40	-70.30	0.02	5.23	180	
80	11.57	16.66	6.24	45.19	-69.30	0.02	5.76	170	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* light sulfur *Sheen/Free Product:* NO

Sample ID: SB915-0266-05 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7.23.15
Project #: 1163.61104 | Pump/Controller ID#: ——— | Weather: ~77°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 12.60 ft. bmp
Depth to Water*: 16.43 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1123
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.42	13.88	5.90	135.80	3.40	0.11	2.26	460	1.058
10	16.42	13.66	5.96	135.50	-3.70	0.07	2.06	460	
15	16.42	13.84	5.98	135.60	-5.70	0.05	1.96	460	
20	16.42	14.11	5.98	135.60	-5.30	0.05	2.26	460	
25	16.42	14.12	5.99	135.40	-4.80	0.05	2.14	400	
30	16.42	14.38	5.99	136.10	-6.20	0.04	2.00	420	
35	16.42	14.65	6.00	136.20	-6.30	0.04	1.40	420	
40	16.42	14.95	5.99	138.60	-7.30	0.04	1.87	420	1.074
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1206 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.074
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0266-07 **Sample Time:** 1230

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	362982
Turbidity Meter:	LaMotte	2020we	FA004113
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05 ~~E~~ M

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7-23-15
Project #:	1163.61104	Pump/Controller ID#:	———	Weather:	~77°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: ~~14.60~~ 64.72 ft. bmp

Depth to Water*: ~~14.73~~ 19.45 ft.

Length of Water Column: ~~0.13~~ ft.

Well Volume Multipliers:

X 2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1235

Initial Observations: Color: V. Light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.51	14.11	6.86	32.70	-104.50	0.19	45.6	500	1.016
10	19.51	13.84	6.74	35.30	-103.00	0.17	23.3	500	
15	19.51	13.52	6.70	35.70	-104.70	0.01	16.7	500	
20	19.51	13.50	6.67	36.10	-106.20	0.00	9.91	500	
25	19.51	13.56	6.65	35.80	-107.4	0.00	5.91	500	
30	19.51	13.43	6.64	35.80	-107.10	0.00	4.43	500	
35	19.51	13.75	6.63	35.60	-108.50	0.00	2.96	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1312 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.018

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0266-08 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	362982
Turbidity Meter:	LaMotte	2020we	PA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/24/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny 80'F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 62.22 ft. bmp
Depth to Water*: 18.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:12
Initial Observations: Color: clear/light cloud Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.73	14.02	6.29	80.70	-81.10	0.04	16.1	460	1.048
10	18.74	14.17	6.36	80.80	-96.90	0.02	12.9	400	
15	18.75	14.27	6.31	80.20	-106.80	0.01	11.2	410	
20	18.75	14.20	6.31	80.70	-109.20	0.01	10.38	430	
25	18.74	14.30	6.31	80.80	-110.80	0.01	8.50	330	
30	18.73	14.84	6.32	79.70	-112.40	0.01	9.06	440	1.050
35	18.75	13.93	6.32	81.00	-115.70	0.01	7.12	440	
40	18.75	13.79	6.32	81.20	-117.60	0.04	7.65	440	
45	18.75	13.84	6.31	81.40	-117.70	0.03	5.59	440	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.050
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0267-01 **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/24/15
Project #: 1163.61104 | Pump/Controller ID#: FA01815 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.70 ft. bmp
Depth to Water*: 17.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:05
Initial Observations: Color: Clear/slightly Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.85	13.80	6.66	23.70	-54.9	0.05	123	450	1.014
10	17.85	13.51	6.70	23.5	-57.6	0.03	57.1	450	
15	17.85	13.56	6.72	23.3	-56.5	0.02	30.4	450	
20	17.85	13.58	6.73	23.4	-54.2	0.01	17.3	450	
25	17.85	13.54	6.73	23.4	-52.5	0.01	8.08	450	
30	17.85	13.61	6.74	23.4	-50.3	0.01	4.85	450	
35	17.85	13.64	6.74	23.4	-48.4	0.01	4.45	450	
40	17.85	13.68	6.75	23.4	-47.0	0.00	2.15	450	
45	17.85	13.79	6.75	23.5	-46.3	0.00	1.79	450	
50	17.85	13.80	6.75	23.5	-45.4	0.00	1.45	450	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1055 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0267-02 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA0
Other:			FA06413

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7.24.15
Project #: 1163.61104 | Pump/Controller ID#: ——— | Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 21.83 ft. bmp
Depth to Water*: 12.48 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1011

Initial Observations: Color: V. Light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.48	14.01	6.38	21.86	-55.30	0.06	67.5	420	1.010
10	12.48	13.79	6.52	22.23	-56.30	0.05	45.5	420	
15	12.48	13.60	6.61	22.07	-56.10	0.01	21.2	420	
20	12.48	13.55	6.66	22.19	-56.40	0.01	12.80	420	
25	12.48	13.56	6.69	22.18	-56.70	0.00	7.45	420	
30	12.48	13.55	6.71	22.22	-55.80	0.00	6.58	420	
35	12.48	13.44	6.73	22.24	-55.10	0.00	6.48	420	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0267-03 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01159
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/27/15
Project #: 1163.61104 | Pump/Controller ID#: FA01815 | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 74.2 ft. bmp
Depth to Water*: 6.2 ft.
Length of Water Column: 68 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 11.08 gal.
Pump Intake Depth*: . ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:11
Initial Observations: Color: Clear/Slightly Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.25	15.24	6.06	80.6	0.30	0.18	46	260	1.042
10	6.25	14.7	6.05	81.90	1.30	0.08	58	320	
15	6.25	14.41	6.05	82.3	1.80	0.06	43.9	320	
20	6.25	14.24	6.05	82.6	3.00	0.06	25.9	320	
25	6.25	14.11	6.04	82.9	4.30	0.04	27.4	320	
30	6.25	14.11	6.04	82.9	5.5	0.08	23.4	320	
35	6.25	14.11	6.04	83.00	6.60	0.07	22.1	320	
40	6.25	14.09	6.04	83.40	7.08	0.07	19.1	320	1.046
45	6.25	14.11	6.04	83.2	8.00	0.08	19.2	320	
50	6.25	14.11	6.05	82.7	8.5	0.13	15.4	320	
55	6.25	14.02	6.05	82.8	9.5	0.08	15.6	320	
60	6.25	14.02	6.05	82.9	9.70	0.09	15.0	320	
65	6.25	13.93	6.05	82.9	10.60	0.06	14.2	320	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:19 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.046
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0268-01,02 (FD) **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01114
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09U

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7-27-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun, 80

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.35 ft. bmp
Depth to Water*: 9.48 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:09

Initial Observations: Color: clear Odor: NO some sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.71	18.87	6.55	4.10	-47.90	5.12	9.96	140	1.002
10	12.08	17.44	6.94	7.40	-143.70	0.19	5.14	140	
15	12.47	17.32	7.22	7.90	-169.80	0.12	4.21	140	
20	12.83	17.10	7.15	6.90	-147.00	0.10	3.11	140	
25	13.11	16.93	7.75	7.90	-180.70	0.08	3.59	140	
30	13.11	17.04	8.32	9.70	-199.40	0.09	20.3	140	
35	13.39	16.72	8.77	8.70	-180.20	0.11	38*	140	1.004
40	13.43	16.43	9.44	9.60	-215.10	0.31	91*	140	
45	13.53	16.39	10.08	9.60	-176.80	0.82	72*	140	
50	13.58	16.51	11.01	10.40	-171.20	0.78	4.38	140	
55	13.58	16.50	10.95	10.30	-161.30	1.00	2.72	140	
60	13.51	16.63	11.11	10.90	-166.20	0.80	2.86	140	
65	13.57	15.77	10.72	10.40	-144.80	1.14	5.89	140	1.004
70	13.57	16.45	11.03	10.40	-153.70	1.13	3.91	140	
75	13.58	16.22	10.97	10.30	-142.90	1.95	3.96	140	
80	13.58	16.59	11.11	10.60	-150.20	2.88	4.02	140	
85	13.58	16.56	11.03	10.20	-137.00	4.55	2.48	140	
90	13.58	16.32	11.08	10.50	-139.20	3.16	1.88	140	
95	13.58	16.63	11.09	10.60	-141.20	2.88	1.39	140	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:45 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: clear Odor: NONE Sheen/Free Product: NO

Sample ID: SB915-0268-03 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: *Turb may not be reading properly

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7-27-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun, 85°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.85 ft. bmp
Depth to Water*: 28.98 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:45

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) — circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.07	13.48	7.68	0.90	-71.00	0.04	10.98	500	1.002
10	29.07	12.38	7.50	1.00	-63.50	0.02	8.74	500	
15	29.07	12.34	7.42	1.00	-57.30	0.02	7.00	500	
20	29.07	12.06	7.36	1.00	-53.10	0.01	5.18	500	
25	29.07	12.02	7.32	1.10	-48.40	0.01	3.72	500	
30	29.07	12.26	7.30	1.10	-48.30	0.01	3.00	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:15 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0268-04,05,06 (MS, MSD) **Sample Time:** 13:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/27/15
Project #: 1163.61104 | Pump/Controller ID#: FA0815 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 96.50 ft. bmp
Depth to Water*: 21.51 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1236
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.5	13.62	7.09	2.80	-31.2	0.06	25	300	1.001
10	23.34	13.30	7.00	2.90	-26.2	0.03	22.4	300	
15	23.41	13.06	6.96	2.90	-18.6	0.03	18.2	300	
20	23.48	13.16	6.94	2.9	-14.7	0.02	12.6	300	
25	23.3	13.11	6.91	2.9	-13.7	0.02	12.3	300	
30	23.6	12.93	6.90	2.90	-13.7	0.00	6.85	300	
35	23.5	13.84	6.87	2.9	-15.7	0.05	5.75	300	
40	23.4	13.80	6.87	2.9	-17.3	0.04	6.89	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1329 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0268-07 **Sample Time:** 13:42

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7-27-15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 85°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 27.11 ft. bmp
Depth to Water*: 24.00 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:56
Initial Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.16	16.12	6.90	1.30	49.70	4.32	58.3	160	1.002
10	25.40	16.73	6.86	1.30	50.00	3.87	28.2	140	
15	25.80	16.64	6.86	1.30	49.80	4.09	20.5	140	
20	26.09	16.74	6.81	1.30	51.00	3.48	13.5	120	
25	26.22	16.28	6.85	1.40	48.10	3.74	27.7	120	
30	26.30	16.94	6.84	1.40	46.90	2.99	8.50	120	
35	26.35	17.08	6.85	1.40	43.00	2.85	5.74	120	
40	26.38	17.57	6.81	1.40	44.60	2.62	5.47	120	
45	26.40	17.43	6.82	1.40	42.70	2.54	5.40	120	1.000
50									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:40 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0268-08 **Sample Time:** 15:05

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7-28-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun, 85°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 10.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:21

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.25	13.22	12.22	14.80	-269.80	0.08	11.71	480	1.006
10	14.51	12.93	12.26	15.00	-281.40	0.06	19.7	480	
15	15.28	12.98	11.44	22.60	-245.60	0.00	103.6	480	
20	15.81	12.93	11.30	23.40	-231.00	0.00	90.1	480	
25	16.13	12.89	11.17	24.10	-228.80	0.00	70.5	480	
★ 30	16.26	12.94	11.11	24.60	-235.30	0.00	63.8	480	1.012
† 35	—	13.27	11.00	26.10	-331.80	0.00	60.2	480	
† 40	14.52	15.38	10.90	25.40	-265.70	0.00	57.5	—	
45	15.17	12.89	10.67	23.10	-583.50	0.00	43.4	480	
50	15.53	12.83	11.26	23.30	-559.30	0.00	41.0	480	
55	15.87	12.77	11.18	24.10	-531.00	0.00	38.7	480	1.012
60	16.12	12.79	11.16	24.30	-512.10	0.00	33.1	480	
65	16.27	12.72	11.13	24.70	-495.90	0.00	34.0	480	
70	16.34	12.84	11.11	24.90	-483.90	0.00	39.3	480	
75	16.37	12.75	11.11	24.90	-474.80	0.00	32.5	480	
80	16.41	12.76	11.10	25.00	-466.60	0.00	30.9	480	1.012
85	16.42	12.84	11.08	25.00	-458.00	0.00	29.1	480	
90	16.43	12.84	11.08	24.90	-449.10	0.00	32.6	480	1.012
•									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:51 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.012

Final Observations: Color: slight white Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0269-01 **Sample Time:** 12:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ★ IPOD drd not record.
† Two batteries died, Hooked up to truck.
• Sampling, 3 well volumes removed.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-141BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7-28-15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	~84°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 120.69 ft. bmp
Depth to Water*: 8.44 ft.
Length of Water Column: 112.25 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1030

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.13	14.88	6.63	188.05	-20.10	0.08	11.19	450	1.078
10	9.13	14.68	6.69	186.77	-23.30	0.05	49.5 *	450	
15	9.13	14.40	6.69	187.78	-15.10	0.04	73.0 *	450	
20	9.13	14.12	6.68	184.63	-9.40	0.03	35.8 *	450	
25	9.13	14.21	6.67	184.29	-7.00	0.03	32.7 *	450	
30	9.13	14.03	6.67	185.31	-4.90	0.02	28.3 *	450	
35	9.13	14.20	6.66	183.81	-3.70	0.02	28.5 *	450	
40	9.13	14.13	6.65	184.46	-2.00	0.02	29.2 *	450	
45	9.13	13.96	6.64	184.63	-0.10	0.02	26.5 *	450	
50	9.13	14.26	6.64	184.73	0.20	0.02	23.5 *	450	
55	9.13	14.26	6.64	184.49	0.30	0.02	27.3 *	450	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.116

Final Observations: Color: Clear* Odor: No Sheen/Free Product: No

Sample ID: SB915-0269-02 **Sample Time:** 1145

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: *Suspended solids NaCl

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBD
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7/28/15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	~80 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.64 ft. bmp
Depth to Water*: 5.7 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1030

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.6	15.12	6.21	71.7	-21.2	0.08	6.32	300	1.026
10	10.6	14.54	6.23	71.7	-25.9	0.04	8.38	200	
15	11.1	15.75	6.23	70.70	-30.5	0.04	14.4	200	
20	11.89	15.12	6.24	70.20	-30.8	0.02	16.7	200	
25	12.7	15.12	6.24	70.90	-31.2	0.02	26.2	200	
30	13.23	15.00	6.24	70.80	-30.6	0.01	28.4	200	
35	13.7	15.05	6.24	70.30	-30.0	0.01	26.6	200	
40	13.78	15.89	6.22	71.4	-30.2	0.02	28.6	150	
45	13.55	16.12	6.23	70.40	-29.7	0.02	28.3	150	
50	13.4	16.28	6.22	71.1	-29.2	0.02	28.1	150	
55	13.25	16.35	6.22	70.70	-28.2	0.02	29.2	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:29 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.030

Final Observations: Color: Clear * Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0269-03 **Sample Time:** 1200

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013 25
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: * Blackish Tint in sample Bottle

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7-29-15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: Hot, 85°F, Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 9.52 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:22

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.27	14.05	7.14	126.70	-10.80	0.44	18.3	480	1.070
10	10.27	13.60	6.50	129.70	-1.40	0.16	11.74	480	
15	10.27	13.37	6.37	130.00	3.10	0.11	4.89	480	
20	10.27	13.50	6.32	129.60	5.80	0.08	1.88	480	
25	10.27	13.52	6.31	129.30	7.80	0.08	2.47	480	
30	10.27	13.61	6.31	129.10	8.60	0.06	2.78	480	1.074
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:52 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.074

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0270-01 **Sample Time:** 10:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7/29/15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	70s Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 7.54 ft.
Length of Water Column: 49.67 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 8.10 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:12

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.6	13.02	6.57	11.30	2.6	0.05	53.3	480	1.006
10	7.6	12.93	6.56	11.2	4.9	0.03	33.3	480	
15	7.56	12.84	6.55	11.2	5.7	0.02	19.2	480	
20	7.6	12.94	6.55	11.1	7.6	0.01	12.9	480	
25	7.6	12.93	6.55	11.1	8.70	0.01	8.22	480	
30	7.6	13.21	6.55	11.0	9.5	0.00	8.06	480	
35	7.6	13.31	6.55	10.99	9.90	0.02	5.08	480	
40	7.6	13.02	6.55	10.90	10.70	0.03	3.05	480	1.004
45	7.6	13.11	6.55	10.90	11.50	0.01	4.05	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:58 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0270-02 **Sample Time:** 10:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7.29.15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	~80°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 4.10 ft.
Length of Water Column: 18.37 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 0921

Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.18	15.15	6.18	60.10	-8.50	0.15	36.3	340	1.032
10	7.80	14.40	6.18	59.56	4.80	0.09	23.4	340	
15	8.82	14.76	6.16	59.54	4.10	0.06	11.31	340	
20	9.55	14.84	6.15	59.80	4.00	0.05	7.82	340	
25	9.61	15.38	6.13	60.07	6.00	0.06	5.71	310	
30	9.73	15.22	6.12	60.53	9.10	0.05	4.94	320	
35	9.81	15.10	6.11	60.90	11.00	0.04	5.04	320	
40	10.00	14.75	6.11	61.24	12.30	0.04	5.91	320	
45	9.90	15.20	6.10	61.72	13.00	0.04	5.75	310	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1006 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.034

Final Observations: *Color:* clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0270-03 **Sample Time:** 1030

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011174
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	peri	Date:	7-29-15
Project #:	1163.61104	Pump/Controller ID#:	FA00616	Weather:	Sun, 90°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.88 ft. bmp
Depth to Water*: 2.39 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:56

Initial Observations: Color: light white Odor: some sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	2.39	14.76	6.85	9.60	-44.60	0.05	63.4	480	1.006
10	2.39	14.26	6.41	9.60	-24.50	0.03	29.9	480	
15	2.39	14.32	6.15	9.60	-10.60	0.03	11.5	480	
20	2.39	14.23	6.81	9.60	-43.70	0.02	8.34	480	
25	2.39	14.22	6.86	9.50	-43.30	0.03	5.13	480	
30	2.39	14.14	6.86	9.60	-41.60	0.02	3.32	480	
35	2.39	14.04	6.86	9.50	-41.30	0.02	3.50	480	
40	2.39	14.20	6.86	9.50	-40.80	0.02	2.95	480	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:36 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0270-04 **Sample Time:** 11:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-11PS

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	7/29/15
Project #:	1163.61104	Pump/Controller ID#:	FA 00139	Weather:	80's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 4.00 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:55

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) — circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.9	18.20	6.56	25.90	-27.70	0.09	5.18	200	1.010
10	5.03	18.25	6.61	18.5	-49.4	0.09	7.74	200	
15	5.18	18.36	6.61	17.3	-58.3	0.06	5.02	200	
20	5.37	18.23	6.61	17.8	-60.0	0.03	1.77	200	
25	5.7	18.15	6.63	17.1	-62.0	0.02	2.18	200	
30	5.86	17.98	6.63	17.0	-64.6	0.03	2.85	200	
35	6.01	17.85	6.66	16.6	-69.8	0.03	1.52	200	
40	6.14	17.97	6.65	17.10	-71.9	0.03	1.73	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:40 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0210-05 **Sample Time:** 11:57

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915 ~~MW-03~~ ~~SB915-0270~~

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: CAH + TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7-29-15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sun, 90

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 36.38 ft. bmp
Depth to Water*: ~~6.95~~ ~~3.45~~ (6.95 cal 7/29/15) ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:40
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) — circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~6~~8.97	13.22	6.70	13.10	-14.50	0.05	3.69	500	1.006
10	~~6~~8.97	12.61	6.66	13.30	-11.80	0.03	2.04	500	
15	~~6~~8.97	12.53	6.65	13.40	-10.60	0.03	2.03	500	
20	~~6~~8.97	12.64	6.65	13.40	-10.40	0.02	2.06	500	
25	~~6~~8.97	12.56	6.64	13.40	-9.20	0.02	2.85	500	
30	~~6~~8.97	12.48	6.64	13.40	-8.50	0.02	2.96	500	1.006
	6.97 cal 7/29/15								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:10 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0270-06 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: 6.97 Depth to water

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/30/15
Project #: 1163.61104 | Pump/Controller ID#: FA 00616 | Weather: 70's Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.92 ft. bmp
Depth to Water*: 9.02 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
~~2~~ in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 9:17
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.25	13.66	6.59	32.1	-54.4	0.07	7.42	320	1.016
10	9.25	13.39	6.59	32.1	-50.4	0.04	26.7	320	
15	9.25	13.57	6.58	32.5	-44.4	0.03	19	320	
20	9.27	13.57	6.56	35.7	-39.5	0.03	67	320	
25	9.26	13.57	6.54	47.6	-39.1	0.02	50.9	320	
30	9.3	13.66	6.54	52.2	-41.1	0.02	18.9	320	
35	9.3	13.57	6.55	54.1	-40.2	0.02	11.2	320	
40	9.3	13.61	6.55	55.6	-40.0	0.02	10.35	320	
45	9.3	13.43	6.55	56.6	-39.1	0.01	10.65	320	
50	9.3	13.5	6.56	56.3	-38.8	0.01	10.13	320	
55	9.3	13.72	6.56	58.7	-38.4	0.01	9.35	320	
60	9.3	13.79	6.56	58.1	37.5	0.01	8.92	320	
65	9.3	13.67	6.57	57.9	-36.7	0.03	5.13	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:25 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0271-01 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	7-30-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Rain, 75

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.57 ft. bmp
Depth to Water*: 4.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☑ Other: Ground Surface

Start Purge Time: 9:25

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

6.23

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~4.80~~	13.39	6.25	38.00	-14.90	0.09	5.60	340	1.016
10	7.12	13.39	6.25	38.30	-11.80	0.07	8.56	340	
15	7.83	13.44	6.29	37.80	-11.80	0.05	7.98	340	
20	8.52	13.42	6.30	37.70	-9.00	0.04	6.43	340	
25	9.34	13.39	6.30	37.60	-8.90	0.04	5.88	340	
30	10.02	13.41	6.33	37.40	-14.10	0.04	5.91	340	
35	11.11	13.52	6.35	37.20	-20.60	0.04	5.53	340	
40	11.63	13.56	6.36	36.70	-22.60	0.07	6.11	340	1.016
45	12.10	13.61	6.36	36.60	-17.00	0.16	6.65	340	
50	12.55	13.45	6.32	37.40	-6.80	0.12	3.97	340	
55	12.94	13.18	6.29	37.80	-0.55	0.08	2.65	340	
60	13.38	12.98	6.27	37.90	2.30	0.06	1.70	340	
65	13.80	12.86	6.26	38.00	3.50	0.05	2.20	340	
70	14.17	12.84	6.25	38.30	3.30	0.04	0.96	340	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:35 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.018

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0271-02 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7.30.15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~75°F Rain

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 24.70 ft. bmp
Depth to Water*: 7.80 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 0925

Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.30	16.02	6.93	13.70	-23.90	0.15	33.4	300	1.006
10	10.25	15.46	6.90	14.10	-27.90	0.08	32.9	300	
15	10.80	15.16	6.90	14.30	-24.80	0.05	89.8	300	
20	11.20	14.94	6.91	14.10	-19.20	0.04	77	300	
25	11.52	14.69	6.94	13.60	-18.70	0.04	47	300	
30	11.78	14.61	6.97	13.10	-20.50	0.03	44	300	
35	12.00	14.45	6.99	12.70	-22.60	0.03	79.9	300	
40	12.16	14.24	7.01	12.40	-23.90	0.03	103.6	300	
45	12.28	14.31	7.03	12.10	-25.30	0.03	109.0	300	
50	12.40	14.40	7.05	11.90	-28.40	0.03	60.	300	
55	12.51	14.32	7.07	11.70	-27.80	0.02	63	300	
60	12.61	14.45	7.09	11.40	-28.60	0.03	52	300	
65	12.70	14.31	7.11	11.20	-30.40	0.03	~~123~~ 43	300	
70	12.80	14.36	7.13	11.20	-31.30	0.03	87	300	
75	12.80	14.31	7.15	10.90	-32.80	0.03	84	300	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1041 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.008

Final Observations: Color: Light Brown Odor: No Sheen/Free Product: No

Sample ID: SB915 – 0271-03 **Sample Time:** 1055

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: SB915-PZ-07D TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 7/31/15
Project #: 1163.61104 | Pump/Controller ID#: 15333 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 31.35 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:19
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.02	16.47	11.41	46.6	-227.3	1.64	77.7	200	1.026
10	33.85	16.17	11.52	47.9	-240.8	0.28	56.2	200	
15	34.03	16.46	11.56	47.9	-245.5	0.19	36.2	200	
20	34.53	16.9	11.58	47.9	-249.9	0.18	27.7	200	
25	34.65	17.35	11.6	48.0	-252.2	0.17	19.7	200	
30	35.0	17.00	11.60	47.6	-251.2	0.18	15.1	200	
35	35.35	17.03	11.60	47.2	-250.6	0.20	17.0	200	
40	35.6	17.81	11.61	47	-252.2	0.22	11.8	200	
45	35.7	17.76	11.61	47	-250.7	0.26	11.42	140	
50	35.75	17.99	11.61	46.1	-246.5	0.31	10.56	140	
55	35.84	17.66	11.62	45.1	-240.0	0.59	9.22	140	
60	35.9	17.73	11.63	44.8	-238.3	0.68	10.52	140	
65	36	17.9	11.63	45.3	-239.5	0.74	11.6	140	
70	36.11	17.73	11.63	46.1	-241.7	0.77	9.87	140	
75	36.1	18.21	11.63	46.3	-244.9	0.73	9.18	140	
80	36.4	18.85	11.63	47.00	-246.5	0.69	10.74	140	
85	36.7	17.42	11.63	47.7	-247.6	0.65	10.03	140	
90	36.75	18.16	11.64	48.6	-251.4	0.60	8.58	140	
95	36.73	18.37	11.63	48.70	-253.1	0.57	8.78	140	
100	36.7	17.34	11.63	48.4	-253.2	0.57	9.2	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.028
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0272-01 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0825
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-P2-075

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7.31.15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~84°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.09 ft. bmp
Depth to Water*: 8.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1227

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.90	14.36	12.71	7.37	-59.40	4.25	0.22	420	1.002
10	8.96	12.59	12.72	7.61	-46.10	3.92	0.29	420	
15	8.90	13.67	12.67	7.65	-37.10	3.56	1.70	420	
20	8.96	12.75	12.67	7.70	-32.20	3.44	2.37	420	
25	8.96	12.75	12.65	7.71	-27.10	3.36	3.00	420	
30	8.96	12.84	12.63	7.71	-23.50	3.26	2.58	420	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1257 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: NO Sheen/Free Product: No

Sample ID: SB915-0272-02 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 7.31.15
Project #: 1163.61104 | Pump/Controller ID#: 19100 | Weather: ~78°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.10 ft. bmp
Depth to Water*: 24.23 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1027
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~26.10~~ ~~26.30~~	15.30	11.54	50.40	-319.20	0.11	10.83	300	1.025
10	26.06	16.46	11.51	51.30	-326.50	0.06	14.1	300	
15	26.00	17.08	11.49	52.70	-318.70	0.04	15.3	300	
20	26.03	17.62	11.47	54.00	-290.00	0.04	17.0	300	
25	26.03	17.97	11.45	54.90	-198.90	0.03	16.7	300	
30	26.03	18.27	11.44	55.70	-164.90	0.04	16.9	300	
35	26.03	18.55	11.43	56.40	-73.60	0.05	15.8	300	
40	26.00	18.78	11.42	57.00	-78.60	0.03	14.3	300	
45	26.03	18.87	11.42	57.40	-85.70	0.03	13.3	300	
50	26.03	19.03	11.41	57.60	-89.80	0.02	12.2	300	
55	26.05	19.20	11.41	57.90	-90.5	0.02	11.3	300	
60	26.08	19.49	11.40	58.00	-90.00	0.02	11.3	300	
65	26.08	19.57	11.40	58.10	-91.10	0.02	11.08	300	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1135 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0272-03 [illegible] **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAG1174
Turbidity Meter:	LaMotte	2020we	FA06413
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8/3/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Cloudy 80°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 46.09 ft.
Length of Water Column: ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 11:01
Initial Observations: Color: Clear/light cloud Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	48.66	17.88	11.72	99.90	-47.3	1.17	13.1	150	1.050
10	49.30	17.53	11.76	100.00	-81.4	0.56	15.7	130	
15	49.80	16.96	11.78	100.20	-64.50	0.37	19.7	180	
20	50.34	16.46	11.80	100.40	-47.70	0.36	14.3	150	
25	50.97	16.49	11.81	100.30	-45.50	0.32	11.5	150	
30	51.70	17.04	11.79	100.00	-44.90	0.30	11.6	156	1.050
35	52.56	17.71	11.77	100.40	-50.8	0.31	9.84	150	
40	53.03	18.37	11.75	99.70	-59.16	0.33	9.25	150	
45	53.75	18.51	11.75	99.80	-65.30	0.35	8.94	150	
50	54.33	18.82	11.74	100.10	-71.70	0.36	7.63	150	
55	55.09	19.14	11.72	100.10	-84.3	0.36	6.11	150	
60	55.86	19.76	11.70	99.90	-100.4	0.39	5.56	150	1.050
65	56.28	20.25	11.69	99.40	-106.20	0.47	6.26	150	
70	56.85	20.43	11.69	99.10	-94.50	0.63	5.38	150	
75	57.52	20.47	11.69	98.80	-90.80	0.84	6.47	150	
80	58.03	21.47	11.66	98.50	-87.50	0.95	6.83	150	
85	58.59	21.80	11.66	98.50	-90.40	1.03	6.50	150	
90	59.14	21.83	11.65	98.50	-95.90	1.06	6.50	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:34 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.050
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0273-01 (BOD) **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01174
Turbidity Meter:	LaMotte	2020we	FA 01400
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8-3-15
Project #: 1163.61104 | Pump/Controller ID#: ~~FAO~~ | Weather: Cloudy, 85°F, Humid

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.40 ft. bmp
Depth to Water*: 68.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:09
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.65	13.22	6.80	92.61	-23.30	0.36	5.67	480	1.048
10	68.65	13.48	6.68	100.52	-39.70	0.15	12.2	480	
15	68.65	13.92	6.65	101.15	-45.10	0.11	11.8	480	
20	68.65	14.08	6.63	100.94	-46.10	0.08	10.69	480	
25	68.65	14.13	6.62	100.89	-46.30	0.07	9.36	480	
30	68.65	14.21	6.61	100.55	-46.00	0.06	6.31	480	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:39 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0273-02, 03(FD) **Sample Time:** 11:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8.3.15
Project #: 1163.61104 | Pump/Controller ID#: 15033 | Weather: ~82°F Sun/clouds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 44.54 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1035
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	47.00	13.91	11.63	104.17	-190.20	0.44	11.8	180	1.066
10	48.00	13.40	11.70	104.23	-186.40	0.15	11.2	180	
15	49.05	13.81	11.72	105.89	-185.70	0.13	11.1	180	
20	50.00	14.67	11.72	104.76	-183.70	0.11	11.1	180	
25	50.90	15.20	11.71	103.71	-184.00	0.08	11.4	180	
30	52.10	15.43	11.71	104.71	-183.90	0.07	12.32	180	
35	52.70	15.79	11.70	104.14	-183.80	0.06	11.0	180	
40	53.60	16.14	11.69	102.97	-181.10	0.06	11.83	180	
45	54.25	16.49	11.69	104.75	-176.20	0.06	10.90	180	
50	55.20	17.01	11.68	104.40	-173.10	0.07	11.47	180	
55	55.73	17.10	11.67	104.20	-170.70	0.10	11.03	180	
60	56.75	17.37	11.67	104.67	-170.60	0.13	11.11	180	
65	57.25	17.82	11.66	105.20	-175.10	0.18	11.13	180	
70	57.70	18.42	11.64	104.23	-173.10	0.21	10.72	180	
75	58.40	18.56	11.64	104.92	-174.20	0.24	11.36	180	
80	59.30	19.01	11.63	104.85	-176.60	0.25	10.41	180	
85	59.60	19.45	11.63	104.10	-178.20	0.23	9.83	180	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0273-04 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Grund Fos | Date: 8/3/15
Project #: 1163.61104 | Pump/Controller ID#: 16981 / 27521 | Weather: 80 Partly Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 124.05 ft. bmp
Depth to Water*: 67.75 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1037
Initial Observations: Color: clear/cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.75	12.04	7.56	1.70	-72.9	0.52	92	480	
10	67.75	12.32	7.42	1.80	-66.5	0.38	124	480	
15	67.75	12.75	7.37	1.80	-63.4	0.27	99.3	480	
20	67.75	13.13	7.34	1.80	-59.8	0.11	69.2	480	
25	67.75	13.65	7.32	1.80	-56.1	0.08	46.7	480	
30	67.75	13.10	7.30	1.80	-53.6	0.07	36.6	480	
35	67.75	13.03	7.29	1.80	-50.4	0.08	31.5	480	
40	67.75	12.99	7.29	1.80	-48.20	0.07	26.1	480	
45	67.75	13.05	7.29	1.90	-47.6	0.07	22.5	480	
50	67.75	13.08	7.28	1.90	-48.7	0.07	22.0	480	
55	67.75	13.00	7.27	1.90	-48.4	0.05	20.9	480	
60	67.75	13.19	7.28	1.80	-49.6	0.04	15.4	480	
65	67.75	13.06	7.27	1.80	-47.5	0.04	13.5	480	
70	67.75	13.29	7.27	1.80	-47.2	0.03	12.9	480	
75	67.75	13.41	7.26	1.90	-46.7	0.04	11.1	480	
80	67.75	13.01	7.25	1.90	-47.8	0.05	11.5	480	
85	67.75	13.48	7.26	1.80	-44.2	0.03	9.20	480	
90	67.75	13.61	7.25	1.90	-41.8	0.01	12.7	480	
95	67.75	13.51	7.25	1.80	-41.0	0.02	9.29	480	
100	67.75	13.72	7.25	1.80	-39.2	0.01	8.44	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:18 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0273-05, 06, 07 (MS/MSD) **Sample Time:** 1239

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01139
Turbidity Meter:	LaMotte	2020we	FB004113
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8/4/15
Project #: 1163.61104 | Pump/Controller ID#: 0192311 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 129.41 ft. bmp
Depth to Water*: 30.94 ft.
Length of Water Column: 98.47 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 16.65 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 903
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	41.2	11.7	7.28	83.0	-113.1	0.06	11.11 ~~10.90~~	500	1.040
10	41.2	12.02	7.00	82.5	-53.8	0.04	6.71	500	
15	41.2	11.96	6.9	82.2	-45.5	0.03	3.54	500	
20	41.2	12.11	6.82	81.9	-37.9	0.02	2.10	500	
25	41.2	12.20	6.78	81.3	-34.7	0.02	1.77	500	
30	40.53	12.15	6.72	82.0	-27.7	0.02	1.05	500	
35	40.53	12.13	6.69	81.6	-26.4	0.02	1.42	500	
40	40.53	12.19	6.67	81.3	-25.2	0.01	1.76	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 944 Total volume of groundwater purged: 14 gallon(s). Specific Gravity: 1.042
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0274-01 **Sample Time:** 1005

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA 0641/3
Other:			

Notes: * Purged 39gal Before Low Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	MDM
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	8/4/15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	Sunny 75°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.41 ft. bmp
Depth to Water*: 28.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

X 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:25

Initial Observations: *Color:* Slight cloud *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	43.48	14.10	6.66	68.37	-6.50	0.64	21.2	500	1.036
10	42.72	14.71	6.63	68.63	0.10	0.07	9.78	480	
15	41.67	14.87	6.62	69.35	2.70	0.02	6.22	460	
20	41.22	14.71	6.62	69.29	4.50	0.02	4.32	500	
25	40.53	15.09	6.61	68.99	3.70	0.02	4.42	450	
30	39.85	14.98	6.61	69.67	4.40	0.02	2.42	450	1.036
35	39.72	15.08	6.61	69.56	4.90	0.01	2.33	480	
40	39.56	15.14	6.61	69.35	4.60	0.01	1.66	480	1.036
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:08 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.036

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0274-02 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Purged 3 gallons

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name:	SB915 Closure / SCA	Sampling Method:	LowFlow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	GrundFos	Date:	8-4-15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	Sun, 75°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.72 ft. bmp
Depth to Water*: 29.34 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:26

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm or mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.06	13.68	6.62	91.66	-37.10	0.22	32.4	460	1.038
10	30.22	14.27	6.87	82.15	-50.90	0.08	18.9	480	
15	30.10	14.31	6.88	84.47	-52.50	0.06	4.22	480	
20	30.25	14.05	6.90	84.04	-49.10	0.06	4.77	480	
25	30.25	14.49	6.90	82.31	-47.30	0.04	0.99	480	
30	30.25	14.45	6.89	82.11	-48.20	0.04	1.36	480	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:56 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.042

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0274-03 **Sample Time:** 10:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name:	SB915 Closure / SCA	Sampling Method:	Purge + Sample	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	PVC Bailer	Date:	8.4.15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	~78° F Sun/clouds

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 34.88 ft. bmp
Depth to Water*: 28.75 ft.
Length of Water Column: 6.13 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.99 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: NA

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
8.4.15									
1250	29.20	18.42	12.12	9.05	0.1	4.37	7.05	NA	1.003
	* Purged dry w/ PVC Bailer, allowed to recover								
1330	30.60	Sample collected							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* _____

Sample ID: SB915-0274-05 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA-01400
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	8.4.15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	~75°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 137.58 ft. bmp
Depth to Water*: 27.52 ft.
Length of Water Column: 110.06 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1030

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*5	53.55	13.34	6.50	56.60	32.10	0.08	9.18	500	1.032
10	53.55	13.44	6.57	58.90	41.90	0.06	6.6	500	
15	53.60	13.76	6.79	56.70	-24.00	0.05	25.7	500	
20	53.60	13.74	6.85	56.20	-23.30	0.04	13.9	500	
25	53.60	13.80	6.85	55.80	-22.60	0.04	8.74	500	
30	53.60	13.93	6.85	55.40	-22.10	0.03	7.79	500	
35	53.60	13.99	6.83	55.10	-17.60	0.03	7.53	500	
40	53.60	14.10	6.82	55.20	-16.10	0.02	6.64	500	
45	53.60	13.98	6.81	55.10	-14.60	0.02	5.86	500	
50	53.60	14.06	6.81	55.10	-11.60	0.02	5.99	500	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.026

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0274-04 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: * Purged 5 gallons before starting Low-Flow
DTW: 53.70' btoc

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8-4-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Cloudy, 80°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 19.15 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 12:42
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	45.02	16.33	6.52	193.19	33.60	0.99	17.1	240	1.124
10	—	16.12	6.52	195.34	28.90	0.70	12.6	240	
15	—	15.96	6.51	195.08	28.90	0.64	11.9	240	
20	—	15.97	6.51	194.65	28.80	0.61	11.8	220	
25	—	16.47	6.50	194.70	28.70	0.59	12.2	220	
30	—	16.83	6.50	193.48	29.30	0.57	11.6	220	1.126
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:12 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.126
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0274-06 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA0 0109
Other:			

Notes: ★ Purged 5 gallons
- Down a water level - NA.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: ~~Low Flow~~ Purge | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: ~~Peri~~ Bailer | Date: 8-3-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: 85°F, Humid

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 41.79 ft. bmp
Depth to Water*: 37.36 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:27

Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~	Purged dry	18.37	11.69	36.55	-16.7	6.22	42.0	—	~~1.0~~ —
~~10~~									
8.4.15									
1221	37.28	23.78	11.42	34.51	-27.8	7.37	24.8	NA	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: NA Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.018

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0274-07 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01405
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH / MDM
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8/5/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sun/clouds

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 158.80 ft. bmp
Depth to Water*: 25.19 ft.
Length of Water Column: ft.

Well Volume Multipliers:
x 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:05

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	40.01	14.02	6.34	196.00	10.20	0.08	11.83	480	1.128
10	40.15	14.04	6.31	195.60	13.50	0.11	11.6	480	
15	40.15	14.11	6.31	195.80	12.30	0.12	12.66	460	
20	40.21	14.39	6.31	195.70	11.40	0.10	12.5	480	
25	40.80	14.60	6.33	195.50	11.00	0.10	10.12	440	
30	40.95	14.71	6.34	197.50	9.00	0.09	7.96	420	1.131
35	40.95	14.71	6.35	196.40	8.70	0.08	8.17	410	
40	40.88	14.93	6.36	195.20	7.60	0.09	7.56	410	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:48 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.131

Final Observations: Color: Clear Odor: No Sheen/Free Product: ND

Sample ID: SB915-0275-01 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAC1326
Turbidity Meter:	LaMotte	2020we	FA 00109
Other:			

Notes: Purged down to 40 feet, 4 gallons

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH + MDM
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	8-5-17
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun+clouds, 75

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.86 ft. bmp
Depth to Water*: 12.18 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

X 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:19

Initial Observations: *Color:* Clear *Odor:* sulfur smell *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm or mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.25	13.88	6.53	13.00	-56.60	0.11	6.20	480	1.006
10	12.25	13.75	6.51	12.40	-53.80	0.12	3.17	480	
15	12.25	13.65	6.49	12.10	-52.60	0.11	3.11	480	
20	12.25	13.17	6.48	12.10	-50.40	0.07	1.85	480	
25	12.25	13.02	6.48	11.60	-48.30	0.03	1.38	480	
30	12.25	12.98	6.47	11.60	-47.90	0.03	1.32	480	1.006
35	12.25	12.80	6.47	11.50	-46.90	0.04	0.99	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0275-02 **Sample Time:** 12:10

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA001109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8.5.15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~72°F Sun

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 114.59 ft. bmp
Depth to Water*: 15.30 ft.
Length of Water Column: 99.29 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1024
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X 5	45.00	12.24	6.58	179.69	-85.00	0.04	10.04	>500	1.102
10	66.90	13.14	6.68	178.66	-61.40	0.10	8.74	300	
15	67.60	14.57	6.69	173.92	-47.50	0.20	9.16	300	
20	67.90	14.58	6.71	176.50	-47.10	0.22	7.12	300	
25	67.98	15.06	6.72	176.75	-44.70	0.23	6.64	220	
30	67.98	15.13	6.74	176.40	-41.20	0.22	7.57	220	
35	68.20	15.24	6.75	176.88	-38.90	0.20	11.08	220	
40	68.30	15.23	6.75	177.63	-35.50	0.18	9.87	220	
45	68.30	15.20	6.74	177.49	-32.70	0.17	8.74	220	
50	68.30	15.38	6.74	177.46	-30.60	0.16	5.88	220	
55	68.30	15.27	6.74	177.94	-29.20	0.15	4.43	220	
60	68.35	15.58	6.73	178.28	-29.00	0.14	3.18	220	
65	68.35	15.78	6.73	177.85	-28.40	0.13	2.22	220	
70	68.35	16.01	6.73	176.82	-27.60	0.12	2.38	220	
75	68.35	~~16~~ 15.62	6.73	178.58	-26.80	0.12	1.83	220	
80	68.35	15.77	6.73	177.94	-26.20	0.11	3.13	220	1.106
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.106
Final Observations: Color: Clear Odor: No Sheen/Free Product: ~~Yes~~ No

Sample ID: SB915-0275-03 **Sample Time:** ~~1215~~ 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Purged 10 gallons out before starting Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	8.5.15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	~75°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 13.22 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1300

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~X5~~	62.65	12.75	5.95	182.09	-6.90	0.08	15.2	340	1.106
10	62.70	14.21	5.93	177.70	-11.80	0.07	17.6	340	
15	62.65	14.35	5.95	176.40	-9.50	0.10	26.7	340	
20	62.85	14.20	5.98	177.13	-5.50	0.13	40.7	340	
25	62.70	14.56	6.00	176.92	-5.60	0.14	46.0	300	
30	62.78	14.50	6.01	178.73	-4.80	0.15	43.2	300	
35	62.70	14.94	6.02	178.38	-7.30	0.13	38.2	300	
40	62.82	14.69	6.03	178.37	-9.40	0.13	30.7	300	
45	62.92	14.47	6.04	179.42	-9.70	0.11	28.3	300	
50	62.80	15.02	6.04	178.83	-12.00	0.10	24.3	300	
55	63.00	14.56	6.06	178.41	-10.10	0.10	21.4	300	
60	63.25	14.25	6.06	180.23	-11.20	0.10	17.7	300	
65	63.16	15.06	6.05	178.99	-12.10	0.09	18.0	300	
70	63.35	15.29	6.06	177.72	-12.60	0.08	13.6	300	
75	63.30	15.51	6.06	177.49	-12.60	0.08	11.8	300	
80	63.30	15.10	6.06	178.01	-10.2	0.09	12.9	300	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1423 Total volume of groundwater purged: 16 gallon(s). *Specific Gravity:* 1.116

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0275-04 **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * Purged 10 gallons out before starting Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-435

Site Name: SB915 Closure / SCA | Sampling Method: Bailer | Field Personnel: CAH + MDM

Site Location: Camillus, NY | Pump Type Used: | Date: ~~8/4~~ 8/5/15

Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sun/clouds 75

Well Information:

Installed Depth of Well*: ____ ft. bmp

Measured Depth of Well*: 46.95 ft. bmp

Depth to Water*: 40.02 ft.

Length of Water Column: 6.93 ft.

Well Volume Multipliers:

× 2 in. = 0.163 gal/ft

Well Volume: ____ gal.

Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: ____

Start Purge Time: ____

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm, mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
—	40.02	17.69	11.67	7308.9	-15.1	3.75	4.04	—	
	40.97								
	~~8/5/15~~								
8/5/15 14:40	40.97	17.71	11.95	7917.6	12.6	5.81	3.92	—	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: 1.5 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0275-05 **Sample Time:** 14:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-405

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH + MDM
Site Location: Camillus, NY | Pump Type Used: | Date: 8/5/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sun/clouds 75

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 45.03 ft. bmp
Depth to Water*: 42.50 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH + MDM
Site Location: Camillus, NY | Pump Type Used: | Date: 8/5/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sun/clouds 75

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 36.09 ft. bmp
Depth to Water*: 35.40 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH + MJDM
Site Location: Camillus, NY | Pump Type Used: | Date: 8/5/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sun/clouds 75

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 35.29 ft. bmp
Depth to Water*: 33.47 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* Not enough water to Sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WG-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH + MJDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/6/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny 75°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 68.77 ft. bmp
Depth to Water*: 25.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
x 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: Color: Clear | Odor: Sulfur Smell | Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.57	13.75	7.63	1.50	-110.00	0.14	7.33	400	1.004
10	25.57	12.79	7.63	1.60	-78.70	0.08	4.12	400	
15	25.58	12.93	7.34	1.50	-70.00	0.06	3.38	400	
20	25.58	13.10	7.33	1.60	-66.10	0.05	2.55	400	
25	25.58	13.16	7.32	1.60	-63.60	0.05	3.08	400	
30	25.58	13.20	7.33	1.60	-62.40	0.04	3.56	400	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:24 | Total volume of groundwater purged: 3 gallon(s). | *Specific Gravity:* 1.004

Final Observations: Color: clear | Odor: NO | Sheen/Free Product: NO

Sample ID: SB915-0276-01 | **Sample Time:** 14:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri pump	Date:	8-6-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	75°F, Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 82.00 ft. bmp
Depth to Water*: 15.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 9:39

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.70	12.15	6.18	122.18	-18.50	0.10	18.3	480	1.064
10	15.72	11.74	6.19	122.90	-15.40	0.05	5.52	480	
15	15.73	11.65	6.21	122.95	-14.80	0.03	4.03	480	
20	15.75	11.58	6.22	123.11	-14.40	0.03	3.35	480	
25	15.76	11.50	6.23	124.15	-14.30	0.03	3.48	480	
30	15.77	11.59	6.24	123.25	-14.40	0.02	2.06	480	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:12 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.066

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0276-02 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ★ IPod reset.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-GW3-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/6/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sun/clouds 75

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 74.24 ft. bmp
Depth to Water*: 8.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:16
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.32	13.46	6.59	96.20	-0.00	0.07	22.5	400	1.055
10	8.32	13.22	6.59	95.40	-1.40	0.05	17.1	400	
15	8.32	13.17	6.51	94.90	-1.80	0.04	16.5	400	
20	8.32	13.36	6.50	94.40	-2.70	0.04	16.6	400	
25	8.32	13.33	6.49	94.10	-2.30	0.03	15.1	400	
30	8.32	13.13	6.49	94.30	-1.50	0.03	12.6	400	1.052
35	8.32	13.36	6.49	94.50	-1.10	0.03	11.7	400	
40	8.32	13.53	6.48	93.90	-0.70	0.03	9.43	400	
45	8.32	13.45	6.48	94.00	-0.20	0.03	8.00	400	
50	8.32	13.53	6.47	94.70	0.30	0.03	5.79	400	
55	8.32	13.44	6.46	94.30	0.60	0.03	4.98	400	
60	8.32	13.39	6.46	94.20	1.20	-0.03	5.30	400	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:18 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.052
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0276-03/04(FD) **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri pump | Date: 8-6-15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 75

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 13.05 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:20
Initial Observations: Color: Grey Odor: NO Sheen/Free Product: NS

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
13.09 ↔ 5		12.71	6.66	109.81	-74.00	0.06	68.1	480	1.058
10	13.10	12.66	6.61	101.86	-75.20	0.05	67.6	480	
15	13.12	12.37	6.69	100.66	-78.50	0.03	74.0	480	
20	13.12	12.38	6.58	107.47	-52.30	0.02	52.2	480	
25	13.12	12.29	6.77	111.45	-86.30	0.02	23.5	480	
30	13.12	12.24	6.80	111.06	-85.70	0.01	23.3	480	
35	13.12	12.21	6.82	109.69	-84.30	0.01	18.1	480	1.058
40	13.12	12.15	6.82	112.02	-83.50	0.01	19.5	480	
45	13.12	12.22	6.82	111.47	-82.20	0.01	14.4	480	
50	13.12	12.20	6.82	110.68	-82.10	0.01	14.1	480	
55	13.12	12.20	6.78	111.42	-79.60	0.01	13.5	480	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:15 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.058
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0276-05, 06, 07 (MS, MSD) **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: Dead ants in water

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/7/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.98 ft. bmp
Depth to Water*: 5.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:38
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.28	17.38	6.41	2.85	87.30	2.16	6.12	220	1.002
10	6.85	18.11	6.68	1.98	72.80	2.70	2.61	240	
15	7.11	18.51	6.79	1.59	71.00	3.20	0.97	210	
20	7.41	18.51	6.75	1.53	74.30	3.16	1.14	210	
25	7.79	18.42	6.68	1.47	76.70	3.24	0.91	200	
30	8.05	18.73	6.79	1.52	74.50	3.14	0.58	180	1.000
35	8.25	19.18	6.81	1.49	73.50	3.30	0.83	220	
40	8.43	18.38	6.68	1.44	79.30	3.13	0.86	220	
45	8.63	18.62	6.80	1.46	73.70	3.11	0.99	190	
50	8.84	18.55	6.79	1.42	75.80	3.09	0.95	220	
55	9.05	18.47	6.81	1.52	74.70	3.14	0.49	220	
60	9.31	18.29	6.81	1.53	74.20	2.79	0.86	220	1.000
65	9.60	18.68	6.84	1.37	74.30	2.93	0.43	220	
* 70	10.00						0.61	220	
5	10.74	18.85	6.88	1.38	78.30	3.08	0.89	180	1.000
10	10.95	18.86	6.87	1.56	76.40	2.65	0.68	180	
15	11.27	18.10	6.80	1.55	77.50	2.67	0.81	180	
20	11.51	17.79	6.80	1.68	76.00	2.68	0.83	180	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0277-01 **Sample Time:** 12:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * IPod overheated

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/7/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny Clouds 75°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 44.82 ft. bmp
Depth to Water*: 8.84 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:51
Initial Observations: Color: clear w/ clouds Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.00	14.78	7.02	6.02	-71.70	0.08	44.5	350	1.002
10	10.09	14.66	6.93	11.43	-68.80	0.06	66.6	350	
15	10.19	14.11	6.89	21.33	-75.00	6.04	54.5	350	
20	10.32	14.03	6.90	24.28	-75.00	0.03	32.2	350	
25	10.50	14.02	6.87	29.78	-73.20	0.03	14.2	400	
30	10.47	13.90	6.90	30.62	-72.70	0.03	9.23	360	1.014
35	10.44	14.07	6.91	30.95	-71.60	0.03	5.85	360	
40	10.41	14.20	6.89	33.01	-69.80	0.04	3.34	360	
45	10.60	13.71	6.90	33.02	-68.10	0.05	2.46	380	
50	10.54	14.02	6.89	35.25	-66.30	0.02	3.04	360	
* 55	10.58		~~6.89~~	~~3~~			3.03	360	
60	10.60	13.95	6.86	38.52	-63.70	0.02	3.26	360	1.020
65	10.52	13.97	6.84	40.75	-61.60	0.02	3.47	360	
70	10.48	14.16	6.83	41.49	-61.00	0.02	2.02	360	
75	10.52	14.07	6.84	41.37	-60.80	0.03	1.49	360	
80	10.53	14.06	6.83	43.14	-59.20	0.03	3.42	360	
85	10.47	14.30	6.80	46.07	-57.80	0.02	2.02	360	
90	10.58	14.23	6.82	44.27	-58.50	0.03	1.20	360	1.022
** 95	10.58	14.09	6.80	47.28	-57.1	0.02	0.90	360	
100	10.62	14.01	6.80	47.22	-56.70	0.03	1.23	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1445 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.022
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* NO

Sample ID: SB915-0277-02 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: * Data not recorded in In-Situ.
** Data recorded from Live reading

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-106I

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: MDM | Date: 8-7-15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	10.68	13.50	6.79	49.48	~~D108~~ 3580	0.03	0.01	360	
110	10.68	13.67	6.80	50.07	-54.20	0.02	1.04	360	

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri pump | Date: 8-7-15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 75°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.06 ft. bmp
Depth to Water*: 5.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:43
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~5.47~~	6.61 16.60	7.31	7.50	-38.50	0.03	6.17	320	1.002
10	6.78	16.79	7.28	4.20	-18.60	0.01	4.87	430	
15	7.40	16.78	7.23	3.60	-10.80	0.02	2.13	440	
20	7.55	17.27	7.22	3.20	-7.70	0.03	3.41	440	
25	7.75	17.24	7.21	2.90	-5.10	0.20	10.09	440	
30	7.95	17.40	7.21	2.70	-5.30	0.08	3.81	440	
35	8.21	17.49	7.21	2.40	-5.30	0.11	2.39	440	
40	8.43	17.54	7.23	2.20	-5.30	0.22	1.72	440	
45	8.65	17.65	7.24	2.00	-5.30	0.29	1.33	440	
50	8.81	17.79	7.25	1.90	-5.80	0.25	1.49	440	
55	9.02	17.85	7.24	1.80	-5.70	0.21	1.25	440	
60	9.17	17.94	7.25	1.80	-5.90	0.20	1.09	440	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:44 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0277-03 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8.7.15
Project #: 1163.61104 | Pump/Controller ID#: ——— | Weather: ~70°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 28.13 ft.
Length of Water Column: 47.10 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1033
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.16	13.28	6.~~89~~69	1.15	89.40	0.14	12.0	470	1.000
10	28.16	12.83	6.78	1.22	86.10	0.36	4.86	470	
15	28.16	12.96	6.81	1.29	85.30	0.18	5.32	470	
20	28.16	12.92	6.82	1.33	83.30	0.22	9.84	470	
25	28.16	12.91	6.83	1.33	83.30	0.30	11.47	470	
30	28.16	12.87	6.84	1.33	81.50	0.42	9.57	470	
35	28.16	13.23	6.84	1.31	81.10	0.48	8.30	470	
40	28.16	13.19	6.85	1.33	80.60	0.54	6.01	470	
45	28.16	12.91	6.84	1.32	80.20	0.63	6.75	470	
50	28.16	13.19	6.85	1.31	~~79~~.80	0.70	7.51	470	
55	28.16	13.01	6.85	1.32	79.40	0.73	7.46	470	
60	28.16	13.03	6.86	1.30	78.90	0.79	6.52	~~9~~470	
65	28.16	12.99	6.86	1.32	78.50	0.81	6.81	470	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1141 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0277-04 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	MDM
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	8/6/15
Project #:	1163.61104	Pump/Controller ID#:	FA001139	Weather:	Sun 75

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.15 ft. bmp
Depth to Water*: 10.20 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

x 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:24

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.78	14.31	6.80	64.00	-83.50	0.06	7.19	400	1.032
10	14.03	14.17	6.75	64.40	-77.10	0.13	4.76	350	
15	15.29	14.22	6.74	62.90	-72.70	0.30	4.57	300	
20	15.55	15.05	6.77	61.80	-65.30	2.00	4.27	200	
25	15.60	15.61	6.79	64.20	-55.30	2.71	3.45	120	
30	15.61	15.90	6.80	67.80	-47.70	3.43	2.40	120	1.032
35	15.60	16.16	6.80	67.70	-44.00	3.50	2.67	120	
40	15.60	16.47	6.81	59.80	-40.80	4.38	2.75	120	
45	15.60	16.67	6.84	66.10	-38.70	4.67	1.91	100	
50	15.63	16.86	6.86	52.50	-37.60	5.32	2.42	100	
55	15.63	17.21	6.86	69.80	-36.80	4.95	2.07	100	
60	15.63	17.36	6.88	66.30	-37.50	5.29	2.47	100	1.032
65	15.63	17.23	6.90	63.90	-36.80	5.69	2.15	100	
70	15.63	17.50	6.92	66.80	-37.60	5.73	2.42	100	
75	16.8	17.78	6.93	65.70	-38.30	5.89	2.56	—	
80	17.87	14.44	6.79	63.90	-43.20	0.62	2.78	—	
85	18.2	14.56	6.79	62.60	-46.30	0.41	—	—	
90	Dry	14.31	6.83	62.70	-57.60	0.40	—	—	
8/7/15 12:10 —	10.21	21.38	7.10	63.90	-94.40	2.10	2.92	—	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.032

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0277-05 **Sample Time:** 12:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8-7-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~75°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.85 ft. bmp
Depth to Water*: 25.21 ft.
Length of Water Column: 1.64 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 0.26 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1218

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
26.20									
5	~~28.20~~	14.69	11.16	11.20	-20.5	2.19	2.86	120	1.002
10	well	went dry, no		sample	collected				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA01406
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: — | Date: 8.7.15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~75°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 39.40 ft. bmp
Depth to Water*: 33.18 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Monitoring well does not produce enough water to								
	collect	expanded		analysis					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP, CAH
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/10/15
Project #: 1163.61104 | Pump/Controller ID#: FA00616 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.35 ft. bmp
Depth to Water*: 29.12 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:18
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.15	11.93	6.48	54.7	-56.7	0.06	65.9	360	1.020
10	29.15	11.78	6.48	55.0	-51.1	0.06	12.6	360	
15	29.15	11.88	6.48	55.2	-49.1	0.05	9.24	360	
20	29.15	11.74	6.48	55.8	-45	0.04	9.53	360	
25	29.15	11.73	6.49	56.0	-41.4	0.04	9.99	360	
30	29.15	11.73	6.49	56.9	-39.3	0.04	10.3	360	XXXXX
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:45 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* XXXXX
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0278-01 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name:	SB915 Closure / SCA	Sampling Method:	Purge	Field Personnel:	CAH + TBP
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	8-10-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	80+Sun.

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.60 ft. bmp
Depth to Water*: 7.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Purge	–	17.44	6.25	114.90	19.5	6.65	9.19	Purged Dry	1.062
8/11/15 @900	7.61	14.91	6.21	110.50	26.1	2.83	8.20	–	1.064
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.064

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0279-01 **Sample Time:** 0900

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01329
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8.11.15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~72°F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 154.84 ft. bmp
Depth to Water*: 28.58 ft.
Length of Water Column: 126.26 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 11:00
Initial Observations: Color: V. light brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X 5	95.88	12.78	5.91	130.99	223.80	0.80	40.0	500	1.078
10	96.00	13.28	5.89	129.46	182.50	0.78	39.0	500	
15	96.02	13.64	5.93	132.84	106.60	0.56	35.1	500	
20	96.18	14.11	6.05	132.87	68.50	0.35	29.2	500	
25	96.20	14.45	6.15	131.82	46.30	0.26	19.0	~~500~~ 480	
30	96.25	14.45	6.23	132.08	34.10	0.21	13.0	480	
35	96.30	14.78	6.28	131.29	26.70	0.17	11.7	480	
40	96.32	15.00	6.33	130.41	21.90	0.15	10.99	480	
45	96.28	14.84	6.36	130.68	17.40	0.14	9.52	480	
50	96.25	~~14.68~~ 14.69	6.39	131.38	16.20	0.13	9.37	480	
55	96.20	14.64	6.41	131.19	13.60	0.11	8.73	480	
60	96.14	14.62	6.43	131.73	11.00	0.09	7.40	480	
65	96.00	14.82	6.45	131.38	9.00	0.08	~~6.09~~ 7.03	480	
70	95.90	14.73	6.46	130.76	8.80	0.09	6.09	480	
75	95.90	14.80	6.47	131.89	8.00	0.08	5.34	480	
80	95.90	14.82	6.48	131.06	6.90	0.07	5.45	480	
85	95.80	14.88	6.49	130.49	~~6.7~~ 7.40	0.06	5.62	480	
90	95.75	14.88	6.49	130.89	6.60	0.06	5.67	480	1.080
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1242 Total volume of groundwater purged: ~~8~~ 18.25 gallon(s). *Specific Gravity:* 1.080
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0279-02 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: X Purged ~13 gallons before first reading of Low-Flow

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	8-11-15
Project #:	1163.61104	Pump/Controller ID#:	FA2452396 / 019231	Weather:	Cloudy, 70°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 197.89 ft. bmp
Depth to Water*: 78.39 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:40

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
★ 5	170.35	16.69	7.05	64.80	1.90	0.27	20.7	300	1.030
10	170.63	16.56	7.03	64.76	3.60	0.36	30.6	300	
15	171.06	15.79	7.04	64.31	5.80	0.42	32.4	300	
20	171.82	15.66	7.06	65.54	5.10	0.41	29.0	300	
25	172.47	16.41	7.08	66.24	0.70	0.38	23.0	260	
30	173.19	17.18	7.13	66.13	-6.70	0.33	18.5	260	1.030
35	173.82	17.23	7.16	66.51	-12.20	0.30	17.2	240	
40	173.80	17.30	7.18	66.29	-13.90	0.31	16.6	200	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 21 gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0279-~~04~~03 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	F400413
Other:			

Notes: ★ Purged down to ~170Ft. 17 gallons

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Grundfos	Date:	8/11/15
Project #:	1163.61104	Pump/Controller ID#:	16981	Weather:	70s mostly cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 90.2 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:57

Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X 5	114.5	12.49	7.23	156.01	-70.2	0.08	63.3	>1000	1.100
X 10	116.4	12.59	7.25	156.3	-77.6	0.07	51.2	>1000	
X 15	128.65	13.66	7.23	159.22	-81.4	0.07	42.1	>1000	
X 20	136.35	14.18	7.25	155.43	-84.5	0.08	38.2	>1000	
X 25	144	14.64	7.22	158.41	-83.0	0.06	34.0	>1000	
X 30	154.9	15.14	7.26	152.93	-93.2	0.05	36.4	>1000	
X 35	166.5	15.13	7.23	152.01	-73.6	0.08	45.0	>1000	
40	168.1	16.77	7.21	150.41	-69.4	0.09	38.1	220	1.096
45	169.45	16.10	7.22	148.61	-61.4	0.12	41.5	220	
50	170.03	16.09	7.20	150.17	-57.3	0.15	36.5	220	
55	170.35	15.21	7.16	152.57	-54.1	0.17	31.3	220	
60	170.3	14.66	7.12	155.14	-49.3	0.17	45.6	140	
65	170.4	14.97	7.08	165.36	-47.1	0.18	24.7	140	
70	170.2	15.34	7.06	156.59	-45.3	0.18	33.1	140	
75	170.1	16.1	7.04	154.72	-44.9	0.18	26.6	140	
80	169.83	16.38	7.03	154.79	-43.6	0.19	26.5	140	
85	170.0	15.56	7.01	156.32	-39.3	0.20	20.9	140	
90	169.8	16.1	6.98	156.32	-38.9	0.20	20.4	140	
95	169.9	15.06	6.96	157.79	-35.6	0.20	19.3	140	1.092
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1134 Total volume of groundwater purged: 18 gallon(s). *Specific Gravity:* 1.092

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0280-01 **Sample Time:** 11:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: X Purged ~15 gallons

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8-12-15
Project #: 1163.61104 | Pump/Controller ID#: D. | Weather: Cloudy, rain, Sun, 70

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.10 ft. bmp
Depth to Water*: 81.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:50
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	81.52	14.55	7.33	12.20	-64.60	0.26	22.7	480	1.004
10	81.52	13.95	7.31	11.50	-60.90	0.12	light black	480	
15	81.52	15.05	7.30	9.60	-64.60	0.09	37.3	480	
20	81.52	15.15	7.27	8.40	-64.70	0.08	25.0	480	
25	81.52	15.64	7.25	7.60	-64.70	0.07	16.6	480	
30	81.52	15.97	7.25	7.00	-64.80	0.06	11.07	480	
35	81.52	16.12	7.25	6.50	-64.30	0.05	8.71	480	1.002
40	81.52	16.20	7.24	6.10	-63.40	0.05	6.93	480	
45	81.52	15.71	7.22	5.80	-60.50	0.04	6.30	480	
50	81.52	15.49	7.20	5.60	-58.60	0.03	7.12	480	
55	81.52	15.57	7.19	5.40	-57.40	0.03	4.67	480	
60	81.52	15.96	7.20	5.30	-57.60	0.03	4.26	480	
65	81.52	15.93	7.22	5.20	-57.40	0.03	2.56	480	1.000
70	81.52	16.03	7.20	5.10	-56.30	0.03	1.72	480	
75	81.52	16.11	7.19	5.00	-55.50	0.02	1.92	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:05 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0280-02 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JLwB
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8-12-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~68°F Sun/Rain

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.37 ft. bmp
Depth to Water*: 36.30 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1046
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	38.80	14.46	12.10	42.94	-92.80	0.85	22.1	200	1.020
10	39.55	13.87	12.35	32.59	-87.50	2.88	14.8	200	
15	40.13	14.07	12.48	27.31	-78.10	4.24	8.67	200	
20	40.72	14.32	12.51	28.01	-76.80	4.44	7.25	200	
25	41.20	15.30	12.49	30.62	-87.60	4.00	8.59	200	
30	41.85	15.95	12.47	32.94	-89.20	3.47	4.07	200	
35	42.25	16.97	12.43	35.37	-104.80	2.86	3.79	200	
45	42.70	17.20	12.42	36.48	-111.10	2.58	3.69	200	
50	43.05	16.68	12.44	37.09	-111.80	2.38	3.46	200	
55	43.17	16.44	12.43	38.77	-118.80	2.12	3.51	200	
60	43.20	16.32	12.43	39.75	-122.50	1.85	5.74	200	
65	43.40	17.00	12.42	40.32	-120.50	1.54	5.17	200	
70	43.70	17.47	12.40	41.50	-127.90	1.21	4.64	200	
75	44.00	17.69	12.40	42.07	-132.10	0.91	4.18	200	
80	44.15	17.87	12.40	41.15	-126.90	0.85	3.77	200	
85	44.20	18.09	12.42	40.14	-132.60	0.99	4.56	200	
90	44.22	17.87	12.42	40.81	-131.50	0.94	3.20	200	
95	44.50	18.05	12.43	40.92	-127.80	0.92	3.66	200	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1217 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0280-03 **Sample Time:** 1240

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB/CAH/TBP
Site Location: Camillus, NY | Pump Type Used: Grundfos | Date: 8-12-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~70°F Sun/Clouds

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 65.60 ft. bmp
Depth to Water*: 53.09 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1308
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	53.24	12.73	9.86	1.15	3.50	0.43	3.72	480	1.000
10	53.29	13.12	9.47	1.13	6.20	0.41	2.65	480	
15	53.29	13.09	9.15	1.13	0.60	0.48	1.90	480	
20	53.31	13.01	8.88	1.12	-21.90	0.34	1.42	480	
25	53.32	12.90	8.69	1.11	-50.90	0.26	1.44	480	
30	53.33	12.88	8.55	1.10	-60.70	0.17	0.98	480	
35	53.33	12.87	8.44	1.10	-60.40	0.15	0.76	480	
40	53.33	12.99	8.36	1.09	-61.40	0.12	0.67	480	
45	53.33	13.02	8.29	1.09	-59.90	0.10	0.60	480	
50	53.33	13.09	8.25	1.08	-61.20	0.08	0.52	480	
55	53.33	13.10	8.21	1.07	-61.80	0.08	0.52	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:03 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0280-04 **Sample Time:** 14:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: — | Date: 8-12-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~72°F Sun/Clds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.70 ft. bmp
Depth to Water*: 15.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____
Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____
Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: [1] — | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: — | Date: 8-12-15

Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~72°F Sun/Clouds

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.60 ft. bmp

Depth to Water*: 18.00 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri pump | Date: 8-7-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Sunny 75°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 18.34 ft. bmp
Depth to Water*: 12.79 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:42
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.44	14.09	6.92	1.40	38.60	3.59	0.95	300	1.002
10	13.80	13.85	6.88	1.40	29.40	2.33	0.46	300	
15	14.30	13.82	6.89	1.50	26.80	1.42	0.35	300	
20	14.73	13.81	6.90	1.50	24.70	1.04	0.04	300	
25	15.20	13.79	6.90	1.50	24.20	0.86	0.10	240	
★ 30	15.50	14.22	6.92	1.50	23.90	0.74	0.00	180	
35	15.72	14.76	6.94	1.50	24.60	0.59	0.35	180	
40	15.95	14.72	6.98	1.50	20.50	0.49	0.00	180	1.000
45	16.18	14.81	6.97	1.50	20.10	0.41	0.37	180	
50	16.45	14.85	6.98	1.50	19.50	0.36	0.24	180	
55	Purged	Dry							
8-10-15 9:40	14.12	18.67	6.81	1.60	136.3	7.26	1.95	— Purged Dry	1.000
1431	16.75								
8-11-15 830	16.18	+							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:37 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:*
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ★ IPod did not record
+ well did not recover enough, no sample collected.

APPENDIX B

4th Quarter 2015 Groundwater Sampling Logs

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	10-19-15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Sun, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 96.50 ft. bmp
Depth to Water*: 23.07 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:14

Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.68	12.54	7.07	2.91	-83.50	3.26	1332AU	260	1.004
10	24.57	11.58	7.05	2.91	-28.40	0.03	23.8	300	
15	24.87	11.56	7.02	2.94	-19.60	0.01	34.6	300	
20	25.10	11.72	7.01	2.93	-17.70	0.00	23.8	300	
25	25.22	11.76	7.00	2.93	-17.00	0.00	17.8	300	
30	25.44	11.92	6.99	2.92	-12.50	0.00	12.2	300	1.002
35	25.40	11.90	6.98	2.92	-9.90	0.00	10.79	300	
40	25.37	11.99	6.98	2.91	-9.60	0.00	8.19	300	
45	25.43	12.00	6.98	2.92	-8.90	0.00	7.90	300	
50	25.46	12.04	6.98	2.91	-6.70	0.00	8.59	300	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:04 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0281-01,02,03 (MS/MSD) **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	10-19-15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Sun, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.85 ft. bmp
Depth to Water*: 29.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1148

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.59	12.21	7.44	0.91	-83.00	0.01	4.96	360*	1.000
10	29.59	12.00	7.39	0.95	-80.00	0.00	4.88	360	
15	29.59	12.23	7.36	0.99	-77.50	0.00	6.65	360	
20	29.59	12.13	7.34	1.03	-72.80	0.03	10.22	360	
25	29.59	11.91	7.35	1.02	-71.30	0.00	5.77	360	
30	29.59	11.63	7.31	1.05	-69.90	0.00	4.36	360	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:19 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0281-04 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: *No screwdriver to change head of peri pump to high speed. Should be able to flow at 500ml/min.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/15
Project #: 1163.61104 | Pump/Controller ID#: FA 01238 | Weather: Sunny 40s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 62.22 ft. bmp
Depth to Water*: 18.84 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1026
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.88	12.52	6.05	92.6	-54.6	0.00	32.4	380	1.048
10	18.84	12.20	6.23	92.5	-59.1	0.00	12.6	460	
15	18.86	12.21	6.33	92.1	-59.6	0.00	12.6	460	
20	18.89	12.28	6.38	91.5	-58.8	0.00	6.02	460	
25	18.88	12.20	6.43	92.20	-57.8	0.00	3.77	460	
30	18.86	12.10	6.43	92.6	-56.7	0.00	4.26	460	
35	18.88	12.15	6.47	91.9	-55.7	0.00	3.69	460	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1102 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.046
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915 0281 - 05, 06 (FD) **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	JBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/19/15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sunny 40's

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.70 ft. bmp
Depth to Water*: 17.8 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1134

Initial Observations: Color: Clear/slightly cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.85	12.34	6.89	18.60	-44.0	0.00	68.7	420	1.006
10	17.83	11.99	6.90	18.5	-45.1	0.06	56.7	420	
15	17.85	12.00	6.90	18.6	-43.6	0.03	31.4	420	
20	17.84	12.15	6.90	18.5	-42.9	0.00	17.3	420	
25	17.84	12.11	6.90	18.5	-42.2	0.00	11.02	420	
30	17.84	12.01	6.91	18.5	-41.9	0.08	8.31	420	
35	17.84	11.88	6.90	18.6	-41.9	0.07	6.74	420	
40	17.84	11.97	6.90	18.6	-41.2	0.09	3.74	420	
45	17.84	11.92	6.91	18.6	-41.2	0.05	3.33	420	
50	17.84	11.83	6.91	18.6	-40.9	0.00	2.57	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1226 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0281-07 **Sample Time:** 1240

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA6174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name:	SB915 Closure / SCA	Sampling Method:	LowFlow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/19/15
Project #:	1163.61104	Pump/Controller ID#:	FA 61238	Weather:	40's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.86 ft. bmp
Depth to Water*: 19.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1339

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.9	13.93	6.72	13.6	-58.6	0.01	24.8	460	1.006
10	12.9	13.58	6.69	13.0	-60.8	0.00	17.4	460	
15	12.9	13.51	6.69	12.7	-61.5	0.00	12.7	460	
20	12.91	13.48	6.69	12.3	-61.9	0.00	6.82	460	
30	12.9	13.39	6.69	12.3	-62.0	0.00	4.92	460	
35	12.9	13.38	6.68	12.2	-61.7	0.00	4.15	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1415 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0281-08 **Sample Time:** 1425

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011-14
Turbidity Meter:	LaMotte	2020we	FA00169
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	10-14-15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Sun, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 27.11 ft. bmp
Depth to Water*: 25.71 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:37

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.49	13.41	7.08	1.19	2.80	0.69	33.0	140	1.000
10	26.49	14.36	7.07	1.25	10.40	7.01	15.0	100	
15	26.49	15.01	7.09	1.25	6.20	7.49	11.0	100	
20	26.73	15.54	7.11	1.21	-8.70	6.85	12.7	100	
25	27.01	13.55	7.06	1.23	7.50	1.97	34.4	100	
30	*DRY	—	—	—	—	—	—	—	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:05 Total volume of groundwater purged: 1 gallon(s). *Specific Gravity:* —

Final Observations: *Color:* Brown *Odor:* NO *Sheen/Free Product:* NO

Sample ID: — **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * Not enough water to sample.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WR-05M

Site Name: SB915 Closure / SCA | Sampling Method: ~~Peristaltic~~ Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/20/15
Project #: 1163.61104 | Pump/Controller ID#: FA0039 | Weather: Cloudy 50s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.72 ft. bmp
Depth to Water*: 19.68 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1026
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.75	12.21	7.10	31.1	-119.4	0.98	6.14	500	1.010
10	19.72	11.94	7.08	33.7	-121.0	0.48	6.27	500	
15	19.75	11.87	7.01	34.3	-124.4	0.2	5.29	500	
20	19.75	11.81	7.08	34.4	-126.7	0.08	4.81	500	
25	19.75	11.83	7.08	34.3	-128.6	0.03	4.72	500	
30	19.75	11.84	7.08	34.2	-129.9	0.00	3.78	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0282-01 **Sample Time:** 1015

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-20-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~55°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 121.60 ft. bmp
Depth to Water*: 17.10 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1075

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.12	12.19	5.98	136.23	-10.30	0.04	13.4	448	1.046
10	17.12	12.06	6.00	134.68	3.00	0.01	4.85	440	
15	17.12	12.01	6.03	135.55	7.10	0.00	3.62	440	
20	17.12	11.96	6.04	135.23	10.00	0.00	4.47	440	
25	17.12	11.92	6.05	135.60	11.90	0.00	3.80	440	
30	17.12	11.88	6.06	136.08	13.10	0.00	3.73	440	
35	17.12	11.88	6.07	136.06	13.60	0.00	3.82	440	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1160 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.076

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0282-02 **Sample Time:** 1110

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FM02122
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bail~~ Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/20/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Cloudy 50

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 19.64 ft. bmp
Depth to Water*: 9.90 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1148
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.65	12.54	6.75	86.9	-65.0	0.02	5.05	500	1.044
10	10.65	12.53	6.68	86.8	-60.1	0.00	2.80	500	
15	10.65	12.57	6.66	86.7	-60.4	0.00	2.57	500	
20	10.65	12.61	6.65	86.7	-60.6	0.00	2.29	500	
25	10.65	12.58	6.65	86.4	-60.6	0.00	2.36	500	
30	10.65	12.70	6.65	86.4	-60.7	0.00	2.36	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.044

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-028Z-03 **Sample Time:** 1235

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA60109
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-20-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~55°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 9.73 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 1149

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.78	12.80	6.57	23.20	-7.60	0.01	19.3	500	1.010
10	9.80	12.74	6.52	23.44	-3.50	0.00	13.7	500	
15	9.79	12.79	6.50	23.38	-2.00	0.00	11.24	500	
20	9.79	12.84	6.49	23.36	-0.50	0.00	5.81	500	
25	9.79	12.83	6.48	23.36	0.30	0.00	3.83	500	
30	9.79	12.93	6.48	23.29	1.40	0.00	2.82	500	
35	9.79	12.95	6.47	23.31	1.70	0.00	1.68	500	
40	9.79	12.94	6.47	23.34	2.10	0.00	1.49	500	
45	9.79	12.94	6.47	23.34	2.10	0.00	1.45	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0282-04 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: | Date: 10-20-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 14.60 ft. bmp
Depth to Water*: Dry ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	Well is Dry.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-21-15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Humid, 60, sun to cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 54.42 ft. bmp
Depth to Water*: 16.96 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:00
Initial Observations: Color: light black + tan Odor: Yes, sulfur, bad Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.12	12.36	7.12	45.75	-119.50	0.00	45.0	500	1.022
10	21.55	12.20	7.26	44.82	-128.00	0.00	56.6	500	
15	22.76	12.14	7.20	41.80	-120.10	0.00	47.3	500	
20	23.24	12.13	7.11	37.91	-108.20	0.00	23.6	500	
25	23.70	12.09	7.05	35.13	-100.00	0.00	15.8	500	
30	23.95	12.06	7.00	33.60	-92.60	0.00	12.3	500	1.016
35	24.20	12.01	6.97	32.36	-87.20	0.00	7.99	480	
40	24.38	11.97	6.95	31.00	-82.50	0.00	7.46	480	
45	24.47	11.97	6.93	30.04	-79.80	0.00	7.85	480	
50	24.53	12.00	6.93	28.77	-78.20	0.00	5.13	480	
55	24.55	12.00	6.92	28.26	-75.80	0.00	6.13	480	
60	24.55	12.00	6.92	27.39	-74.70	0.00	4.44	480	1.012
65	24.53	11.96	6.91	27.03	-73.70	0.00	3.94	480	
70	24.46	12.01	6.91	26.43	-72.90	0.00	3.59	480	
75	24.60	11.94	6.90	25.84	-72.20	0.00	3.37	480	
80	24.71	11.92	6.91	25.35	-72.20	0.00	3.29	480	
85	24.75	11.95	6.90	25.29	-71.50	0.00	2.93	480	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:25 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* Yes, sulfur *Sheen/Free Product:* NO

Sample ID: SB915-0283-01 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	10-21-15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Cloudy, 60, Sprinkles

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.41 ft. bmp
Depth to Water*: 3.22 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:41

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.30	14.08	12.01	38.90	-113.40	0.00	8.99	500	1.016
10	3.35	14.03	12.08	39.36	-102.20	0.00	8.16	500	
15	3.35	14.07	12.10	39.35	-97.50	0.00	5.86	500	
20	3.35	14.11	12.11	39.43	-94.40	0.00	4.05	500	
25	3.35	14.12	12.12	39.48	-92.50	0.00	2.94	500	
30	3.35	14.11	12.13	35.77	-90.60	0.53	2.16	500	1.016
35	3.35	14.19	12.13	39.51	-90.20	0.03	2.45	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:12 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.016

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0283-02 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: A Tubing came off,

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/29/15
Project #: 1163.61104 | Pump/Controller ID#: FA01816 | Weather: 50's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 17.81 ft. bmp
Depth to Water*: 9.23 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0952
Initial Observations: Color: Clear w/ Black Particulates Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.21	15.8	6.99	6.27	-113.9	0.55	7.4	360	1.004
10	10.33	15.79	7.02	6.57	-128.5	0.20	9.58	360	
15	10.46	15.75	7.06	6.72	-138.5	0.07	8.38	360	
20	10.55	15.60	7.10	6.88	-146.2	0.03	7.74	360	
25	10.6	15.57	7.13	6.9	-151.0	0.00	8.19	360	
30	10.65	15.52	7.16	6.92	-154.5	0.00	7.52	360	
35	10.72	15.53	7.18	6.98	-157.4	0.00	4.02	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1030 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: Sulfur Sheen/Free Product: NO

Sample ID: SB915-0283-03 **Sample Time:** 1050

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013785
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/21/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 50's ~~Sunny~~ cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.20 ft. bmp
Depth to Water*: 4.16 ft.
Length of Water Column: ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1109
Initial Observations: Color: Clear Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, circle units: mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.4	14.39	~~7.06~~	6.09	-85.4	0.05	7.3	480	1.000
10	5.55	14.54	7.00	~~6.81~~	-85.4	0.02	9.00	480	
15	5.64	~~14.57~~	6.99	6.48	-94.6	0.00	4.64	480	
20	5.67	14.58	6.99	6.54	-96.9	0.00	2.20	480	
~~25~~	5.7	14.62	6.98	6.58	-98.0	0.00	2.05	~~480~~	
30	5.71	14.63	6.98	6.60	-99.9	0.00	1.38	490	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1139 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0283-04 **Sample Time:** 1200

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10-21-15
Project #:	1163.61104	Pump/Controller ID#:	—	Weather:	~62°F Cloudy

Well Information:

Installed Depth of Well*:	ft. bmp	Well Volume Multipliers:	* Measurement Point:
Measured Depth of Well*:	20.05 ft. bmp	2 in. = 0.163 gal/ft	☒ Well Casing
Depth to Water*:	7.39 ft.	Well Volume: gal.	☐ Protective Casing
Length of Water Column:	ft.	Pump Intake Depth*: ft. bmp	☐ Other:

Start Purge Time: 1000

Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.82	16.42	6.37	30.80	-57.00	0.08	15.4	~~320~~ 210	1.016
10	8.20	16.62	6.37	30.10	-67.60	0.03	3.81	210	
15	8.46	16.69	6.40	29.70	-64.50	0.01	3.03	210	
20	8.63	16.66	6.42	29.50	-62.90	0.00	1.49	210	
25	8.85	16.65	6.43	29.10	-61.20	0.00	1.41	210	
30	9.06	16.64	6.44	28.70	-58.90	0.00	1.19	210	
35	9.22	16.57	6.44	28.30	-57.50	0.00	1.23	210	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1036 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.016

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0283 05 **Sample Time:** 1050

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: 10 Bottles

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-21-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~60°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.94 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1116
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.28	15.54	11.50	22.30	-316.90	0.03	2.58	320	1.010
10	4.28	15.55	11.54	22.30	-320.40	0.00	1.47	320	
15	4.28	15.59	11.54	22.20	-321.10	0.00	1.30	320	
20	4.28	15.60	11.53	22.20	-318.80	0.00	0.85	320	
25	4.28	15.63	11.52	22.10	-311.50	0.00	1.14	320	
30	4.28	15.67	11.51	22.10	-305.20	0.05	0.83	320	
35	4.28	15.68	11.51	22.20	-302.00	0.06	0.79	320	
40	4.28	15.64	11.51	22.20	-300.70	0.07	0.80	320	
45	4.28	15.64	11.50	22.20	-301.10	0.07	0.82	320	
50	4.28	15.67	11.50	22.30	-301.40	0.07	0.76	320	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0283-06 **Sample Time:** 1215

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-TMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-21-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~60°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 4.20 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1230

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.70	16.24	11.17	21.60	-278.70	0.06	7.88	340	1.008
10	4.72	16.52	11.12	20.70	-282.60	0.03	5.36	340	
15	4.76	16.56	11.02	19.90	-266.4	0.14	1.42	340	
20	4.78	16.57	11.08	20.30	-274.40	0.08	1.73	340	
25	4.78	16.57	11.14	21.00	-280.80	0.04	0.86	340	
30	4.80	16.57	11.17	21.30	-282.10	0.02	0.66	340	
35	4.80	16.55	11.19	21.60	-282.70	0.01	0.50	340	
40	4.80	16.53	11.21	21.70	-282.70	0.01	0.54	340	
45	4.80	16.55	11.22	21.90	-282.50	0.00	0.50	340	
50	4.80	16.56	11.23	22.10	-282.40	0.00	0.51	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1323 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0283-07 **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-mw-112I (was 117)

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/21/15
Project #: 1163.61104 | Pump/Controller ID#: FA01816 | Weather: 50's Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.54 ft. bmp
Depth to Water*: 16.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1300
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.8	11.75	6.56	84.91	6.7	0.02	30.6	460	1.04
10	16.85	11.57	6.58	84.56	4.2	0.00	30.1	460	
15	16.85	11.56	6.57	84.37	2.7	0.00	16.9	460	
20	16.85	11.52	6.56	83.75	2.3	0.00	10.41	460	
25	16.85	11.52	6.55	82.9	2.3	0.00	8.98	460	
30	16.85	11.52	6.55	82.89	1.90	0.00	4.04	460	
35	16.85	11.52	6.55	82.43	1.50	0.00	4.03	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1337 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.060 1.040
Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0283-08 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01725
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-21-15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Rain, 60

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.25 ft. bmp
Depth to Water*: 14.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:00
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.27	13.39	9.47	9.86	13.40	1.33	1.10	180	1.004
10	15.43	13.13	9.17	10.00	15.70	1.53	1.27	180	
15	15.58	13.07	8.92	10.23	17.70	1.28	1.00	180	
20	15.77	13.02	8.71	10.55	18.80	1.01	1.06	180	
25	15.92	12.98	8.56	10.79	19.10	0.79	0.86	180	
30	16.04	13.02	8.43	11.03	19.40	0.61	0.95	160	1.004
35	15.98	13.48	8.32	11.07	19.90	0.69	1.41	100	
40	16.18	12.98	8.25	11.26	20.20	0.40	1.20	160	
45	16.29	13.02	8.18	11.39	20.30	0.33	1.21	170	
50	16.29	13.25	8.12	11.52	20.40	0.31	1.55	100	
55	16.35	13.32	8.07	11.53	21.20	0.26	1.83	120	
60	16.40	13.34	8.03	11.58	21.30	0.22	1.29	120	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:00 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0283-09 **Sample Time:** 14:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-03S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/22/15
Project #:	1163.61104	Pump/Controller ID#:	FA01816	Weather:	50's Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.1 ft. bmp
Depth to Water*: 7.65 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1031

Initial Observations: Color: Clear/Blackish Bucket Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.99	14.67	6.00	63.60	0.70	0.12	4.67	240	1.018
10	9.4	14.64	6.03	62.80	-27.4	0.07	5.33	240	
15	9.86	14.65	6.19	57.20	-42.6	0.06	10.64	240	
20	10.35	14.56	6.21	49.3	-46.7	0.05	14.6	240	
30	10.8	14.60	6.22	48.7	-48.1	0.04	6.84	240	
35	11.19	14.58	6.23	48.7	-48.9	0.04	7.64	240	
40	11.4	14.51	6.23	49.6	-48.8	0.04	8.03	240	
45	11.62	14.5	6.22	50.4	-48.6	0.04	7.58	240	
50	11.65	14.51	6.22	51.0	-48.7	0.05	8.80	240	
55	11.8	14.42	6.22	51.6	-48.7	0.04	9.36	240	
60	11.95	14.42	6.21	52.2	-48.5	0.05	9.08	240	
65	12.1	14.42	6.21	52.3	-48.9	0.05	8.45	240	
70	12.2	14.38	6.21	53.2	-49.2	0.04	7.41	240	
75	12.5	14.37	6.21	53.2	-49.4	0.04	7.32	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.024

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0284-01 (11 Bottles) **Sample Time:** 1205

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-22-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~62°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 74.24 ft. bmp
Depth to Water*: 8.85 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 1036
Initial Observations: Color: V. light Milky Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.89	12.84	6.30	89.30	-33.80	0.09	107.1	500	1.046
10	8.90	12.51	6.36	90.27	-37.40	0.00	58.3	500	
15	8.90	12.38	6.38	90.50	-36.60	0.00	27.2	500	
20	8.90	12.33	6.39	90.87	-34.30	0.00	11.1	500	
25	8.90	12.30	6.39	90.81	-32.20	0.00	9.27	500	
30	8.90	12.24	6.39	91.50	-30.30	0.00	5.44	500	
35	8.90	12.20	6.39	91.12	-28.50	0.00	5.07	500	
40	8.90	12.19	6.39	91.06	-27.00	0.00	4.74	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1118 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.050
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0284-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	IBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/22/15
Project #:	1163.61104	Pump/Controller ID#:	FA01816	Weather:	50's cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 66.13 ft. bmp
Depth to Water*: 8.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1235

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.85	12.34	6.24	89.6	34.9	0.10	25.3	500	1046
10	8.85	12.10	6.29	89.6	23	0.07	12.9	500	
15	8.85	12.05	6.29	89.2	18.7	0.07	8.32	500	
20	8.85	12.05	6.32	89.0	16.0	0.05	3.50	500	
25	8.85	12.01	6.32	89.3	12.20	0.04	2.24	500	
30	8.85	11.96	6.32	89.3	12.8	0.04	1.47	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1306 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0284-03, 04 (FD) **Sample Time:** 1325

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	AJF
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/22/15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Overcast, 50-60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.63 ft. bmp
Depth to Water*: 4.63 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1027

Initial Observations: Color: Clear w/particulate Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.90	15.95	6.66	36.10	-29.(0)	0.03	25.0	280	1.020
10	8.65	16.06	6.66	35.60	-30.0	0.02	45.6	260	
15	9.07	16.07	6.66	34.80	-30.3	0.01	35.3	260	
20	9.44	16.02	6.70	31.90	-24.80	0.01	23.9	250	
25	9.73	16.07	6.69	32.70	-24.20	0.01	16.2	260	
30	9.79	15.97	6.68	33.90	-25.90	0.01	19.9	250	
35	9.95	15.93	6.67	34.80	-28.00	0.01	22.2	250	
40	10.06	15.89	6.66	35.60	-29.60	0.01	25.3	260	
45	10.11	15.88	6.65	36.50	-31.30	0.01	30.3	240	
50	10.14	15.88	6.65	37.10	-32.20	0.00	31.4	250	
55	10.19	15.80	6.64	37.10	-34.40	0.00	2960 AV	260	
60	10.20	15.80	6.64	37.30	-36.10	0.00	3735 AV	240	
65	10.30	15.77	6.63	37.30	-37.00	0.00	3729 AV	250	
70	10.45	15.74	6.63	37.20	-37.80	0.00	4023 AV	280	
75	10.46	15.82	6.62	39.30	-37.50	0.00	83	260	
80	10.51	15.83	6.62	39.30	-38.70	0.00	746 AV	250+	
85	10.73	15.75	6.62	39.90	-38.00	0.00	3984 AV	280	
90	10.83	15.76	6.61	40.60	-37.80	0.00	131	280	
95	10.94	15.92	6.60	41.30	-34.40	0.00	82	270	
100	10.98	15.84	6.60	41.80	-36.50	0.00	78.4	270	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1241 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.022

Final Observations: Color: Light Brown Odor: No Sheen/Free Product: No

Sample ID: SB915-0284-05 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: Slight leak in flex-tubing? Replace, possibly.

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-IMW-02S

Site Name: SB915 Closure / SCA Project #: 1163.61104 Field Personnel: _____ Date: _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	11.00	15.80	6.60	42.30	-37.40	0.00	70.4	270	
110	10.96	15.84	6.60	42.70	-37.40	0.00	67.9	260	
115	10.96	15.80	6.60	43.30	-37.10	0.00	88.8	250	
120	10.91	15.84	6.59	43.40	-37.10	0.00	92.3	260	
125	10.93	15.81	6.59	43.90	-37.10	0.00	96.1	270	
130	10.91	15.79	6.59	44.20	-36.80	0.00	98.8	260	
131	~	~	~	~	~	~	107.3		
132	~	~	~	~	~	~	100.4		
133	~	~	~	~	~	~	100.8		
134	~	~	~	~	~	~	117.0		
135	~	~	~	~	~	~	94.8		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JLwB
Site Location: Camillus, NY | Pump Type Used: Penstaltic | Date: 10-22-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~60°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 24.40 ft. bmp
Depth to Water*: 8.58 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1200
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.55	13.02	6.35	68.07	-53.10	0.01	14.6	440	1.034
10	9.56	12.56	6.33	64.82	-60.70	0.00	72.7	440	
15	9.54	12.38	6.43	651.96	-70.70	0.00	412.1	440	
20	9.52	12.29	6.53	42.28	-78.10	0.00	30.6	446	
25	9.50	12.20	6.58	36.58	-83.10	0.00	24.2	440	
30	9.48	12.15	6.61	34.03	-84.50	0.00	19.9	440	
35	9.48	12.10	6.65	31.19	-86.00	0.00	20.0	440	
40	9.48	12.06	6.64	30.60	-86.10	0.00	17.8	448	
45	9.48	12.06	6.66	30.64	-86.00	0.00	16.0	440	
50	9.48	12.06	6.69	27.04	-87.60	0.00	13.4	440	
55	9.48	12.04	6.69	27.41	-87.30	0.00	12.1	440	
60	9.48	12.01	6.70	26.43	-87.30	0.00	12.3	440	
65	9.48	12.01	6.70	26.74	-86.90	0.00	12.10.86	440	
70	9.48	11.92	6.71	25.91	-87.80	0.00	11.2	440	
75	9.48	11.92	6.72	24.51	-87.50	0.00	9.67	440	
80	9.48	11.87	6.73	24.28	-87.60	0.00	9.26	440	
85	9.48	11.86	6.73	24.18	-87.20	0.00	8.92	440	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0284-06, 07(MS), 08(MSD) **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: 10 Bottles in each kit

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	AJF
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	10/22/15
Project #:	1163.61104	Pump/Controller ID#:	FA00139	Weather:	Light Rain, 50s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 99.02 ft. bmp
Depth to Water*: 8.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1401

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.94	12.06	6.38	118.20	-12.00	0.10	25.7	450	1.058
10	8.93	12.03	6.41	125.00	-24.30	0.05	64.7	450	
15	8.92	12.08	6.44	126.00	-28.30	0.03	16.0	440	
20	8.92	12.06	6.44	126.60	-28.30	0.02	91.8	430	
25	8.93	11.98	6.44	127.30	-27.90	0.01	65.7	430	
30	8.93	11.94	6.44	127.30	-28.00	0.01	51.8	450	
35	8.94	11.96	6.45	127.20	-28.50	0.00	50.2	430	
40	8.94	11.98	6.45	127.70	-29.00	0.00	45.6	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1441 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.068

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0284-09 **Sample Time:** 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-23-15
Project #: 1163.61104 | Pump/Controller ID#: FAO 1816 | Weather: Sun, 40s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 11.28 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:41

Initial Observations: Color: white precip Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.57	11.83	11.37	25.00	-193.80	0.00	58.1	480	1.010
10	15.85	11.78	11.25	26.40	-126.60	0.00	99.7	480	
15	16.44	11.74	11.15	26.90	-114.00	0.00	77.5	480	
20	16.90	11.77	11.08	27.40	-124.60	0.00	68.8	480	
25	17.10	11.74	11.01	27.90	-153.60	0.00	61.7	480	
30	17.20	11.74	11.01	28.00	-191.70	0.00	44.5	480	1.012
35	17.27	11.78	10.93	29.00	-208.00	0.00	39.5	480	
40	17.32	11.74	10.92	28.66	-230.80	0.00	34.8	480	
45	17.37	11.76	10.93	28.70	-241.10	0.00	30.7	480	
50	17.39	11.82	10.91	28.80	-242.40	0.00	32.5	480	
55	17.40	11.83	10.93	28.80	-240.10	0.00	28.2	480	1.012
~~60~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:37 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.012

Final Observations: Color: light white Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0285-01 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1174
Turbidity Meter:	LaMotte	2020we	FAO 1886
Other:			

Notes: Sample turns white after 30-60 seconds.

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-23-15
Project #: 1163.61104 | Pump/Controller ID#: FA01816 | Weather: Sun, 40s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 82.00 ft. bmp
Depth to Water*: 15.70 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 11:36
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.98	10.81	7.93	123.10	-162.60	0.00	17.7	480	1.066
10	15.98	10.72	7.62	123.60	-142.30	0.00	6.72	480	
15	15.98	10.70	7.41	123.90	-124.80	0.00	4.79	480	
20	15.98	10.70	7.26	124.00	-108.30	0.00	3.41	480	
25	15.98	10.70	7.14	123.80	-95.70	0.00	3.66	480	
30	15.98	10.69	7.04	124.20	-85.90	0.00	3.49	480	1.066
35	15.98	10.68	6.96	124.50	-78.50	0.00	4.75	480	
40	15.98	10.76	6.89	124.00	-72.80	0.00	4.44	480	
45	15.98	10.76	6.83	124.00	-68.20	0.00	4.35	480	
50	15.98	10.81	6.79	124.00	-65.00	0.00	5.20	480	
55	15.98	10.91	6.75	123.80	-61.40	0.00	4.19	480	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:31 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.066
Final Observations: Color: clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0285-02 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: _____

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: PERISTALTIC | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny, 40-50°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 120.69 ft. bmp
Depth to Water*: 9.40 ft.
Length of Water Column: 111.29 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0929
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.56	12.03	6.97	184.75	-69.10	0.02	42.6	340	1.028
10	9.56	11.89	7.09	186.11	-76.90	0.00	34.0	360	
15	9.55	12.08	7.15	183.44	-75.20	0.00	42.1	340	
20	9.55	12.13	7.17	182.95	-70.10	0.00	34.9	340	
25	9.55	11.94	7.18	174.44	-66.10	0.00	28.1	340	
30	9.55	12.07	7.17	180.23	-63.80	0.00	31.4	330	
35	9.53	12.16	7.17	178.47	-61.70	0.00	35.3	350	
40	9.53	12.30	7.17	179.17	-59.50	0.00	14.2	330	
45	9.53	12.24	7.16	179.38	-57.50	0.00	32.7*	330	
50	9.51	12.50	7.15	178.56	-55.40	0.00	29.3	310	
55	9.52	12.48	7.15	178.64	-54.00	0.00	18.0	300	
60	9.52	12.49	7.14	177.57	-52.90	0.00	30.4	320	
65	9.48	12.71	7.14	179.47	-52.70	0.00	22.8	200*	
70	9.49	12.58	7.13	180.89	-52.10	0.00	22.1	290	
75	9.44	12.63	7.13	180.00	-51.60	0.00	22.8	270	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:46 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0285-0.3 **Sample Time:** 1100

1.120 is accurate. Based off of all other Qtr Sample logs and Elv data. GW Elv from 17 days prior was 1.078.

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013825
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: *Possibly due to suspended solids - notable residue on gloves.
*Losing flow, pump had trouble despite ample water column/ low DO.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sunny, 40-50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.64 ft. bmp
Depth to Water*: 10.14 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1132
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.11	13.10	7.07	56.16	-81.70	0.00	12.6	440	1.030
10	14.03	13.08	7.01	56.31	-86.50	0.00	17.1	360	
15	15.64	13.15	7.00	56.17	-89.50	0.00	21.3	340	
20	16.65	13.07	6.99	56.11	-90.70	0.00	29.2	330	
25	17.24	13.04	6.98	56.02	-90.20	0.00	22.6	340	
30	17.85	12.85	6.97	56.44	-89.00	0.00	26.8	300	
35	17.68	13.13	6.97	56.36	-88.80	0.00	19.7	210	
40	18.17	12.71	6.96	56.48	-85.50	0.09	28.2	210	
45	17.95	12.84	6.96	56.75	-82.60	0.29*	26.6	260	
50	17.77	12.76	6.95	56.46	-79.90	0.23	29.0	240	
55	17.74	12.76	6.95	56.63	-77.70	0.29	29.9	230	
60	17.71	12.72	6.95	56.66	-75.80	0.40	27.2	260	
61	—	—	—	—	—	0.27	—	—	
62	17.60	—	—	—	—	0.35	—	—	
63	—	—	—	—	—	0.34	—	—	
64	—	—	—	—	—	0.36			
65	17.54	12.63	6.94	56.61	-74.10	0.32	29.7	220	
70	17.50	12.58	6.94	56.66	-72.50	0.19	29.5	240	
75	17.40	12.51	6.94	56.91	-71.50	0.25	30.6	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1249 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: ~~Colo~~ Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0285-04 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: * DO Fluctuations, some backflow? Pump goes through periods where output is slightly "bubbly", then back to normal.

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-091

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 40's partly cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 74.2 ft. bmp
Depth to Water*: 6.79 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0957

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.75	12.65	6.47	85.6	45.7	0.18	57.6	320	1.050
10	6.75	12.56	6.47	85.0	38.1	0.10	32.1	320	
15	6.75	12.60	6.46	84.8	34.5	0.08	24.0	320	
20	6.75	12.49	6.45	84.9	32.4	0.07	16.8	320	
25	6.75	12.37	6.44	85.1	30.7	0.06	11.3	320	
30	6.75	12.40	6.44	84.8	29.4	0.05	10.32	320	
35	6.75	12.66	6.43	84.9	28.4	0.05	10.08	320	
40	6.75	12.65	6.43	84.3	27.7	0.05	8.38	320	
45	6.75	12.46	6.43	84.7	27.2	0.05	9.15	320	
50	6.75	12.60	6.43	84.6	26.9	0.04	6.70	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1048 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.050

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915 - 0285 - 05 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA01288 | Weather: Sunny 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.83 ft. bmp
Depth to Water*: 12.45 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1122
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.45	11.94	7.34	19.3	13.1	0.11	58.8	500	1.010
10	12.45	11.92	7.28	19.3	3.7	0.03	32.6	500	
15	12.45	11.92	7.26	19.3	-2.1	0.02	17.5	500	
20	12.45	11.9	7.25	19.4	-6.7	0.02	12.5	500	
25	12.45	11.87	7.25	19.4	-9.6	0.01	6.95	500	
30	12.45	11.92	7.24	19.4	-11.8	0.01	4.99	500	
35	12.45	12.01	7.24	19.4	-13.3	0.01	3.39	500	
40	12.45	11.96	7.24	19.4	-15.3	0.01	2.96	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1204 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0285-06 **Sample Time:** 1215

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01727
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA018116 | Weather: Sunny, 40-50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.88 ft. bmp
Depth to Water*: 3.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1414
Initial Observations: Color: Light White Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.60	12.71	7.45	9.28	-85.20	0.00	49.0	460	1.006
10	3.60	12.81	7.45	9.29	-84.30	0.00	11.1	490	
15	3.60	12.80	7.44	9.28	-82.80	0.00	7.09	500	
20	3.60	12.77	7.44	9.28	-81.90	0.00	4.41	480	
25	3.60	12.72	7.44	9.27	-81.00	0.00	2.69	480	
30	3.60	12.63	7.44	9.29	-80.40	0.00	2.04	490	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1444 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0285-07 **Sample Time:** 1455

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: ~~54.88~~ 15.43 ft. bmp
Depth to Water*: 5.94 ft.
Length of Water Column: ~~53.94~~ 9.49 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.54 gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1402
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.65	15.91	7.49	7.20	-11.9	3.53	19.4	500	1.006
10	7.55	15.78	7.24	9.2	-9.10	1.81	18.2	500	
15	8.25	15.92	7.14	10.7	-20.5	1.18	12.4	440	
20	8.37	16.10	7.00	16.00	-24.6	0.43	14.1		
25	8.5	16.37	6.97	17.6	-26.5	0.15	9.96	200	
30	8.6	16.41	6.96	17.7	-26.8	0.07	10.82	200	
35	8.68	16.36	6.95	17.2	-26.3	0.05	8.4	200	
40	8.83	16.32	6.94	17.2	-26.0	0.03	8.43	200	
45	8.93	16.23	6.93	17.41	-25.0	0.02	8.12	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1500 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0285-08 **Sample Time:** 1520

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01174
Turbidity Meter:	LaMotte	2020we	FA01066
Other:			

Notes:

O'BRIEN & GERE — Low Flow Groundwater Sampling Log

Well ID: SB915-WB-094

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/23/15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 40s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.35 ft. bmp
Depth to Water*: 12.54 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:37

Initial Observations: Color: Black Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5- *	14.25	13.82	7.41	3.4	83.9	0.80		200	
		well	went	Dry				100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: — **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * Switched to Low Speed Head

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri pump | Date: 10-26-15
Project #: 1163.61104 | Pump/Controller ID#: FA01816 | Weather: Sun, 30s-40s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 19.98 ft. bmp
Depth to Water*: 3.95 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:44

Initial Observations: Color: clear Odor: clear Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.96	14.94	7.16	3.90	13.70	0.14	6.46	240	1.002
10	5.38	15.22	7.24	1.40	53.40	5.31	1.81	280	
15	5.62	15.26	7.22	1.40	60.60	5.38	1.11	280	
20	5.80	15.48	7.21	1.30	62.50	4.74	1.19	280	
25	5.88	15.50	7.17	1.30	64.00	4.47	0.53	280	
30	5.94	15.57	7.17	1.30	64.40	4.05	0.42	280	
35	6.00	15.60	7.16	1.20	63.90	3.88	0.52	280	
40	6.06	15.66	7.16	1.20	64.80	3.90	0.52	280	
45	6.10	15.69	7.18	1.20	64.90	3.92	1.07	280	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:30 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0286-01 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/26/15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.06 ft. bmp
Depth to Water*: 4.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:54
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.63	15.64	7.54	41.50	98.9	0.10	15.7	450	1.002
10	5.88	15.6	7.53	2.4	94.8	2.39	12.4	450	
15	5.95	15.64	7.38	2.4	90.5	1.10	10.66	450	
20	5.95	15.62	7.29	2.2	85.4	0.81	8.94	450	
25	6.00	15.65	7.32	1.7	80.4	0.56	49.6	450	
30	5.86	15.71	7.25	1.6	80.4	0.44	20.6	450	
35	5.98	15.7	7.19	1.5	80.3	0.53	9.26	450	
40	5.98	15.64	7.15	1.5	81.0	0.61	5.54	450	
45	5.98	15.73	7.13	1.5	80.3	0.71	5.36	450	
50	5.98	15.73	7.12	1.4	80.80	0.77	4.48	450	
55	5.98	15.68	7.10	1.3	81.5	0.84	3.82	450	
60	5.98	15.67	7.09	1.3	82.5	0.93	4.01	450	
65	5.98	15.70	7.09	1.2	83.9	1.04	3.15	450	
70	5.98	15.67	7.09	1.20	83.2	1.12	3.63	450	
75	5.98	15.64	7.08	1.20	83.2	1.17	2.6	450	
80	5.98	15.73	7.06	1.20	83.9	1.24	4.47	450	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1117 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0286-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri pump	Date:	10-26-15
Project #:	1163.61104	Pump/Controller ID#:	FA01816	Weather:	Sun, 40

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.82 ft. bmp
Depth to Water*: 9.41 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:52

Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.81	12.94	7.30	4.50	-87.10	0.07	55.7	490	1.004
10	11.39	12.49	7.16	18.70	-85.80	0.06	68.8	480	
15	11.57	12.32	7.30	23.10	-85.40	0.16	33.1	480	
20	11.63	12.30	7.29	29.00	-85.10	0.02	17.5	480	
25	11.75	12.30	7.29	31.90	-85.20	0.01	6.87	480	
30	11.81	12.33	7.28	33.60	-85.30	0.03	4.89	480	
35	11.84	12.31	7.27	35.10	-85.90	0.08	4.16	480	
40	11.88	12.32	7.26	36.20	-87.10	0.03	3.29	480	1.016
45	11.91	12.34	7.25	37.30	-87.20	0.02	1.86	480	
50	11.93	12.26	7.24	38.40	-86.90	0.03	1.89	480	
55	11.94	12.26	7.23	39.90	-86.50	0.30	1.21	480	
60	11.95	12.23	7.23	40.20	-86.30	0.03	1.49	480	
65	11.94	12.23	7.22	41.20	-85.60	0.11	1.30	480	
70	11.96	12.23	7.21	42.10	-85.40	0.04	1.66	480	1.018
75	11.97	12.26	7.21	43.00	-85.00	0.03	1.25	480	
80	11.98	12.21	7.20	43.70	-84.60	0.02	0.83	480	
85	11.99	12.28	7.19	44.30	-84.30	0.01	0.77	480	
90	12.00	12.25	7.19	45.10	-84.40	0.01	0.68	480	
95	12.00	12.14	7.18	46.00	-83.70	0.03	0.92	480	
100	11.99	12.16	7.18	46.50	-83.40	0.02	0.42	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:32 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.0

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0286-03 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-26-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~42°F Sun

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 90.02 ft. bmp
Depth to Water*: 9.36 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1018
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.77	12.61	7.00	31.78	-20.70	0.05	10.94	430	1.014
10	9.80	12.38	6.79	32.06	-15.6	0.00	48.8	430	
15	9.90	12.25	6.71	32.63	-12.70	0.00	103.6	430	
20	9.83	12.06	6.53	49.79	-14.00	0.00	115	410	
25	9.83	12.11	6.56	59.21	-17.40	0.00	45.9	410	
30	9.83	12.06	6.57	61.35	-18.70	0.00	25.5	410	
35	9.83	12.13	6.58	62.24	-19.60	0.00	14.6	410	
40	9.83	12.13	6.58	63.49	-20.5	0.00	7.97	410	
45	9.83	12.02	6.58	63.21	-19.70	0.00	6.46	410	
45	9.83	12.11	6.58	63.96	-19.8	0.00	6.41	410	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1108 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0286-05 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D.#
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-26-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~48°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.57 ft. bmp
Depth to Water*: 5.08 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☒ Other: Ground Surface

Start Purge Time: 1139
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.90	14.57	6.35	38.56	-7.00	0.00	2.52	340	1.016
10	8.90	14.32	6.20	39.16	-8.30	0.00	2.64	340	
15	10.20	14.61	6.15	39.06	-4.70	0.00	3.59	340	
20	11.30	14.66	6.14	38.90	3.80	0.00	3.18	340	
25	11.25	14.84	6.14	38.89	9.40	0.00	2.10	340	
30	11.26	14.77	6.13	39.00	10.00	0.00	1.47	340	
35	11.30	14.66	6.12	39.14	4.70	0.00	0.72	340	
40	11.30	14.58	6.13	39.14	-1.80	0.00	1.43	340	
45	11.55	14.72	6.17	38.65	-22.10	0.00	7.93	340	
50	12.00	14.73	6.21	37.94	-26.30	0.00	0.94	340	
55	12.55	14.75	6.21	37.73	-21.60	0.00	0.34	340	
60	13.06	14.65	6.18	38.40	-12.20	0.00	1.01	340	
65	13.35	14.61	6.15	38.93	-3.50	0.00	0.55	340	
70	13.55	14.50	6.12	39.32	3.10	0.00	1.06	340	
80	13.95	14.52	6.11	39.46	7.00	0.00	0.87	300	
85	14.20	14.38	6.10	39.60	7.30	0.00	0.94	300	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1259 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0286-06 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-OIL

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-27-15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 40s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 68.77 ft. bmp
Depth to Water*: 26.19 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:19
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.31	11.46	7.63	0.30	23.60	1.67	10.18	340	1.000
10	26.31	11.23	7.13	1.40	-38.80	0.25	4.51	340	
15	26.31	11.30	7.10	1.50	-46.30	0.07	3.01	340	
20	26.31	11.37	7.01	1.50	-42.30	0.04	3.51	340	
25	26.31	11.51	6.97	1.50	-40.90	0.02	3.04	340	
☆ 30	26.31	11.55	6.97	1.50	-41.00	0.01	3.59	340	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0287-05 **Sample Time:** 12:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ☆ did not record

Low Flow Groundwater Sampling Log

Well ID: SB915 - WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBP, JwB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10.27.15
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~38°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 28.92 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1019

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.31	9.71	7.01	42.30	86.60	0.11	52.8	460	1.026
10	29.31	9.68	6.80	48.10	60.00	0.08	31.0	460	
15	29.31	9.64	6.73	49.00	45.80	0.07	17.7	460	
20	29.31	9.61	6.64	52.90	38.60	0.06	7.88	460	
25	29.31	9.62	6.60	54.10	33.40	0.05	7.58	460	
30	29.31	9.59	6.59	53.40	29.30	0.05	7.88	460	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.026

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0287-01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

cal 10/27/15

Well ID: SB915 - MW - 01

Site Name: SB915 Closure / SCA | Sampling Method: Purge - Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-27-15

Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 30's

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 18.34 ft. bmp

Depth to Water*: 9.75 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:11

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5		13.61	7.02	1.45	127.7	9.12	1.02	—	1.000
	Well	is producing	water						
5	11.95	13.86	6.80	1.50	57.90	1.69	0.68	380	
10	12.17	13.79	6.76	1.50	52.50	1.60	0.29	300	
15	12.33	13.66	6.78	1.50	48.20	1.46	0.30	220	
20	12.46	13.57	6.76	1.50	46.20	1.45	0.43	210	
25	12.58	13.48	6.74	1.50	45.40	1.39	0.29	210	
30	12.66	13.52	6.76	1.50	42.80	1.37	0.28	210	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:50 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0287-02 **Sample Time:** 10:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01866
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/26/15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 24.7 ft. bmp
Depth to Water*: 7.95 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:06
Initial Observations: Color: Clear/v slightly cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.8	15.78	6.61	16.4	80.0	0.12	56.4	300	1.010
10	10.4	15.04	6.73	16.6	61.6	0.07	80.7	300	
15	10.8	15.37	6.78	16.3	52.6	0.05	61	300	
20	11.2	15.16	6.83	15.7	46.7	0.04	67	300	
25	11.5	15.19	6.86	14.9	41.8	0.04	63	300	
30	11.65	15.08	6.90	14.3	37.1	0.03	109	300	
35	11.8	15.10	6.91	14.00	33.2	0.03	53	300	
40	11.9	14.65	6.94	13.4	30.2	0.03	1081	300	
45	12.0	14.38	6.96	12.7	25.8	0.03	2849	300	
50	12.15	14.38	6.98	12.50	23.0	0.03	3527	300	
55	12.22	15.64	6.92	14.4	26.3	0.03	109	300	
60	12.3	14.71	6.98	12.4	22.8	0.02	2623	300	
65	12.4	14.63	6.99	12.2	19.9	0.03	Overrange	300	
70	12.4	14.52	6.99	12.3	17.8	0.02	Overrange	300	
75	12.45	14.65	6.99	12.4	16.4	0.03	4071	300	
	12.5	14.61	6.99	12.6	15.1	0.02	Overrange	300	
*	16.80						89.2		
10/27/15 @ 10:25	7.99	12.09	6.73	13.6	-5.3	8.59	24.4	—	1.006
Stabilization	± 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0287-03 **Sample Time:** 10:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA 00109
Other:			

Notes: Readings stopped Purged 11 gal.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: TRP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-27-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~50°F Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 13.2 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1156

Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.2	11.19	6.18	108.0	68.2	0.10	55.0	480	1.060
10	13.2	11.21	6.25	108.5	38.9	0.06	60.5	480	
15	13.2	11.22	6.34	108.0	20.1	0.05	49.2	480	
20	13.2	11.27	6.41	108.2	7.7	0.04	28.8	480	
25	13.2	11.27	6.47	108.1	-0.6	0.03	37.2	480	
30	13.2	11.27	6.51	108.2	-6.7	0.03	22.4	480	
35	13.2	11.31	6.55	108.1	-11.0	0.03	18.4	480	
40	13.2	11.29	6.58	108.4	-14.3	0.03	16.3	480	
45	13.2	11.32	6.60	108.2	-16.4	0.03	16.6	480	
50	13.2	11.35	6.62	108.2	-18.2	0.02	12.6	480	
55	13.2	11.36	6.64	108.3	-20.0	0.02	10.76	480	
60	13.2	11.41	6.66	107.8	-21.3	0.02	10.42	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1258 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.060

Final Observations: Color: clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0268-04 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA04722
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10-28-15
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~40°F Rain/Heavy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.09 ft. bmp
Depth to Water*: 5.56 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 1050

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.09	10.90	11.35	9.50	41.40	1.40	13.5	320	1.002
10	16.88	10.74	11.91	9.64	42.40	0.87	7.60	320	
15	16.85	10.70	12.20	9.61	43.7	0.87	4.58	320	
20	16.85	10.66	12.32	9.61	44.70	0.88	2.67	320	
25	16.85	10.66	12.42	9.60	45.40	0.89	1.87	320	
30	16.85	10.64	12.48	9.58	45.70	0.88	1.48	320	
35	16.85	10.63	12.54	9.57	46.20	0.91	1.12	320	
40	16.85	10.63	12.58	9.57	47.10	0.90	1.21	320	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1132 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0288-04, 05(ms), 06(msd) **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: LOW FLOW | Field Personnel: TSB

Site Location: Camillus, NY | Pump Type Used: | Date: 10/28/15

Project #: 1163.61104 | Pump/Controller ID#: FA02072 | Weather: 40's Rain

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 42.1 ft. bmp

Depth to Water*: 28.9 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time: 1054

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30	11.12	11.81	65.1	-89.6	0.20	13.0	300	1.034
10	30.35	11.09	11.88	68.0	-89.3	0.11	12.2	300	
15	30.43	11.04	11.9	70.2	-91.8	0.07	27.2	300	
20	30.35	11.04	11.92	71.7	-93.4	0.04	25.6	300	
25	30.4	11.04	11.94	72.8	-93.7	0.03	22.3	300	
30	30.4	11.03	11.94	73.3	-97.0	0.01	22.0	300	
35	30.45	11.01	11.95	73.9	-94.8	0.01	17.7	300	
40	30.8	11.03	11.95	73.9	-95.3	0.04	15.6	300	
45	30.5	11.02	11.96	74.4	-95.8	0.00	11.6	300	
50	30.57	11.04	11.96	74.6	-96.1	0.00	10.34	300	
55	30.55	11.04	11.96	74.7	-96.7	0.00	11.5	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1150 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.034

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0288-02 (03, FD) **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder pump | Date: 10-28-15
Project #: 1163.61104 | Pump/Controller ID#: FA02086 | Weather: Rain, 40s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 37.02 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:55
Initial Observations: Color: cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	38.35	11.22	11.10	55.80	-277.20	0.69	46.8	140	1.026
10	38.49	11.10	11.28	56.00	-281.10	0.59	49.0	140	
15	38.71	10.97	11.37	56.00	-286.90	0.55	36.2	140	
20	38.80	10.92	11.42	56.00	-292.30	0.45	33.0	140	
25	38.90	10.84	11.47	55.90	-296.10	0.40	28.0	140	
30	38.97	10.82	11.50	55.90	-299.90	0.35	26.2	140	
35	39.02	10.82	11.53	55.90	-301.80	0.33	21.1	140	1.026
40	39.08	10.82	11.55	55.90	-304.20	0.31	21.0	140	
45	39.13	10.82	11.56	55.90	-306.00	0.29	20.3	140	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:40 Total volume of groundwater purged: 1 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: clearish Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0288-01 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-104

Site Name:	SB915 Closure / SCA	Sampling Method:	Purge	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	10-27-15
Project #:	1163.61104	Pump/Controller ID#:	FA01238	Weather:	Sun, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.15 ft. bmp
Depth to Water*: 10.46 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:55

Initial Observations: *Color:* light tan/green *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
—	13.40	14.02	6.59	51.27	-55.6	5.26	37.4	—	1.022
10/28 —	10.4	14.38	8.06	60.78	91.3	3.45	10.5	—	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* V. light tan *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0288-07 **Sample Time:** 14:03

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01866
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/29/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Overcast, 40-50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 3.34 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1050
Initial Observations: Color: Clear, Minor Fine particulate Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.67	13.63	7.10	63.70	24.00	2.34	5.39	370	1.032
10	8.74	13.58	7.09	63.80	12.90	1.66	4.68	320	
15	8.77	13.81	7.06	64.30	0.70	0.97	2.87	340	
20	8.80	13.96	7.03	64.80	-8.00	0.52	1.65	330	
25	8.84	14.04	7.01	65.10	-13.70	0.25	1.06	330	
30	8.87	14.09	7.00	65.20	-16.60	0.13	0.80	330	
35	8.93	13.95	6.99	65.60	-17.70	0.11	1.04	350	
40	8.85	13.86	6.98	66.20	-18.80	0.07	3.69	310	
45	8.85	14.03	6.97	67.00	-19.00	0.04	2.96	330	
50	8.85	13.90	6.96	67.80	-18.10	0.02	3.38	320	
55	8.85	14.08	6.95	68.20	-16.60	0.01	3.23	340	
60	8.90	14.04	6.94	68.80	-14.50	0.00	2.66	330	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1154 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.034
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0289-01 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00104
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Re-Low-Flow | Field Personnel: TJP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/29/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Overcast, 40-50°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 7.89 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1048
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8	12.24	7.31	10.12	103.4	0.15	54.5	480	1.006
10	8	12.10	7.23	10.08	89.1	0.05	39.4	480	
15	8	12.16	7.16	10.02	81.7	0.03	26.1	480	
20	8	12.49	7.11	9.96	75.7	0.02	20.0	480	
25	8	12.52	7.08	9.95	70.70	0.01	11.7	480	
* 35	8	12.56	7.03	9.90	62.5	0.01	9.8	480	
40	8	12.33	7.01	9.93	60.2	0.01	9.7	480	
45	8	12.70	6.99	9.85	57.7	0.00	7.51	480	1.002
50	8	12.70	6.98	9.84	55.9	0.00	5.73	480	
55	8	12.72	6.96	9.83	54.6	0.00	7.09	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1146 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0889-02 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * IPod # "Finished sampling" IPod log Restarted

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/30/15
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Overcast, 40°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 10.64 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0937
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.69	11.67	7.82	140.08	-66.50	0.28	9.75	310	1.070
10	10.70	11.62	7.48	141.54	-48.70	0.14	5.06	300	
15	10.70	11.59	7.30	141.97	-40.90	0.09	1.80	360	
20	10.70	11.55	7.20	141.92	-36.90	0.06	2.99	410	
25	10.70	11.60	7.13	141.15	-34.30	0.06	1.88	360	
30	10.70	11.57	7.09	140.76	-32.60	0.06	1.04	390	
35	10.71	11.57	7.07	141.60	-31.10	0.05	0.94	380	
40	10.71	11.59	7.05	141.51	-29.80	0.05	~~2.30~~	400	
45	10.71	11.61	7.03	141.50	-28.80	0.02	0.66	390	
50	10.70	11.57	7.02	141.17	-27.80	0.01	1.05	400	
55	10.70	11.58	7.01	141.24	-27.20	0.01	0.70	400	
60	10.70	11.61	7.00	141.17	-26.40	0.01	0.57	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1037 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.078
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0290-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-30-15
Project #: 1163.61104 | Pump/Controller ID#: FA02086 | Weather: Cloudy, 40

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 19.22 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:53
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.50	10.81	6.66	209.60	0.90	0.88	14.6	120	1.128
10	22.42	10.95	6.67	208.30	-3.40	0.50	14.0	150	
15	23.70	11.01	6.66	208.90	-6.50	0.41	11.7	225	
20	23.84	11.09	6.66	208.60	-6.40	0.49	12.4	225	
25	23.92	11.13	6.65	209.20	-6.31	0.66	13.4	225	
30	—	11.18	6.64	208.30	-3.30	0.69	13.4	225	
35	—	11.17	6.64	209.20	-4.70	0.68	13.3	225	1.128
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:30 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.128
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0290-02 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: Not able to purge traditional 5 gallons

Bladder - 2 cycles 13sec refill 17sec discharge

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder	Date:	10-30-15
Project #:	1163.61104	Pump/Controller ID#:	FA02086	Weather:	Sun, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.41 ft. bmp
Depth to Water*: 31.74 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1258

Initial Observations: *Color:* white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.70	11.74	8.37	82.50	-14.40	1.03	1322	240	1.046
10	32.85	10.90	8.87	88.50	6.60	0.36	172	240	
15	32.80	10.72	8.83	86.30	-28.50	0.22	86.0	240	
20	32.80	10.53	8.61	81.80	-146.30	0.16	72.7	240	
25	32.80	10.39	8.38	82.10	-156.80	0.13	52.1	240	
30	32.80	10.72	8.25	82.60	-148.80	0.12	33.8	240	
35	32.80	10.94	8.13	83.10	-138.10	0.12	19.1	240	
40	32.80	11.32	8.04	83.40	-131.00	0.14	14.8	240	1.042
45	32.80	11.37	7.97	83.50	-122.70	0.19	14.1	240	
50	32.80	10.54	7.89	84.50	-109.20	0.15	15.0	240	
55	32.80	10.44	7.78	85.50	-91.70	0.08	38.6	240	
60	32.80	10.48	7.73	85.40	-86.90	0.06	44.7	240	
65	32.80	10.44	7.69	85.90	-83.20	0.06	33.5	240	
70	32.80	10.32	7.65	85.40	-78.80	0.06	24.9	240	
75	32.80	10.29	7.61	85.50	-71.60	0.05	18.5	240	
80	32.80	10.17	7.57	85.90	-69.30	0.05	13.7	240	
85	32.80	10.46	7.53	85.60	-60.50	0.04	13.1	240	
90	32.80	10.34	7.49	85.70	-55.30	0.04	13.9	240	
95	32.80	10.53	7.46	85.70	-51.80	0.03	11.31	240	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:34 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.042

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0290-04 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: * Pump battery died - hooked up to truck.
- Ipod did not record.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-3-15
Project #: 1163.61104 | Pump/Controller ID#: FA01195 | Weather: Sun, 50-65

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.40 ft. bmp
Depth to Water*: 68.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:50
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.78	12.74	6.98	92.50	80.00	0.52	56.3	480	1.046
10	68.78	12.70	6.89	99.72	67.20	0.22	82.1	480	
15	68.78	12.47	6.85	100.90	56.00	0.18	53.9	480	
20	68.78	12.61	6.85	100.40	47.50	0.16	33.6	480	
25	68.78	12.60	6.81	100.01	41.40	0.14	28.5	480	
30	68.78	12.52	6.80	100.31	36.90	0.13	22.2	480	1.052
35	68.78	12.74	6.79	100.44	32.70	0.12	25.9	480	
40	68.78	12.65	6.78	99.86	29.70	0.11	26.5	480	
45	68.78	12.56	6.78	100.45	26.90	0.10	25.4	480	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:35 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: light white Odor: ~~light white~~ NO Sheen/Free Product: NO

Sample ID: SB915-0291-01 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: CPM-5; ID-141

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TJP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11/3/15
Project #: 1163.61104 | Pump/Controller ID#: FA02086 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 49.95 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 938
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	52.1	14.21	12.04	100.5	-48.7	0.59	44.7	150	1.050
10	52.75	13.98	12.26	99.8	-44.4	0.42	47.4	150	
15	53.55	13.97	12.35	99.3	-39.2	0.31	32.1	150	
20	54.45	13.96	12.39	98.6	-36.8	0.30	26.1	150	
25	55.2	13.98	12.41	98.6	-34.3	0.41	24.3	150	
30	55.8	14.05	12.43	98.5	-33.5	0.44	20.4	150	
35	56.35	14.15	12.44	97.9	-34.6	0.54	19.5	150	
40	57	14.10	12.45	97.9	-36.0	0.68	17.6	150	
45	57.5	14.20	12.46	97.6	-39.6	0.88	15.3	150	
50	58.15	14.42	12.48	96.9	-43.6	1.07	14.0	150	
55	58.65	14.34	12.47	96.6	-46.5	1.18	11.48	150	1.050
60	59.2	14.24	12.47	95	-50.3	1.32	11.2	150	
65	59.65	14.18	12.48	97.1	-53.1	1.38	9.95	150	
70	60	14.21	12.48	96.9	-55.4	1.49	10.82	150	
75	60.45	14.29	12.48	97.3	-58.7	1.51	10.24	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10.55 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.050
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0291-02 BOD 11 Bottles **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: CPM 2 ID 42 D=28 R=2 150 gpm

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.3.15
Project #: 1163.61104 | Pump/Controller ID#: FA02073 | Weather: 40s°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 114.59 ft. bmp
Depth to Water*: 15.32 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1116
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.20	14.49	7.29	175.20	-62.90	0.86	72.0	345	1.014
10	20.60	13.85	7.47	176.50	-80.00	0.28	23.0	345	
15	21.98	13.64	7.56	175.70	-90.00	0.23	16.3	460	
20	24.80	13.22	7.60	176.30	-94.60	0.15	14.4	460	
25	28.76	13.15	7.63	177.00	-97.40	0.13	15.4	460	
30	31.45	13.11	7.63	176.30	-97.40	0.12	16.2	460	
35	34.00	13.11	7.63	176.30	-98.20	0.11	19.1	460	
40	37.00	13.06	7.63	177.00	-98.70	0.10	21.0	460	
45	38.50	13.09	7.63	177.00	-99.20	0.09	20.1	460	1.104
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1157 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.104
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0291-03 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: CRM: 4
Refill: 8.0 sec
Discharge: 7.0 sec
460 ml/min

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-3-15
Project #: 1163.61104 | Pump/Controller ID#: FA01195 | Weather: Sun, 60s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 124.05 ft. bmp
Depth to Water*: 67.97 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:27
Initial Observations: *Color:* white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.02	11.96	8.45	1.39	64.00	0.41	113	480	1.000
10	68.02	11.59	8.23	1.41	61.00	0.26	125	480	
15	68.02	11.58	8.07	1.51	57.60	0.18	96.3	480	
20	68.02	11.60	7.98	1.57	52.60	0.14	76.7	500	
25	68.02	11.78	7.87	1.65	50.40	0.12	50.5	500	
30	68.02	11.55	7.81	1.73	98.30	0.10	34.2	500	
35	68.02	11.51	7.75	1.76	46.60	0.09	27.0	500	
40	68.02	11.45	7.72	1.77	44.50	0.08	21.3	500	1.000
45	68.02	11.73	7.71	1.76	43.10	0.07	20.2	500	
50	68.02	11.50	7.67	1.79	43.40	0.07	12.9	500	
55	68.02	11.50	7.65	1.80	42.50	0.06	13.2	500	
60	68.02	11.66	7.63	1.79	42.20	0.06	12.2	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:27 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0291-04 **Sample Time:** 13:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: CPM - 5; ID 138

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11/3/15
Project #: 1163.61104 | Pump/Controller ID#: FA0208 6 / FA 02 25 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 49.70 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1227
Initial Observations: Color: clear/light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	51.15	15.99	12.29	119.2	-119.6	0.33	68.5	150	1.064
10	51.8	15.6	12.34	119.3	-116.4	0.17	52.8	150	
15	52.75	15.38	12.36	119.5	-115.7	0.11	28.5	150	
20	53.33	15.24	12.37	119.4	-114.6	0.08	16.8	150	
25	54.5	14.92	12.38	118.1	-114.3	0.06	14.3	150	
30	54.65	14.86	12.39	118.4	-114.4	0.04	13.1	150	
35	55.2	15.04	12.39	119.5	-115.7	0.03	14.6	150	
40	55.81	15.15	12.38	119.4	-116.1	0.02	13.7	150	
45	56.25	14.97	12.39	119.7	-116.3	0.01	13.2	150	
50	56.73	15.02	12.39	119.5	-117.2	0.00	13.1	150	
60	57.15	14.84	12.39	119.3	-117.9	0.00	15.0	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1325 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0291-05 **Sample Time:** 1351

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0117 4
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: 4 IPod Did Not Record LIVE Reading taken

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: | Date: 11-3-15

Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~68°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 45.00 ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well is dry									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: NA | Date: 11-3-15

Project #: 1163.61104 | Pump/Controller ID#: NA | Weather: Sun, 60s

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 41.79 ft. bmp

Depth to Water*: DRY ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: —

Initial Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	Well	is Dry							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: — gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: NA **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	—
Turbidity Meter:	LaMotte	2020we	—
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: | Date: 11.3.15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~70°F Sun

Well Information:

Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 46.95 ft. bmp
Depth to Water*: 46.60 ft.
Length of Water Column: 0.35 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not	enough	water							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-~~535~~-505

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: | Date: 11.3.15

Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~70° F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 36.15 ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well	is dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: | Date: 11-3-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 70°F Sun

Well Information:

Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 35.35 ft. bmp
Depth to Water*: 34.91 ft.
Length of Water Column: ~~35~~ 0.44 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not	enough	water							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: — | Date: 11.3.15

Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~70°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 34.93 ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
well is dry									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Bladder	Date:	11-4-15
Project #:	1163.61104	Pump/Controller ID#:	FA022S1 / FA020T2	Weather:	~65°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 13.50 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1105

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.20	12.78	6.25	179.30	28.30	1.35	61.2	450	1.104
10	17.80	12.33	6.72	180.10	-41.40	0.15	53.5	450	
15	20.35	12.32	6.81	179.20	-45.40	0.10	27.0	450	
20	23.05	12.08	6.83	179.60	-49.00	0.08	23.6	450	
25	25.55	11.93	6.84	179.70	-48.40	0.08	16.3	450	
30	28.25	11.85	6.85	180.20	-46.30	0.06	12.1	450	
35	30.60	11.73	6.85	179.80	-45.30	0.05	12.0	450	
40	32.30	11.68	6.85	180.70	-44.20	0.06	11.2	450	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1146 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.116

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0292-01 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: CPM: 3 PSI: 120 Max
R: 11.0 150 ml / purge
D: 9.0

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 60's Sunny
Project #: 1163.61104 | Pump/Controller ID#: FA02086 | Weather: 11/4/15

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.10 ft. bmp
Depth to Water*: 82.6 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1019
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	82.65	11.93	6.79	13.40	-100.5	0.20	47.7	500	1.004
10	82.65	11.97	6.85	12.20	-105.2	0.09	46.4	500	
15	82.65	11.92	6.89	10.80	-104.2	0.06	33.9	500	
20	82.65	12.01	6.92	9.40	-102.3	0.04	27.9	500	
25	82.65	11.92	6.93	8.50	-100.2	0.02	21.6	500	
30	82.65	11.92	6.93	7.80	-98.1	0.01	17.1	500	
35	82.65	11.92	6.94	7.20	-96.7	0.00	14.7	500	
40	82.65	11.83	6.95	6.9	-95.2	0.00	13.3	500	
45	82.65	12.01	6.95	6.60	-94.2	0.00	12.9	500	
50	82.65	11.95	6.95	6.40	-92.9	0.00	11.4	500	
55	82.65	11.97	6.95	6.3	-91.7	0.00	11.94	500	
60	82.65	12.01	6.95	6.10	-90.6	0.00	11.52	500	
65	82.65	12.01	6.85	6.00	-89.6	0.00	12.01	500	
70	82.65	11.97	6.96	5.80	-89.2	0.00	10.43	500	
75	82.65	12.01	6.96	5.7	-88.0	0.00	9.94	500	
80	82.65	12.02	6.96	5.70	-87.3	0.00	12.99	500	
85	82.65	12.01	6.96	5.70	-86.5	0.00	8.52	500	
90	82.65	12.01	6.96	5.50	-86.0	0.00	8.65	500	
95	82.65	11.94	6.96	5.50	-85.3	0.00	8.37	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1157 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0292-02 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-4-15
Project #: 1163.61104 | Pump/Controller ID#: FA01195 | Weather: Sun, 60s

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.37 ft. bmp
Depth to Water*: 41.60 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☒ Other: Ground

Start Purge Time: 10:35
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	42.72*	12.48	10.27	16.29	47.10	6.11	44.5	500	1.008
10	44.35	12.65	10.66	23.04	50.00	5.14	41.4	500	
15	45.55	12.88	10.84	36.54	52.90	3.75	48.4	500	
20	46.30	13.18	10.98	48.48	51.40	2.54	54.2	500	
25	46.70	13.40	11.18	55.01	49.80	1.80	62.7	500	
30	46.92	13.66	11.34	58.42	49.00	1.25	77.3	500	
35	47.10	13.84	11.47	60.52	48.60	0.86	84.4	500	1.026
40	47.20	14.02	11.59	60.86	48.60	0.67	76.9	500	
45	47.27	14.20	11.69	60.88	48.30	0.53	60.7	250 (250)	
50	47.27	14.29	11.77	61.37	48.60	0.34	56.9	250	
55	47.27	14.21	11.84	61.16	48.40	0.28	48.1	250	
60	47.27	14.27	11.89	61.28	48.70	0.22	35.0	250	
65	47.27	14.20	11.94	61.61	48.70	0.17	34.0	250	
70	47.27	14.39	11.97	61.78	48.30	0.16	27.3	250	1.030
75	47.27	14.38	12.00	62.36	48.30	0.15	26.0	250	
80	47.27	14.49	12.03	62.80	48.50	0.13	24.5	250	
85	47.27	14.44	12.05	62.83	48.00	0.13	16.6	250	
90	47.27	14.47	12.07	63.18	47.40	0.12	17.1	250	
95	47.27	14.47	12.09	63.49	48.10	0.11	14.2	250	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:10 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0292-03 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * Had to remove protective casing to insert the bladder pump. Depth to water during flow is at ground level

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.4.15
Project #: 1163.61104 | Pump/Controller ID#: FA02251 / FA02072 | Weather: ~70° F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 158.80 ft. bmp
Depth to Water*: 25.25 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1312
Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.10	13.40	6.94	194.10	-36.40	0.69	76.1	450	1.108
10	30.42	13.12	7.01	196.80	-46.70	0.21	35.6	450	
15	32.45	13.08	7.08	196.90	-50.80	0.14	21.6	450	
20	33.55	13.17	7.08	197.30	-49.10	0.12	23.1	450	
25	35.35	13.13	7.08	196.80	-48.20	0.10	18.2	450	
30	36.40	13.21	7.08	197.10	-47.80	0.09	11.6	450	
35	37.20	13.04	7.08	197.10	-47.40	0.08	11.5	450	
40	3825	13.04	7.08	197.10	-47.40	0.08	9.19	450	
45	38.90	13.04	7.09	197.40	-47.20	0.05	8.88	450	
50	39.40	13.04	7.09	197.50	-47.30	0.03	8.51	450	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1403 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.130
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0292-04 **Sample Time:** 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: CPM: 3 PSI: 120
R: 11.0
D: 9.0

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH + TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 11-4-15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 70s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.85 ft. bmp
Depth to Water*: 22.20 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:15
Initial Observations: Color: clear, some dead ants Odor: Yes, bad Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.60	12.09	12.57	10.15	36.40	0.11	4.89	500	1.004
10	22.71	11.98	12.62	9.32	39.20	0.07	3.46	500	
15	22.72	11.82	12.65	8.56	40.80	0.04	2.99	500	
20	22.73	11.82	12.67	7.99	40.60	0.03	4.12	500	
25	22.74	11.78	12.67	7.71	40.70	0.01	4.74	500	
30	22.75	11.62	12.66	7.56	39.80	0.01	8.97	500	
35	22.76	11.69	12.65	7.49	40.60	0.00	1.92	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:52 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0292-05,06 (FD) **Sample Time:** 14:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: — | Date: 11-4-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.60 ft. bmp
Depth to Water*: ~~11.60~~ DRY ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
well	is dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 11/5/15
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 60's Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 9.45 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:43
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11	14.57	6.09	115.8	8.40	1.54	21.3	140	1.062
10	11.65	14.61	6.09	116.3	13.1	1.35	18.9	140	
15	12.21	14.44	6.09	116.4	15.4	1.33	12.4	140	
* 20	13	14.57	6.09	116.1	17.1	1.32	11.07	140	
25	13.6	14.69	6.10	115.8	17.9	1.35	12.2	140	
30	14.1	14.93	6.10	115.7	17.8	1.35	11.2	120	
35	14.4	14.93	6.10	115.8	17.6	1.34	11.01	120	
40	14.78	15.29	6.10	116.6	17.2	1.34	10.92	120	
45	15	15.38	6.10	116.7	16.6	1.35	11.47	120	
50	15.25	15.04	6.11	116.4	16.1	1.35	11.9	120	1.062
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:34 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.062
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0293-01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: * IPOD Did Not Record Live Reading Taken

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JLW/R
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.5.15
Project #: 1163.61104 | Pump/Controller ID#: FA0621 / FA01195 | Weather: ~65°F Cloud/Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 29.95 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1145

Initial Observations: Color: Clear Odor: No Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.25	12.38	7.08	59.02	-53.20	0.17	80	480	1.034
10	34.33	12.24	7.17	60.06	-54.50	0.10	121	480	
15	35.75	12.12	7.16	63.69	-44.60	0.06	87.0	480	
20	36.22	12.12	7.17	65.58	-42.70	0.04	60.4	480	
25	36.90	12.12	7.16	66.85	-39.90	0.02	47.4	480	
30	37.25	12.07	7.16	67.53	-36.80	0.01	37.9	480	
35	37.35	12.13	7.16	68.58	-34.30	0.00	33.2	480	
40	37.60	12.04	7.16	68.68	-32.30	0.00	28.4	480	
45	37.80	12.07	7.16	69.06	-30.30	0.00	21.0	480	
50	37.80	12.03	7.16	69.41	-28.80	0.00	19.5	480	
55	37.90	11.98	7.16	69.51	-27.60	0.00	21.3	480	1.038
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.038

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0293-02,03(ms),04(msd) **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02127
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-035

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: ~~11/4~~ 11/5/15
Project #: 1163.61104 | Pump/Controller ID#: FA012 38 | Weather: 60's Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 36.38 ft. bmp
Depth to Water*: 5.55 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1256
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.63	11.83	7.06	13.10	-56.6	2.09	5.32	500	1.008
10	7.63	11.69	7.04	13.20	-55.2	2.44	5.31	500	
15	7.63	11.55	7.02	13.32	-54.9	0.03	5.93	500	
20	7.63	11.56	7.01	13.30	-54.8	0.00	5.05	500	
25	7.63	11.49	7.00	13.3	-53.2	0.00	3.95	500	
30	7.63	11.31	6.99	13.3	-52.4	0.00	5.34	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1328 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0293-05 **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-6-15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60s, Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 137.58 ft. bmp
Depth to Water*: 78.00 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1253
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO
Turned Red

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.1	12.3	7.07	79.4	-22.5	0.39	94.4	500	1.082
10	33	12.21	7.29	61.0	27.5	0.18	2083	500	
15	34.6	12.16	7.29	59.7	-29.6	0.05	over Range	500	
20	35.8	12.16	7.33	58.6	-58.8	0.00	over Range	500	
25	36.4	12.25	7.38	56.4	-75.9	0.01	2375	500	
30	36.6	12.31	7.40	36.00	-73.1	0.04	1191	500	
35	36.5	12.26	7.43	55.2	-77.7	0.03	767	500	
40	36.7	12.21	7.49	55.0	-89.6	0.03	601	500	
45	36.65	12.21	7.53	54.4	-96.3	902	68	500	
50	36.75	12.35	7.55	54.4	-99.8	0.02	58	500	
55	36.75	12.28	7.57	54.1	-100.7	0.01	57	500	
60	36.8	12.26	7.57	53.9	-100.7	0.01	47	500	
65	36.8	12.26	7.57	35.9	-99.3	0.01	43	500	
70	36.8	12.24	7.56	53.7	-97.4	0.01	32	500	
75		12.94	7.55	34.00	-96.9	0.02	45	500	
80	35.3	12.10	7.53	57.8	-91.9	0.04	~~450~~ 80.2	450	
85	36	12.03	7.54	53.9	-90.6	0.01	67	450	
90	36.35	12.005	7.54	53.9	-90.7	0.00	67	450	
95	36.6	12.11	7.54	54.00	-87.6	0.01	36	360	
100	36.6	12.11	7.53	54.00	-87.6	0.01	64.3	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1454 Total volume of groundwater purged: 16 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0294-04 **Sample Time:** 1510

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-90DR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 11/6/15

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	36.75	12.12	7.53	54.00	-85.9	0.01	59.7	350	
110	36.8	12.17	7.52	54.0	-82.7	0.00	68.5	350	
115	36.9	12.19	7.51	53.8	-81.3	0.00	67.7	350	
120	36.96	12.16	7.50	53.86	-78.97	0.00	66.2	350	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWR

Site Location: Camillus, NY | Pump Type Used: | Date: 11-6-15

Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~65°F Cloudy

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 15.70 ft. bmp

Depth to Water*: 15.40 ft.

Length of Water Column: 0.30 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not	enough	water							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11/6/15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60's clouds/rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 28.8 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1410:26
Initial Observations: *Color:* ~~Clear~~ Brown *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.85	11.84	7.31	1.20	39.03	0.93	2320	500	1000
10	28.8	11.63	7.04	1.20	34.4	0.95	2015	500	
15	28.8	11.54	7.03	1.20	31.70	0.97	1736	500	
20	28.85	11.52	7.09	1.20	28.6	0.96	1219	500	
25	28.8	11.51	7.10	1.30	24.9	0.95	1066	500	
30	28.8	11.51	7.12	1.30	23.1	0.96	779	500	
35	28.8	11.50	7.15	1.30	19.7	0.97	89	500	
40	28.8	11.48	7.17	1.30	19.2	0.98	96.2	500	
45	28.8	11.57	7.19	1.30	17.6	1.04	68.8	500	
50	28.8	11.59	7.21	1.30	18.1	1.04	51.0	500	
55	28.8	11.52	7.21	1.30	16.5	1.09	32.2	500	
60	28.8	11.53	7.23	1.30	15.20	1.14	25.7	500	
65	28.8	11.50	7.22	1.30	14.9	1.14	21.7	500	
70	28.8	11.54	7.23	1.30	16.4	1.18	18.3	500	
75	28.8	11.51	7.23	1.30	16.1	1.19	14.5	500	
80	28.8	11.48	7.22	1.30	14.8	1.21	11.6	500	
85	28.8	11.49	7.22	1.30	14.8	1.24	11.3	500	
90	28.8	11.52	7.22	1.30	15.2	1.27	11.2	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1459 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0294-01 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105RR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-6-15
Project #: 1163.61104 | Pump/Controller ID#: /FA02086 | Weather: ~65°F Cloudy/Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.60 ft. bmp
Depth to Water*: 54.87 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1051
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	55.05	10.90	7.21	1.08	29.60	2.35	9.52	440	1.002
10	55.05	10.34	7.06	1.00	-1.30	1.99	4.98	440	
15	55.05	10.16	7.07	1.00	-24.70	1.55	4.35	440	
20	55.05	10.16	7.10	1.00	-34.60	1.24	3.74	440	
25	55.05	10.15	7.16	1.00	-38.20	1.16	2.79	440	
30	55.05	10.16	7.18	1.00	-42.20	0.94	2.84	440	
35	55.05	10.16	7.15	1.00	-40.60	0.88	2.44	440	
40	55.05	10.11	7.15	1.00	-40.30	0.87	2.50	440	
45	55.05	10.08	7.16	1.00	-42.20	0.90	1.95	440	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1136 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0294-02 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: CPM: 4 PSI: 45
R: 9 sec
D: 6 sec

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW, B

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.6.15

Project #: 1163.61104 | Pump/Controller ID#: / FA02086 | Weather: ~65°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 129.72 ft. bmp

Depth to Water*: 29.90 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1255

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.70	12.38	7.02	83.30	-76.20	0.22	42.3	420	1.046
10	30.70	12.29	7.06	83.70	-77.70	0.12	15.3	420	
15	30.70	12.20	7.10	81.80	-77.50	0.09	11.6	420	
20	30.70	12.15	7.10	79.70	-73.50	0.06	8.18	420	
25	30.70	12.14	7.09	79.90	-71.10	0.04	5.99	420	
30	30.70	12.11	7.08	80.20	-69.30	0.03	4.43	420	
35	30.70	12.11	7.07	80.60	-68.00	0.02	4.00	420	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1355 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.042

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0241-03 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01774
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: CPM: 3 PSI: 115

R: 11

D: 9

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: - | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: - | Date: 11/9/15
Project #: 1163.61104 | Pump/Controller ID#: - | Weather: 60's sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 39.4 ft. bmp
Depth to Water*: 33.4 ft.
Length of Water Column: 6 ft.

Well Volume Multipliers:
☑ 2 in. = 0.163 gal/ft
Well Volume: 0.98 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: -

Initial Observations: *Color:* - *Odor:* - *Sheen/Free Product:* -

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	Monitoring well does not produce enough water to collect sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: - Total volume of groundwater purged: - gallon(s). *Specific Gravity:* -

Final Observations: *Color:* - *Odor:* - *Sheen/Free Product:* -

Sample ID: ____ **Sample Time:** ____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-10-15

Project #: 1163.61104 | Pump/Controller ID#: FA01195 | Weather: Sun + clouds, 40s

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 197.89 ft. bmp

Depth to Water*: 78.53 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 10:06

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	83.78	11.10	7.22	74.67	-66.50	0.53	12.9	500	1.034
10	87.12	11.04	7.39	73.40	-86.50	0.25	19.5	500	
15	90.63	11.00	7.45	71.65	-91.10	0.22	18.8	500	
20	94.51	11.01	7.48	70.72	-93.60	0.19	12.4	500	
25	97.04	10.99	7.48	70.38	-89.20	0.17	9.23	500	
30	100.38	10.95	7.49	70.08	-85.20	0.16	8.49	500	
35	103.76	10.92	7.49	69.93	-83.00	0.16	8.95	500	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:42 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.034

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0295-01 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01886
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.10.15

Project #: 1163.61104 | Pump/Controller ID#: / FA02072 | Weather: ~48°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 154.84 ft. bmp

Depth to Water*: 28.65 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1015

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.50	11.13	6.20	152.60	-29.80	0.46	66.7	450	1.076
10	33.50	11.23	6.33	142.50	-23.80	0.28	13.9	450	
15	36.00	11.20	6.28	138.50	-25.40	0.24	13.8	450	
20	38.20	11.21	6.27	139.10	-35.40	0.21	8.23	450	
25	40.30	11.13	6.27	139.30	-42.30	0.19	8.33	450	
30	42.30	11.09	6.28	140.60	-47.60	0.17	9.61	450	
35	45.00	11.08	6.29	139.80	-50.90	0.16	8.51	456	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.078

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0295-02 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11.23.15
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~27°F Sun/clouds

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 85.57 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1015
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	81.80	10.06	7.36	165.90	-83.90	0.71	722 AU	420	1.082
10	92.00	10.25	7.71	169.70	-146.20	0.18	137	420	
15	94.00	10.16	7.85	160.90	-158.80	0.14	61.1	420	
20	96.80	9.92	7.76	154.80	-145.70	0.13	48.0	420	
25	99.50	9.77	7.72	160.20	-138.80	0.14	42.0	420	
30	101.50	9.78	7.70	159.00	-132.80	0.12	41.0	420	
35	104.00	9.89	7.69	159.80	-130.20	0.10	39.6	420	
40	106.00	9.73	7.71	158.20	-134.20	0.10	35.4	420	
45	108.20	9.71	7.79	159.10	-152.80	0.09	32.9	420	
50	110.10	9.69	7.93	158.10	-181.20	0.09	32.5	420	
55	112.15	9.61	8.08	158.00	-201.90	0.08	34.5	420	
60	114.70	9.78	8.08	157.10	-206.60	0.03	32.0	420	
65	116.65	10.19	8.09	156.90	-212.90	0.01	29.7	420	
70	118.80	10.25	8.08	156.50	-211.40	0.01	28.7	420	
73	120.10	9.99	8.07	157.3	-209.5	0.02	30.4	420	1.084
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1128 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.084
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0296-01 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01586
Other:			

Notes:

APPENDIX B

1st Quarter 2016 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 25, Light snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.34 ft. bmp
Depth to Water*: 9.18 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:10
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.45	9.18	7.01	1.49	119.80	5.42	3.28	180	1.000
10	9.85	9.16	7.02	1.47	86.60	5.62	2.51	230	
15	10.10	8.90	7.02	1.44	75.00	5.71	1.22	230	
20	10.29	8.72	7.00	1.46	70.30	4.73	1.04	180	
25	10.48	8.72	6.97	1.47	66.70	3.95	0.95	180	
30	10.65	8.63	6.95	1.48	63.30	3.33	0.90	180	1.000
35	10.74	8.64	6.93	1.50	59.00	3.00	1.11	180	
40	10.90	8.91	6.90	1.53	58.00	2.16	1.06	210	
45	11.03	8.95	6.88	1.54	56.90	1.89	0.86	200	
50	11.12	9.01	6.86	1.56	54.90	1.41	0.72	200	
55	11.26	9.03	6.86	1.57	54.10	1.26	0.89	200	1.000
60	11.38	9.05	6.85	1.58	54.20	1.16	0.83	200	
65	11.49	9.11	6.85	1.58	53.90	1.14	0.23	200	
70	11.59	9.01	6.84	1.59	52.20	0.92	0.79	200	
75	11.68	9.17	6.83	1.60	52.00	0.71	0.77	200	
80	11.80	9.15	6.82	1.60	50.60	0.61	0.99	200	1.000
85	11.90	9.23	6.83	1.60	50.80	0.66	0.69	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:35 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0297-01,02,03 (ms/msd) **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/10/16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 30's Snow

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 44.82 ft. bmp
Depth to Water*: 8.38 ft.
Length of Water Column: 36.44 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 5.94 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:02
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.85	10.83	7.32	13.40	-87.40	0.12	54.7	460	1.004
10	10.15	10.82	7.14	27.90	-118.20	0.10	24.3	460	
15	10.22	10.81	7.1	36.0	-125.6	0.09	13.8	460	
20	10.26	10.81	7.09	40.40	-127.3	0.09	6.62	460	
25	10.3	10.81	7.09	43.2	-128.4	0.10	5.63	460	
30	10.34	10.81	7.09	45.1	-128.4	0.11	4.25	460	
35	10.36	10.81	7.08	46.9	-128.3	0.07	3.44	460	
40	10.35	10.81	7.09	47.4	-128.7	0.07	2.71	460	1.020
45	10.36	10.81	7.06	49.10	-128.4	0.08	1.83	460	
50	10.4	10.81	7.06	49.5	-128.4	0.07	2.36	460	
* 55	10.42	10.81	7.06	50.2	-128.3	0.07	3.39	460	
60	10.43	10.81	7.08	49.9	-129.1	0.07	1.77	460	
65	10.48	10.82	7.07	51.9	-128.3	0.07	1.49	460	
70	10.52	10.81	7.06	52.2	-128.1	0.07	1.98	460	
75	10.48	10.81	7.05	53.9	-127.9	0.07	1.72	460	
80	10.5	10.82	7.06	52.5	-128.4	0.08	0.85	460	
85	10.5	10.86	7.06	53.6	-128.2	0.07	1.01	460	
90	10.48	10.84	7.06	53.7	-128.2	0.07	1.23	460	1.026
95	10.45	10.81	7.05	55.1	-128.0	0.06	1.12	460	
100	10.4	10.81	7.05	55.5	-128.0	0.07	1.12	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210 Total volume of groundwater purged: 17 gallon(s). *Specific Gravity:* 1.028
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Sample ID: SB915-0297-0~~2~~4 (FD-05) **Sample Time:** 1220

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * IPOD Did Not Record Live Reading taken

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-106I

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 2/10/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	10.39	10.81	7.05	54.6	-128.3	0.07	0.84	460	
110	10.36	10.78	7.06	53.7	-128.7	0.06	1.25	460	
115	10.35	10.77	7.05	55.6	-128.2	0.07	0.75	460	
120	10.35	10.79	7.06	55.2	-128.5	0.06	1.10	460	
125	10.35	10.81	7.05	55.0	-128.3	0.06	0.97	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/10/16
Project #: 1163.61104 | Pump/Controller ID#: FA006/5 | Weather: 30's Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.98 ft. bmp
Depth to Water*: 3.9 ft.
Length of Water Column: 16.08 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.62 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1312
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm or mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~ *	~~5~~	~~8.55~~	~~8.08~~	~~1356.7~~	~~2.6~~	~~4.79~~	~~1.92~~	~~280~~	~~1.002~~
~~10~~ 5	5.64	7.79	8.09	0.90	21.1	6.51	2.68	280	1.002
~~15~~ 10	5.91	7.69	8.08	0.90	26.8	6.15	1.73	280	
20 15	6.1	7.74	8.05	0.90	30.4	5.73	1.45	280	
20	6.1	7.88	8.02	0.90	29.3	4.90	1.27	280	
25	6.15	7.74	8.00	0.80	31.9	4.83	1.07	280	
30	6.2	7.79	7.98	0.70	33.7	4.75	1.00	280	
35	6.25	7.78	7.93	0.70	34.9	4.66	0.62	280	
40	6.28	7.69	7.96	0.70	36.2	4.67	0.60	280	
45	6.31	7.67	7.97	0.60	37.4	4.75	0.61	280	
50	6.36	7.68	7.93	0.60	39.2	4.86	0.71	280	1.002
55	6.4	7.61	7.95	0.60	38.9	4.87	0.65	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1414 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Sample ID: SB915-0297-06 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011/4
Turbidity Meter:	LaMotte	2020we	FA02/22
Other:			

Notes: * Restarted log to have ms/cm instead of us/cm

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 20s, snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 5.63 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1306

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.57	7.42	6.99	17.30	24.90	3.10	5.08	370	1.006
10	6.93	6.75	7.00	18.76	27.70	4.54	6.47	320	
15	7.46	6.80	7.01	17.47	27.00	4.59	8.57	320	
20	7.89	6.95	6.98	19.71	27.70	4.13	9.30	320	
25	8.21	7.18	6.99	19.47	26.70	4.30	7.41	320	
30	8.55	7.38	6.98	19.72	26.70	4.32	7.44	320	1.010
35	8.79	7.62	6.94	22.06	27.30	3.79	6.58	290	
40	8.99	7.81	6.93	22.54	27.40	3.40	4.31	290	
45	9.22	7.95	6.92	23.87	27.90	2.77	5.33	280	
50	9.40	8.06	6.91	23.90	28.00	2.46	4.12	280	
55	9.61	8.12	6.91	23.70	28.10	2.28	5.75	280	1.010
60	9.82	8.25	6.92	22.59	27.70	2.17	3.91	280	
65	10.01	8.28	6.89	24.31	29.00	2.01	3.64	280	
70	10.18	8.38	6.88	25.32	29.40	1.52	2.85	300	
75	10.39	8.40	6.84	27.27	31.20	1.19	2.29	300	1.012
80	10.52	8.49	6.79	21.26	31.40	0.82	2.83	260	
85	10.65	8.58	6.78	32.38	31.40	0.67	2.12	260	
90	10.79	8.52	6.77	33.02	31.90	0.36	2.17	260	1.014
95	10.79	8.63	6.77	32.79	32.20	0.36	2.04	260	
100	10.87	8.63	6.76	32.41	32.70	0.33	2.49	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:46 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.014

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0297-09 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/10/16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~30° F Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.02 ft. bmp
Depth to Water*: 8.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1014
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.67	10.93	6.40	30.61	32.10	0.12	11.7	500	1.016
10	8.71	10.76	6.46	30.99	23.70	0.05	101.4	500	
15	8.80	10.73	6.42	33.94	20.10	0.03	161	500	
20	8.78	10.71	6.42	57.01	15.70	0.02	38.4	500	
25	8.78	10.62	6.37	60.86	12.70	0.02	18.4	500	
30	8.80	10.66	6.40	59.96	11.16	0.02	11.6	500	
35	8.80	10.62	6.44	63.29	10.20	0.01	8.00	500	
40	8.80	10.62	6.45	63.92	10.50	0.02	6.58	500	
45	8.80	10.62	6.44	63.95	10.50	0.02	5.28	500	
50	8.80	10.62	6.43	63.98	10.90	0.01	4.68	500	1.029
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1105 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.029
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0297-10 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA81327
Turbidity Meter:	LaMotte	2020we	FA01429
Other:			

Notes: 10 Bottles

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-10-16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~30°F Snowy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.57 ft. bmp
Depth to Water*: 4.35 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☒ Other: ground surface
well casing Broken

Start Purge Time: 1131
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.55	9.46	6.05	38.53	26.90	0.05	18.7	300	1.020
10	7.43	9.42	6.14	36.52	15.60	0.02	15.0	300	
15	8.60	8.95	6.13	37.00	18.60	0.02	13.1	300	
20	9.15	8.98	6.14	36.98	24.50	0.02	14.1	300	
25	9.90	9.02	6.14	36.91	29.30	0.02	13.6	300	
30	10.45	9.11	6.15	35.12	29.70	0.03	9.68	300	
35	10.95	9.17	6.16	36.34	28.10	0.04	7.07	300	
40	11.35	9.30	6.17	35.88	24.50	0.04	4.87	300	
45	11.32	9.30	6.17	35.33	18.70	0.04	2.53	300	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1217 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0297-11 **Sample Time:** 1230

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1181BR

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-10-16
Project #: 1163.61104 | Pump/Controller ID#: F-400140 | Weather: 20s, snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.88 ft. bmp
Depth to Water*: 2.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 15:02
Initial Observations: Color: clear/cloudy Odor: sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	2.58	10.05	7.06	10.10	-6.00	0.16	37.0	440	1.006
10	2.58	10.35	7.04	10.01	0.90	0.09	25.3	480	
15	2.58	10.41	7.03	9.98	2.40	0.05	15.5	480	
20	2.58	10.44	7.03	9.95	3.20	0.04	8.60	480	1.004
25	2.58	10.50	7.02	9.90	3.30	0.04	6.17	480	
30	2.58	10.56	7.02	9.90	3.20	0.03	4.27	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 15:32 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0297-08 **Sample Time:** 1545

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	F401139
Turbidity Meter:	LaMotte	2020we	F401856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/11/16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~28°F Snowy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 62.22 ft. bmp
Depth to Water*: 18.58 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1038

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.58	10.34	6.20	92.47	-63.70	0.04	10.57	500	1.046
10	18.58	10.25	6.29	92.65	-70.20	0.03	8.08	500	
15	18.58	10.16	6.34	92.72	-72.90	0.02	6.39	500	
20	18.58	10.25	6.38	92.73	-74.00	0.02	4.86	500	
25	18.58	10.34	6.41	93.01	-74.80	0.01	3.76	500	
30	18.58	10.26	6.43	92.46	-74.90	0.01	4.53	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1109 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.046

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0298-CA **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWS
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-11-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~80F Snow

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 26.70 ft. bmp
Depth to Water*: ~~12.64~~ ft. 18.08
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1130
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.08	9.88	6.86	22.42	-65.50	0.04	94.9	~~4~~ 420	1.010
10	18.08	9.97	6.87	22.19	-66.70	0.03	45.6	420	
15	18.08	10.00	6.86	21.92	-67.20	0.01	22.9	420	
20	18.08	10.01	6.86	21.86	-67.40	0.01	11.1	420	
25	18.08	10.00	6.86	21.98	-67.40	0.01	7.42	420	
30	18.08	9.98	6.86	21.96	-67.30	0.01	5.66	420	
35	18.08	10.06	6.86	21.97	-67.30	0.01	3.00	420	
40	18.08	10.02	6.85	21.99	-67.10	0.01	3.23	420	
45	18.08	10.02	6.85	22.00	-67.10	0.01	2.77	420	
50	18.08	10.00	6.85	21.91	-66.80	0.01	2.42	420	
55	18.08	9.97	6.85	22.08	-66.60	0.02	2.08	420	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0298-02 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: ~~SB915-WB-05~~ MW-60S (2/11/16)

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA0615 | Weather: Snow, 10°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 12.54 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 10:32
Initial Observations: Color: slight cloudy clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.68	9.57	6.43	13.54	-23.50	0.17	25.5	500	1.006
10	12.68	9.76	6.44	12.87	-16.20	0.10	7.51	480	
15	12.68	9.95	6.45	12.59	-12.00	0.24	5.21	480	
20	12.68	10.04	6.46	12.18	-9.40	0.07	4.98	480	
25	12.68	10.18	6.46	12.14	-8.00	0.05	3.70	480	
30	12.68	10.09	6.47	12.91	-6.30	0.04	3.73	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0298-03 **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/11/16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: Cold (Teens) snow

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 96.50 ft. bmp
Depth to Water*: 21.3 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1030

Initial Observations: Color: Cloudy white Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.29	9.23	7.09	2.62	-21.7	0.09	917	310	1.006
10	23.3	9.26	7.03	2.63	-20.6	0.06	10	310	
15	23.25	9.16	7.03	2.64	-23.4	0.05	27.9	310	
20	23.3	9.32	7.03	2.64	-23.8	0.04	8.4	310	
25	23.28	9.35	7.02	2.65	-22.9	0.04	7.21	310	
30	23.2	9.34	7.03	2.65	-22.3	0.04	24.3	310	
35	23.1	9.30	7.03	2.65	-21.9	0.03	8.75	310	
40	23.3	9.22	7.02	2.65	-22.5	0.02	38.9	300	
45	23.45	9.12	7.04	2.65	-21.5	0.02	11.3	300	
50	23.75	9.21	7.03	2.64	-20.9	0.01	5.26	300	
55	23.78	9.11	7.03	2.63	-20.8	0.01	5.56	300	
60	23.7	9.11	7.04	2.65	-20.7	0.01	7.44	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NONE

Sample ID: SB915-0298-04 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Rem | Date: 2/11/16
Project #: 1163.61104 | Pump/Controller ID#: FA 00140 | Weather: Teens Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.65 ft. bmp
Depth to Water*: 28.9 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1221
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29	8.30	7.40	0.85	-68.3	0.07	8.84	500	1.000
10	29	8.14	7.40	0.90	-68.9	0.04	7.41	500	
15	29	8.4	7.39	0.93	-67.9	0.03	7.15	500	
20	29	8.41	7.37	0.94	-67.5	0.02	7.29	500	
25	29	8.49	7.39	0.96	-68.0	0.02	6.87	500	
30	29	8.40	7.37	0.96	-66.1	0.02	4.58	500	
35	29	8.3	7.37	0.96	-64.6	0.02	2.48	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0298-05 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1327
Turbidity Meter:	LaMotte	2020we	
Other:			FA 01929

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-59S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-11-16

Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 10, snow, windy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 21.83 ft. bmp

Depth to Water*: 12.24 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1142

Initial Observations: Color: clear light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.26	8.72	6.83	23.80	-1.40	0.07	47.9	480	1.010
★ 10	12.26	9.01	6.84	23.80	-3.10	0.03	17.8	480	
15	12.26	9.15	6.84	23.80	-3.90	0.02	11.1	480	
20	12.26	9.38	6.84	23.90	-5.40	0.01	6.76	480	
25	12.26	9.42	6.84	23.90	-8.20	0.01	5.69	480	
30	12.26	9.53	6.84	23.90	-8.20	0.01	5.52	480	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:12 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0298-06 **Sample Time:** 12:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ★ iPod did not record - used live readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1175

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic/Purge | Date: 2-10-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~30°F Snowd

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 24.70 ft. bmp
Depth to Water*: 8.15 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1256
Initial Observations: *Color:* V. light Brown *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.43	9.92	6.75	18.59	16.90	0.22	60.7	300	1.016
10	10.32	10.52	6.75	18.35	15.90	0.29	103.2	300	
15	10.94	10.84	6.78	17.91	14.60	1.43	137	300	
20	11.42	~~11.08~~ 11.08	6.80	16.78	8.40	1.27	841	300	
25	11.70	11.27	6.83	15.83	2.60	1.06	893	300	
30	12.08	11.41	6.85	15.09	-2.20	1.06	932	300	
35	12.28	11.54	6.85	15.02	-3.10	0.92	823	300	
40	12.49	11.66	6.87	14.04	-9.70	0.58	3223	300	
45	12.62	11.73	6.87	13.52	-13.20	0.43	3536	300	
50	12.70	11.78	6.90	13.06	-16.30	0.35	>~~4400~~ 4400	300	
55	12.85	11.82	6.92	12.50	-19.70	0.33	3897	300	
60	12.85	11.82	6.99	12.88	-17.80	0.20	3614	300	
65	12.90	11.82	6.88	13.11	-16.60	0.17	4086	300	
70	12.90	11.83	6.87	12.98	-17.40	0.14	>4400	300	
*	Turbidity too high to sample, purging 3 well volumes (8 gallons) & will sample on 2/11/16 after well recovers								
2/11/16							~~88~~		
1356	8.19	6.28	7.16	14.31	1.1	8.21	863	N/A	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410 Total volume of groundwater purged: gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Brown *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0298-07 **Sample Time:** 1400

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/12/16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Teens Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 54.42 ft. bmp
Depth to Water*: 16.6 ft.
Length of Water Column: 37.82 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 6.16 gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 953
Initial Observations: Color: Cloudy Brown Odor: Sulfur Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.45	10.93	7.40	49.67	-101.9	0.04	29	490	1.024
10	22.15	10.95	7.28	47.79	-99.4	0.03	81.8	470	
15	22.5	10.81	7.06	43.89	-85.9	0.02	57.6	470	
20	23	10.87	6.94	40.7	-76.4	0.02	39.4	470	
25	23.15	10.74	6.88	38.5	-68.3	0.01	25.3	470	
30	23.25	10.86	6.85	37.07	-64.6	0.01	17.9	470	
35	23.1	10.81	6.84	35.37	-58.7	0.01	15.4		
40	23.1	10.92	6.83	34.36	-57.8	0.01	11.0	500	
45	23.7	10.84	6.82	33.5	-50.1	0.00	8.57	500	
50	24.01	10.98	6.81	32.65	-48.2	0.00	7.01	500	1.014
55	24.35	10.98	6.81	31.58	-45.0	0.00	4.82	500	
60	24.44	11.01	6.80	30.75	-42.8	0.00	4.52	500	
65	24.4	10.89	6.8	29.88	-38.0	0.00	2.72	500	
70	24.3	10.88	6.8	29.12	-35.9	0.00	2.79	500	
75	24.53	10.94	6.8	28.65	-34.2	0.00	2.68	500	
80	24.63	10.98	6.79	28.13	-33.6	0.00	2.60	500	
85	24.75	11.02	6.79	27.56	-31.9	0.00	2.13	500	
90	24.8	11.03	6.79	27.39	-31.6	0.00	2.48	500	
95	24.85	10.82	6.79	26.91	-30.4	0.00	2.16	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.014
Final Observations: *Color:* Clear *Odor:* Sulfur *Sheen/Free Product:* NONE

Sample ID: SB915-0299-01 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01139
Turbidity Meter:	LaMotte	2020we	FA 01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-025M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-12-16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~14°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.72 ft. bmp
Depth to Water*: 19.43 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1015
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.43	9.71	6.56	32.70	-34.40	0.41	11.17	500	1.014
10	19.43	9.73	6.55	33.60	-33.00	0.11	9.49	500	
15	19.43	9.83	6.57	33.50	-31.40	0.03	7.88	500	
20	19.43	9.87	6.58	33.40	-29.40	0.03	6.63	500	
25	19.43	10.06	6.57	33.30	-27.70	0.01	5.15	500	
30	19.43	9.87	6.60	33.20	-25.20	0.01	5.34	500	
35	19.43	9.77	6.57	33.40	-24.30	0.01	5.29	500	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1052 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0299-02 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic	Date:	2-12-15
Project #:	1163.61104	Pump/Controller ID#:		Weather:	~14°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 12.60 ft. bmp
Depth to Water*: 17.08 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1147

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.08	9.77	6.02	131.80	34.30	0.16	11.3	450	1.078
10	17.08	9.77	6.03	132.20	33.60	0.12	9.59	450	
15	17.08	9.65	6.07	132.10	33.10	0.10	7.15	450	
20	17.08	9.64	6.06	133.00	32.60	0.08	5.92	450	
25	17.08	9.69	6.08	133.80	32.40	0.08	3.88	450	
30	17.08	9.63	6.09	132.60	32.50	0.07	5.26	450	
35	17.08	9.84	6.08	133.50	32.20	0.07	2.99	450	
40	17.08	10.10	6.08	133.40	31.30	0.06	5.18	450	
45	17.08	10.06	6.09	131.80	31.20	0.065	5.74	450	
50	17.08	9.81	6.10	133.60	30.80	0.05	4.28	450	
55	17.08	9.82	6.10	133.00	30.50	0.05	4.87	450	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1243 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.078

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0299-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1095

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri. | Date: 2/12/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Teens Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.41 ft. bmp
Depth to Water*: 3.52 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1157
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.7	7.55	12.25	40.99	-79.6	0.32	4.53	500	1.018
10	3.7	7.77	12.25	41.02	-64.2	0.23	3.28	500	
15	3.7	7.76	12.25	40.93	-58.4	0.17	2.00	500	
20	3.72	7.86	12.25	41.02	-58.5	0.13	2.34	500	
25	3.71	7.87	12.25	40.98	-52.3	0.10	1.64	500	
30	3.71	7.82	12.25	40.86	-50.80	0.09	1.16	500	
35	3.71	7.92	12.25	40.75	-49.9	0.08	1.01	500	
40	3.71	7.86	12.25	40.83	-48.4	0.07	1.05	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0299-04 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01356
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-12-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 15, sunf cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.80 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:46
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.35	6.52	12.10	18.49	-172.60	0.11	6.85	440	1.006
10	4.37	6.55	12.10	18.77	-166.30	0.07	3.45	440	
15	4.37	6.62	12.09	18.91	-164.00	0.05	2.34	440	
20	4.37	6.48	12.09	19.04	-162.20	0.03	1.74	440	
25	4.37	6.33	12.10	19.11	-160.50	0.01	1.51	440	
30	4.37	6.26	12.09	19.29	-160.70	0.00	1.26	440	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:16 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0294-05 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-12-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 15, sun+clouds

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 4.16 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1059
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.62	7.54	11.25	22.62	-195.70	0.05	8.78	380	1.010
10	4.74	8.17	11.22	22.38	-194.80	0.01	7.30	450	
15	4.79	8.35	11.23	22.18	-192.20	0.00	5.38	450	
20	4.84	8.33	11.28	22.24	-189.60	0.00	5.16	450	
25	4.84	8.27	11.31	22.08	-186.40	0.00	3.52	450	
30	4.84	8.21	11.35	22.22	-184.80	0.00	3.66	450	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:29 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0299-06 **Sample Time:** 11:40

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-12-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 20, sunt clouds

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 17.81 ft. bmp
Depth to Water*: 8.68 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:00
Initial Observations: *Color:* Grey *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.28	8.07	8.31	8.29	-171.00	0.02	31.4	400	1.004
10	9.63	7.88	7.89	8.20	-151.10	0.03	29.7	400	
15	9.48	7.87	7.66	8.02	-143.40	0.04	20.0	400	
20	10.21	8.07	7.54	7.89	-141.30	0.04	15.4	400	
25	10.29	8.26	7.45	7.79	-138.40	0.06	12.9	400	
30	10.29	8.50	7.38	7.67	-136.30	0.09	9.50	400	1.002
35	10.32	8.55	7.34	7.57	-133.90	0.11	6.31	400	
40	10.33	8.46	7.31	7.50	-131.80	0.12	4.69	400	
45	10.38	8.55	7.28	7.48	-130.10	0.14	4.75	400	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0299-07,08(FD) **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri Purge | Date: 2-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: Snow, wind, 10°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 27.11 ft. bmp
Depth to Water*: 24.39 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:43
Initial Observations: Color: light brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.49	4.63	7.13	1.10	55.30	3.82	40.0	150	1.000
10	25.74	4.97	7.10	1.10	59.90	3.86	29.7	150	
15	26.10	4.62	7.07	1.10	59.10	3.36	18.9	140	
20	26.29	4.02	7.05	1.10	60.10	3.27	6.91	140	
25	26.38	3.62	7.06	1.10	59.80	2.73	3.85	140	
30	26.46	4.07	7.05	1.10	59.10	2.24	3.41	140	
35	DRY								
2/12/16									
1317	24.23	5.48	7.68	1.47	-23.3	7.42	31.5	NA	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ✓ Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0299-09 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/12/16
Project #: 1163.61104 | Pump/Controller ID#: FA~~01~~00139 | Weather: Teens Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.20 ft. bmp
Depth to Water*: 4.03 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1311
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.86	7.66	7.41	4.05	-86.8	0.10	3.78	440	1.004
10	4.96	7.19	7.11	3.99	-63.4	0.07	2.81	440	
15	4.95	7.03	7.05	4.14	-55.2	0.06	1.55	440	
20	4.94	7.23	7.02	4.20	-51.2	0.05	2.40	440	
25	5.00	7.40	7.00	4.19	-48.3	0.04	1.88	440	
30	5.05	7.41	6.99	4.20	-45.8	0.04	1.79	440	
35	5.14	7.41	6.98	4.23	-43.8	0.04	1.43	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1347 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0299-10 (MS, MSD-11, -12) **Sample Time:** 1347

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 0°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 36.38 ft. bmp
Depth to Water*: 6.95 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1008
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.95	9.02	6.83	13.29	-53.30	0.07	2.78	480	1.004
10	6.96	9.12	6.79	13.31	-53.70	0.08	3.80	480	
15	6.97	9.14	6.78	13.27	-52.10	0.03	5.60	480	
20	6.97	9.24	6.78	13.29	-50.60	0.02	4.03	480	
25	6.97	9.22	6.78	13.30	-49.00	0.02	3.91	480	
30	6.97	9.22	6.78	13.27	-47.70	0.02	3.68	480	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:38 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0300-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 5°F, cloudy, wind

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 3.66 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:20
Initial Observations: *Color:* tan-red *Odor:* NV *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.92	7.60	6.35	67.56	54.50	0.13	94.5	420	1.030
10	7.74	7.30	6.30	67.78	52.90	0.11	61.8	420	
15	8.83	7.45	6.28	67.34	48.70	0.09	40.7	420	
20	9.70	7.86	6.28	67.71	43.30	0.08	20.7	420	
25	10.21	7.61	6.28	68.53	41.40	0.07	15.2	420	
30	10.50	7.76	6.29	68.49	39.80	0.06	9.45	400	1.030
35	10.72	7.79	6.29	68.90	38.90	0.05	8.09	400	
40	10.79	7.91	6.29	69.07	38.40	0.04	7.67	400	
45	10.87	7.98	6.29	69.96	38.20	0.04	8.57	400	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:05 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* NV *Sheen/Free Product:* NV

Sample ID: SB915-0300-02 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/15/16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Teens cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.06 ft. bmp
Depth to Water*: 5.04 ft.
Length of Water Column: 15.02 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.45 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 956

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.7	8.24	7.32	2.07	55.3	4.83	9.72	480	1.002
10	6.82	7.86	7.21	1.92	58.3	3.70	56.6	440	
15	6.83	7.92	7.18	1.83	57.1	2.40	64.1	440	
20	6.93	7.95	7.13	1.68	54.9	1.46	24.4	440	
25	6.88	7.94	7.13	1.55	52.00	1.12	21.2	440	
30	6.91	7.93	7.14	1.45	49.7	0.90	19.6	440	
35	6.88	7.86	7.14	1.38	48.8	0.73	13.9	440	
40	6.85	7.80	7.14	1.29	47.6	0.54	10.82	440	
45	6.79	7.77	7.14	1.26	46.00	0.43	8.73	440	
50	6.8	7.77	7.14	1.23	46.3	0.38	6.72	440	
55	6.8	7.78	7.15	1.17	46.5	0.33	6.25	440	1.000
60	6.82	7.58	7.16	1.15	45.3	0.35	4.92	440	
65	6.81	7.57	7.17	1.08	45.1	0.30	5.43	440	
70	6.78	7.45	7.18	1.04	44.9	0.29	4.74	440	
75	6.81	7.50	7.20	0.97	44.4	0.30	4.28	440	
80	6.75	7.38	7.20	0.95	44.7	0.33	4.14	440	
85	6.8	7.43	7.21	0.91	43.8	0.35	3.87	440	
90	6.82	7.23	7.23	0.86	44.8	0.41	3.75	440	
95	6.79	7.19	7.29	0.86	45.0	0.45	3.45	440	
100	6.8	7.29	7.33	0.87	44.6	0.49	3.71	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1156 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0300-03 **Sample Time:** 1205

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02127
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-1165

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 2/15/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	6.83	7.28	7.24	0.82	44.8	0.53	3.29	440	
110	6.9	7.28	7.24	0.82	41.6	0.59	3.42	440	
115	6.89	7.19	7.25	0.82	45.1	0.65	3.33	440	

Low Flow Groundwater Sampling Log

Well ID: ~~109~~ SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peri* | Date: 2/15/16

Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: 20's light snow

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 109.45 ft. bmp

Depth to Water*: 10.35 ft.

Length of Water Column: 99.1 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 16.15 gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1258

Initial Observations: Color: Brown Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.34	9.62	~~8~~.92	146.3	-9.7	0.27	50.5	500	1.076
10	10.41	9.62	6.45	144.95	20.0	0.15	22.2	500	
15	10.42	9.86	6.31	144.26	25.4	0.12	11.4	500	
20	10.42	9.90	6.25	143.87	29.2	0.10	9.53	500	
25	10.42	9.97	6.21	143.14	30.0	0.08	4.75	500	
30	10.42	10.00	6.19	144.11	32.1	0.07	4.91	500	
35	10.42	9.95	6.17	144.59	33.2	0.07	~~4~~.37	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1336 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.076

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* ~~1355~~ NO

Sample ID: SB915-0300-0~~4~~ **Sample Time:** 1355

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA0 2122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-16
Project #: 1163.61104 | Pump/Controller ID#: FAU0615 | Weather: 18°F, clouds, snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 7.52 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:49
Initial Observations: *Color:* clear *Odor:* NV *Sheen/Free Product:* NV

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.56	10.11	6.81	12.36	-2.90	0.05	19.0	500	1.004
10	7.56	9.93	6.78	12.29	-3.30	0.05	14.2	500	
15	7.56	9.93	6.77	12.19	-3.40	0.08	18.6	500	
20	7.56	9.98	6.76	12.16	-3.00	0.12	10.14	500	
25	7.56	10.02	6.76	12.11	-2.80	0.12	6.30	500	
30	7.56	10.07	6.76	12.06	-2.50	0.17	3.72	500	1.004
35	7.56	10.05	6.76	12.06	-2.00	0.24	3.48	500	
40	7.56	10.02	6.76	12.02	-1.60	0.22	2.50	500	
45	7.56	10.06	6.76	12.03	-1.20	0.26	2.45	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:34 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* clear *Odor:* NV *Sheen/Free Product:* NV

Sample ID: SB915-0300-~~06~~ 05 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/16/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~34°F Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 27.60 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1105
Initial Observations: Color: V. light Brown Clear (SB) Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.60	9.73	6.97	1.45	44.20	0.12	113	370	1.004
10	27.60	9.69	6.97	1.48	43.00	0.11	86	370	
15	27.60	9.63	6.97	1.49	43.50	0.07	89.5	370	
20	27.60	9.54	6.97	1.49	44.00	0.09	69.4	370	
25	27.60	9.50	6.97	1.50	43.80	0.09	54.6	370	
30	27.60	9.51	6.96	1.50	44.10	0.10	34.1	370	
35	27.60	9.48	6.96	1.50	44.40	0.10	24.0	370	
40	27.60	9.44	6.97	1.50	44.50	0.12	19.3	370	
45	27.60	9.44	6.98	1.50	44.60	0.13	14.2	370	
50	27.60	9.41	6.97	1.52	44.90	0.13	14.3	370	
55	27.60	9.44	6.96	1.52	45.60	0.15	11.8	370	
60	27.60	9.47	6.97	1.52	45.60	0.15	11.9	370	
65	27.60	9.40	6.97	1.52	47.10	0.15	12.05	370	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1214 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0301-01 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0327
Turbidity Meter:	LaMotte	2020we	FA0856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 3/16/16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: 30's RAin

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 8.53 ft.
Length of Water Column: 17.07 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 2.78 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1105
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.1	9.59	6.11	119.39	19.6	0.10	12.3	280	1.064
10	12.5	9.412	6.08	119.97	16.6	0.08	13.2	220	
15	13.7	8.86	6.09	119.52	16.2	0.09	9.11	140	
20	14.33	8.77	6.09	120.52	15.9	0.07	9.62	140	
25	15	8.73	6.09	120.95	15.9	0.08	9.56	140	
30	15.7	8.77	6.09	120.83	16.1	0.08	8.91	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1134 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.064
Final Observations: Color: Clear Odor: NO Sheen/Free Product: None

Sample ID: SB915-0301-02 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WR-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-16-16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: Heavy rain, 34°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.85 ft. bmp
Depth to Water*: 17.76 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1046
Initial Observations: Color: clear Odor: Yes-waste Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.10	9.48	11.95	8.00	-33.30	0.09	3.25	500	1.006
10	18.15	9.48	11.97	7.71	-27.90	0.04	2.18	500	
15	18.17	9.39	11.99	7.23	-28.30	0.02	0.93	500	
20	18.19	9.43	12.01	6.96	-31.50	0.03	1.42	500	
25	18.21	9.38	12.02	6.78	-29.30	0.03	2.77	500	
30	18.22	9.34	12.03	6.74	-29.10	0.03	0.71	500	
35	18.22	9.24	12.05	6.57	-29.60	0.02	1.50	500	1.004
40	18.22	9.18	12.05	6.60	-31.20	0.01	1.23	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:27 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0301-03 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-17-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~28°F Snowy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.63 ft. bmp
Depth to Water*: 4.22 ft.
Length of Water Column: 16.41 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1150
Initial Observations: Color: Clear w/ suspended Particles Odor: No Sheen/Free Product: No

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.54	9.63	6.39	49.29	24.60	0.13	9.53	280	1.024
10	7.90	9.82	6.42	39.57	29.70	0.09	8.95	280	
15	8.83	9.47	6.39	40.72	33.00	0.05	8.20	280	
20	9.34	9.68	6.39	42.24	31.90	0.04	9.87	280	
25	9.65	9.92	6.38	43.09	30.50	0.03	9.61	280	
30	10.01	10.12	6.38	43.40	29.50	0.03	11.12	280	
35	10.22	10.24	6.39	43.69	28.80	0.04	16.0	280	
40	10.30	10.33	6.39	44.02	28.10	0.07	17.4	280	
45	10.43	10.40	6.38	44.26	27.30	0.14	23.6	280	
50	10.47	10.43	6.40	44.26	26.70	0.38	27.9	280	
55	10.52	10.43	6.41	44.27	26.40	0.71	34.6	280	
60	10.58	10.48	6.41	44.61	26.30	0.72	32.8	280	
65	10.61	10.35	6.40	45.16	26.50	0.55	47.5	280	
70	10.61	10.41	6.40	45.23	26.40	0.47	41.5	280	
75	10.65	10.36	6.39	45.79	26.10	0.36	52.1	280	
80	10.65	10.35	6.39	45.98	25.70	0.28	56.1	280	
85	10.61	10.34	6.38	46.26	25.40	0.21	45.3	280	
90	10.61	10.34	6.38	46.56	25.00	0.14	52.8	280	
95	10.60	10.37	6.38	46.75	24.40	0.09	68.3	280	
100	10.59	10.34	6.39	47.01	23.80	0.06	51.96	280	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1357 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.023
Final Observations: Color: Light Brn Odor: No Sheen/Free Product: No

Sample ID: SB915-0302-05 **Sample Time:** 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-IMW-02S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JWB | Date: 2-17-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	10.55	10.34	6.39	47.24	23.80	0.04	63.4	280	
110	10.55	10.34	6.39	47.25	23.50	0.03	67.5	280	
115	10.55	10.29	6.38	47.32	23.40	0.03	65.4	280	
120	10.55	10.29	6.38	47.46	23.30	0.02	52.5	280	
125	10.55	10.29	6.39	47.37	22.90	0.02	60.8	280	1.023
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/17/16
Project #: 1163.61104 | Pump/Controller ID#: FA 00140 | Weather: Sleet, 30-40°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 99.02 ft. bmp
Depth to Water*: 7.66 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0956
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.68	9.41	~~9.44~~ 6.18	128.64	-0.60	0.11	3.67	270	1.068
10	7.70	9.67	6.19	128.40	3.00	0.07	2.54	300	
15	7.68	9.66	6.21	129.37	5.20	0.06	5.77	300	
20	7.68	9.44	6.19	130.38	12.70	0.48	8.08	260	
25	7.69	9.48	6.18	129.81	13.90	0.10	5.72	290	
30	7.70	9.50	6.17	130.68	15.30	0.04	~~5.38~~ 5.10	300	
35	7.69	9.57	6.17	131.25	17.10	0.03	5.55	300	
40	7.70	9.53	6.17	131.01	17.80	0.03	5.64	290	
45	7.69	9.53	6.17	130.84	20.70	0.47	5.67	280	
50	7.69	9.56	6.17	130.88	19.20	0.04	4.41	290	
55	7.70	9.48	6.18	130.89	19.60	0.03	4.81	270	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1053 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0302-01 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011.39
Turbidity Meter:	LaMotte	2020we	FA019.29
Other:			

Notes: *Tubing fell off flowthrough cell.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/17/16
Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: Cold, Overcast, 30-40F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 166.13 ft. bmp
Depth to Water*: 7.576 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1152
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.58	10.04	6.42	89.89	3.20	0.10	18.4	300-400	1.046
10	7.56	9.95	6.38	89.39	10.00	0.09	5.40	300	
15	7.57	9.95	6.37	89.76	10.50	0.07	4.21	300	
20	7.57	9.97	6.36	89.35	10.50	0.06	4.14	300	
25	7.57	9.95	6.36	89.52	10.60	0.06	4.30	290	
30	7.57	9.94	6.36	89.69	10.80	0.09*	4.44	280	
35	7.57	9.89	6.36	89.38	11.00	0.05	3.87	270	
40	7.57	9.87	6.36	89.45	11.10	0.16*	4.00	280	
45	7.57	9.86	6.36	89.76	11.10	0.05	3.99	270	
50	7.56	9.81	6.36	89.58	11.00	0.06	3.88	270	
55	7.58	9.81	6.36	89.53	10.90	0.05	3.31	270	
60	7.57	9.81	6.36	89.45	10.70	0.05	3.18	270	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1253 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: No *Sheen/Free Product:* No

Sample ID: SB915-0302-2 **Sample Time:** 1305

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: * Tubing came undone from Flow-Through Cell

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/17/16
Project #: 1163.61104 | Pump/Controller ID#: FA001140 | Weather: Sleet, 30-40°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 24.40 ft. bmp
Depth to Water*: 7.80 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1342
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.04	9.75	6.22	65.42	-29.40	0.10	68.1	380	1.036
10	7.98	9.76	6.31	54.81	-35.20	0.08	54.7	310	
15	7.94	9.81	6.39	47.86	-39.60	0.07	42.0	300	
20	7.92	9.88	6.43	44.52	-41.40	0.06	27.5	300	
25	7.88	9.90	6.45	42.56	-42.30	0.06	18.0	300	
30	7.84	9.91	6.49	39.22	-43.90	0.06	17.2	290	
35	7.86	9.95	6.51	38.19	-44.90	0.05	15.9	300	
40	7.85	10.00	6.53	36.14	-45.20	0.05	12.7	320	
45	7.82	9.95	6.55	34.11	-47.00	0.05	11.6	310	
50	7.83	10.05	6.56	34.70	-47.10	0.05	9.99	330	
55	7.88	10.13	6.58	32.15	-46.80	0.05	9.85	340	
60	7.88	10.14	6.58	31.89	-46.80	0.05	10.66	340	
65	7.89	10.16	6.60	30.80	-47.20	0.04	10.22	340	
70	7.87	10.15	6.60	30.70	-46.90	0.04	8.37	340	
75	7.85	10.14	6.62	~~29.35~~ 27.55 ~~30.10~~	-47.40	0.04	7.64	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1500 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0302-03 **Sample Time:** 1510

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-17-16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: 20s, lt snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 7.04 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:49
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.79	8.60	6.36	31.88	10.60	0.22	9.44	230	1.014
10	7.79	8.17	6.38	31.50	-5.80	0.12	6.36	220	
15	8.17	8.55	6.44	30.98	-23.10	0.02	3.43	340	
20	8.50	8.45	6.49	30.13	-25.70	0.02	2.29	340	
25	8.72	8.26	6.50	29.21	-20.70	0.01	2.08	260	
30	9.00	8.27	6.51	28.23	-14.70	0.29	1.76	260	1.010
35	9.27	8.41	6.52	27.03	-9.40	0.59	1.87	260	
40	9.50	8.46	6.52	26.09	-7.00	0.37	1.63	260	
45	9.74	8.60	6.53	25.02	-6.10	0.21	1.35	260	
50	9.99	8.60	6.52	24.36	-5.20	0.11	1.38	260	
55	10.22	8.70	6.51	23.68	-5.40	0.06	1.25	260	
60	10.43	8.76	6.49	23.83	-6.10	0.03	0.78	260	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:50 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0302-04 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-17-16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: 14 snow, 20s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 8.24 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1141
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.24	10.18	6.63	23.62	-4.70	0.09	11.48	500	1.010
10	8.24	10.65	6.58	23.52	-5.90	0.06	13.7	500	
15	8.24	10.72	6.56	23.63	-5.20	0.05	7.29	500	
20	8.24	10.63	6.55	23.65	-4.30	0.04	10.32	500	
25	8.24	10.77	6.54	23.67	-3.80	0.04	11.76	500	
30	8.24	10.94	6.54	23.59	-3.40	0.03	11.9	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:11 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0302-05 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-17-16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Cloudy, 35°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 9.28 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:53
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.40	10.09	6.44	93.54	-0.70	0.05	6.87	500	1.044
10	9.46	10.18	6.32	93.23	9.70	0.02	1.91	500	
15	9.40	10.06	6.27	93.52	11.90	0.02	1.32	500	
20	9.40	10.25	6.25	92.81	12.70	0.01	1.15	500	
25	9.48	10.08	6.24	93.03	13.10	0.01	1.04	500	
30	9.40	10.07	6.24	93.37	13.30	0.01	1.11	500	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:23 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0802-06 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW, JB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-17-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~28°F Snowy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 26.10 ft. bmp
Depth to Water*: 7.10 ft.
Length of Water Column: 19.00 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 0948
Initial Observations: Color: Dark Gray Odor: Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.38	10.52	6.08	57.38	-54.60	0.13	11.7	260	1.030
10	9.08	10.34	6.19	48.65	-58.50	0.08	13.3	260	
15	9.83	10.15	6.25	42.79	-50.50	0.06	19.5	260	
20	10.43	10.12	6.23	41.92	-40.10	0.05	26.9	260	
25	10.80	10.12	6.21	42.31	-34.20	0.04	29.9	260	
30	11.22	10.20	6.20	43.29	-34.70	0.04	28.3	260	
35	11.62	10.27	6.23	44.56	-34.90	0.04	25.2	260	
40	11.84	10.35	6.22	45.64	-37.40	0.04	22.1	260	
45	11.80	10.34	6.22	46.54	-37.00	0.03	21.1	260	
50	11.82	10.36	6.22	47.05	-37.30	0.03	17.8	260	
55	11.83	10.29	6.24	47.47	-37.70	0.03	15.8	260	
60	11.91	10.29	6.23	47.62	-38.20	0.03	14.3	260	
65	12.18	10.27	6.23	48.02	-38.00	0.03	12.2	260	
70	12.45	10.39	6.24	48.69	-38.70	0.03	9.00	260	
75	12.62	10.45	6.25	49.23	-38.80	0.03	7.78	260	
80	12.84	10.40	6.24	49.82	-39.50	0.04	6.16	260	
85	13.05	10.45	6.25	50.41	-39.80	0.04	4.77	260	
90	13.15	10.48	6.24	50.87	-40.70	0.04	4.23	260	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1120 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.024
Final Observations: Color: Clear Odor: Sulfur Sheen/Free Product: No

Sample ID: SB915-0302-07 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01327
Turbidity Meter:	LaMotte	2020we	FA 01856
Other:			

Notes: BOD collected / 11 Bottles

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	2-18-16
Project #:	1163.61104	Pump/Controller ID#:	FA00615	Weather:	Sun, 10°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 120.69 ft. bmp
Depth to Water*: ~~7.15~~ 8.25 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:07

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.35	9.05	6.38	206.66	8.60	0.12	5.17	420	1.078
10	8.33	10.09	6.47	199.95	9.60	0.05	14.8	480	
15	8.33	10.14	6.47	194.60	15.90	0.04	9.85	480	
20	8.33	10.14	6.48	194.62	18.90	0.03	7.76	480	
25	8.33	10.16	6.47	194.02	22.20	0.03	7.73	480	
30	8.33	10.14	6.45	195.11	25.60	0.02	7.78	480	1.106
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:37 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.106

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0303-01 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: Lots of bubbles in line & turbidity readings. Replace tubing.

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/18/16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sun, Cold, 10-20°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.64 ft. bmp
Depth to Water*: 4.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1008
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.55	11.08	5.97	60.79	7.30	0.02	8.81	280	1.030
10	11.55	10.80	5.98	60.47	6.40	0.04	14.80	280	
15	12.02	10.57	6.00	61.44	6.40	0.03	21.00	300	
20	12.44	10.53	~~7.20~~ 7.30	60.84	~~6.60~~ 7.00	0.02	30.50	210	
25	13.10	10.43	~~8.00~~ 8.00	60.47	8.00	0.01	27.70	200	
30	13.28	10.79	6.00	60.65	8.90	0.01	26.20	240	
35	13.80	10.72	6.01	60.82	9.60	0.01	27.60	220	
40	14.03	10.85	6.00	60.80	10.30	0.00	26.30	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1052 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: V. Light White Odor: No Sheen/Free Product: No

Sample ID: SB915-0303-02 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2.18.16
Project #: 1163.61104 | Pump/Controller ID#: ~~~ | Weather: ~80°F Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 52.00 ft. bmp
Depth to Water*: 14.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 0955

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.82	8.98	6.16	123.39	2.00	0.22	7.26	450	1.066
10	14.82	8.84	6.17	124.16	0.6	0.07	7.89	450	
15	14.82	8.74	6.18	124.16	1.00	0.05	4.66	450	
20	14.82	8.79	6.18	123.57	1.40	0.04	4.98	450	
25	14.82	9.03	6.19	124.02	2.00	0.04	2.74	450	
30	14.82	9.12	6.19	123.20	2.60	0.03	3.60	450	
35	14.82	9.18	6.20	122.73	3.10	0.03	3.93	458	
40	14.82	9.22	6.20	123.31	3.30	0.03	3.95	450	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1038 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.068

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0303-03.04(MS),.05(MSD) **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA81174
Turbidity Meter:	LaMotte	2020we	FA61856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-18-16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~10°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 9.70 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1152
Initial Observations: Color: clear/white suspended solids Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.30	10.83	12.28	20.45	-135.90	0.02	23.0	470	1.008
10	13.68	10.87	11.56	25.52	-89.00	0.00	52.5	470	
15	14.68	11.04	11.32	25.65	-70.80	0.00	103	470	
20	15.00	11.09	11.17	26.37	-94.90	0.00	98.8	470	
25	15.32	11.32	11.15	26.43	-159.70	0.00	76.5	470	
30	15.42	11.32	11.10	26.78	-213.10	0.00	60.9	470	
35	15.48	11.13	11.09	26.97	-259.30	0.00	49.6	470	
40	15.54	11.29	11.10	27.18	-283.20	0.00	45.7	470	
45	15.63	11.41	11.09	27.30	-299.40	0.00	45.5	470	
50	15.68	11.46	11.06	27.50	-308.00	0.00	39.1	470	
55	15.78	11.42	11.08	27.48	-316.80	0.00	34.2	470	
60	15.83	11.46	11.04	27.50	-317.10	0.00	34.9	470	
65	15.80	11.41	11.02	27.78	-315.30	0.00	34.2	470	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1258 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: V. light white Odor: No Sheen/Free Product: No

Sample ID: SB915-0303-06 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-18-16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: Sun, 15°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.25 ft. bmp
Depth to Water*: 12.28 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:56
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.20	9.19	10.76	8.52	-94.10	0.08	4.05	250	1.006
10	13.89	8.77	10.93	8.06	-62.10	0.48	4.17	240	
15	14.35	9.05	10.82	8.13	-25.10	0.75	3.67	260	
20	14.80	9.25	10.78	8.29	-0.90	0.66	3.77	260	
25	14.90	8.91	10.75	8.31	13.60	0.67	3.59	200	
30	14.93	8.76	10.71	8.42	21.20	0.77	3.17	200	1.002
35	14.99	8.75	10.68	8.45	26.20	0.94	2.55	200	
40	15.04	8.78	10.64	8.46	29.80	1.05	2.46	200	
45	15.12	9.20	10.59	8.39	32.40	1.04	1.92	200	
50	15.17	8.91	10.59	8.38	34.70	1.04	1.79	200	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:46 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0303-07 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/18/16
Project #: 1163.61104 | Pump/Controller ID#: FA00139 | Weather: Sun, Cold, 10-20F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 120.69 ft. bmp
Depth to Water*: 15.63 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1210
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.66	10.10	5.96	84.28	38.70	0.02	20.3	380	1.042
10	15.65	10.10	5.98	84.32	38.80	0.02	11.13	380	
15	15.65	10.20	5.98	83.48	39.10	0.01	6.85	360	
20	15.65	10.22	5.96	83.12	40.70	0.01	6.17	360	
25	15.66	10.08	5.96	82.81	40.80	0.00	5.04	420	
30	15.66	10.55	5.96	81.78	40.60	0.00	2.89	430	
35	15.65	10.66	5.98	81.51	40.70	0.00	2.27	440	
40	15.65	10.66	5.97	81.66	41.00	0.00	2.34	430	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1255 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0303-08 * **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: * Field Dup: SB915-0303-09

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/1/16
Project #: 1163.61104 | Pump/Controller ID#: FA0139 | Weather: 20's Partly Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 74.24 ft. bmp
Depth to Water*: 7.75 ft.
Length of Water Column: 66.49 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
10.84
Well Volume: ~~10.84~~ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 946
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.8	9.67	6.15	93.92	11.7	0.09	53	500	1.050
10	7.8	9.62	6.17	93.35	11.5	0.05	81.9	500	
15	7.8	9.40	6.18	94.4	11.9	0.05	59.8	500	
20	7.8	9.48	6.18	94.3	15.2	0.04	48.4	500	
25	7.8	9.53	6.18	94.98	16.60	0.04	39.8	500	
30	7.8	9.58	6.18	94.79	17.9	0.03	28.7	500	
35	7.8	9.53	6.18	94.71	19.1	0.03	25.3	500	
40	7.8	9.58	6.18	95.0	19.2	0.03	61.8	500	
45	7.8	9.58	6.18	94.47	20.8	0.03	45.9	500	
50	7.8	9.67	6.17	94.71	21.4	0.03	46.7	500	
55	7.8	9.76	6.17	94.89	22.1	0.03	29.9	500	
60	7.8	9.86	6.17	94.37	22.7	0.02	19.6	500	
65	7.87	9.87	6.17	94.53	23.5	0.03	12.1	500	
70	7.8	9.95	6.17	94.51	24.0	0.02	10.10	500	
75	7.8	10.05	6.17	93.89	24.6	0.02	9.96	500	
80	7.8	10.11	6.16	94.59	24.9	0.02	7.75	500	
85	7.8	10.13	6.16	93.88	25.5	0.02	6.10	500	
90	7.8	10.24	6.16	93.85	25.7	0.02	6.68	500	
95	7.8	10.17	6.16	93.87	26.1	0.02	6.01	500	
100	7.8	10.14	6.16	93.82	26.5	0.02	6.5	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.050
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0304-01 **Sample Time:** 1140

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0139
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-19-16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~10°F Sun/clouds

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 74.20 ft. bmp
Depth to Water*: 5.55 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0945

Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.55	10.26	6.48	86.13	-31.50	0.11	63.2	440	1.042
10	5.55	10.18	6.44	87.13	-31.50	0.10	28.7	440	
15	5.55	10.06	6.41	87.61	-30.00	0.08	19.6	440	
20	5.55	10.16	6.39	88.11	-28.60	0.07	13.1	440	
25	5.55	10.27	6.38	88.00	-27.20	0.05	12.3	440	
30	5.55	10.07	6.38	87.81	-25.50	0.04	12.9	440	
35	5.55	10.07	6.36	88.81	-24.30	0.03	11.9	440	
40	5.55	10.05	6.36	88.81	-23.30	0.03	12.5	440	
45	5.55	10.16	6.35	89.12	-22.50	0.03	10.57	440	
50	5.55	10.19	6.35	88.20	-21.50	0.03	8.97	440	
55	5.55	10.25	6.35	88.58	-20.70	0.04	8.30	440	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1043 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.044

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0304-02 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-GWR-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWR/TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/22/16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~25°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 27.33 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1043

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.63	9.05	6.41	52.33	-37.60	0.10	35.6	420	1.020
10	27.63	8.98	6.43	52.78	-43.30	0.07	17.9	420	
15	27.63	8.96	6.43	53.34	-43.10	0.05	11.33	420	
20	27.63	~~8~~ 9.02	6.43	54.00	-41.50	0.05	7.59	420	
25	27.63	9.07	6.42	55.03	-39.60	0.04	8.86	420	
30	27.63	9.12	6.42	56.08	-37.20	0.04	7.45	420	
35	27.63	9.16	6.42	56.68	-34.70	0.04	6.79	420	
40	27.63	9.12	6.41	57.34	-31.90	0.03	5.33	420	
45	27.63	9.12	6.41	57.97	-29.40	0.03	4.73	420	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.026

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0305-02 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-850

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-22-16
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: Sun/20s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 12.13 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:36
Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.13	9.79	6.39	110.31	-33.70	0.07	36.6	500	1.056
10	12.13	9.80	6.43	110.25	-37.40	0.04	25.8	500	
15	12.13	10.32	6.44	108.49	-39.10	0.03	20.2	500	
20	12.13	10.10	6.44	109.45	-38.70	0.02	14.9	500	
25	12.13	9.95	6.45	109.63	-39.30	0.02	11.8	500	
30	12.13	10.05	6.45	109.91	-39.00	0.02	11.0	500	
35	12.13	10.14	6.45	109.01	-39.60	0.02	10.88	500	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:11 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.058
Final Observations: *Color:* clear *Odor:* n/v *Sheen/Free Product:* NO

Sample ID: SB915-0305-03 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Sampling Method: Purge | Field Personnel: WB / TBF
Site Location: Camillus, NY | Pump Type Used: Penstaltic | Date: 2/22/16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~28°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 19.15 ft. bmp
Depth to Water*: 9.70 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1223
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm))	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0	9.70	7.06	6.31	74.15	-6.0	0.75	4.00	NA	1.032
5	11.60	9.74	6.52	65.13	-43.0	0.24	4.96	500	
10	10.42	9.41	6.63	50.49	-50.0	1.13	4.63	500	
15	10.3	9.35	6.85	28.25	-58.3	1.23	3.57	500	
20	10.3	9.26	7.42	20.24	-138.4	0.76	12.9	500	
25	10.25	9.27	7.96	19.04	-198.8	0.54	19.1	500	
30	10.27	9.69	8.50	17.87	-227.5	0.55	18.1	500	
35	10.25	9.45	9.81	17.66	-235.9	0.97	27.2	500	
40	10.25	9.78	10.35	17.61	-242.1	0.97	22.1	500	
45	10.3	9.97	11.00	17.34	-158.6	1.14	20.2	500	
50	10.25	9.92	11.26	17.62	-60.8	1.29	19.2	500	
55	10.25	10.18	11.44	17.71	-27.0	1.43	19.4	500	
60	10.25	10.24	11.56	17.94	-13.1	1.56	19.7	500	
65	10.25	10.09	11.65	17.86	-6.70	1.70	18.8	500	
70	10.27	9.92	11.75	18.1	-4.2	1.82	18.1	500	
75	10.3	10.37	11.79	18.17	-2.10	1.89	17.3	500	
80	10.3	10.00	11.85	18.38	-0.3	2.02	15.15	500	
85	10.3	10.06	11.89	18.31	0.38	2.08	15.9	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1352 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.008
Final Observations: Color: Clear Odor: No Sheen/Free Product: None

Sample ID: SB915-0305-04 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA02122
Turbidity Meter:	LaMotte	2020we	FA01174
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-22-18
Project #: 1163.61104 | Pump/Controller ID#: FA00615 | Weather: Sun, 20s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 68.77 ft. bmp
Depth to Water*: 23.98 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: ~~1034~~ 11:02
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.02	9.76	6.87	1.09	14.60	2.99	15.4	320	1.002
10	24.02	10.00	6.90	1.41	1.30	0.88	19.9	320	
15	24.02	10.28	6.91	1.49	-1.20	0.29	9.04	320	
20	24.02	9.20	6.92	1.51	6.00	0.19	5.70	180*	
25	24.02	9.67	6.91	1.53	8.60	0.15	6.15	180	1.000
30	24.02	9.99	6.91	1.51	13.40	0.11	6.39	180	
35	24.02	9.96	6.91	1.51	15.20	0.10	5.95	180	
40	24.02	10.19	6.91	1.52	15.90	0.10	4.05	180	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:42 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* No *Sheen/Free Product:* NO

Sample ID: SB915-0305-01 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: * max speed - replace flex tubing?

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder	Date:	2-23-16
Project #:	1163.61104	Pump/Controller ID#:	FA02253/FA01198	Weather:	Sun, 30°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 124.05 ft. bmp
Depth to Water*: 66.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:57

Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	66.90	10.10	7.27	1.39	-36.80	0.30	74.2	480	1.000
10	66.90	10.08	7.26	1.45	-40.30	0.19	81.2	480	
15	66.90	10.17	7.25	1.48	-40.00	0.13	59.6	480	
20	66.90	10.18	7.24	1.54	-38.10	0.10	53.3	480	
25	66.90	10.22	7.23	1.61	-36.00	0.07	40.1	480	
30	66.90	10.21	7.21	1.73	-35.70	0.06	37.3	480	
35	66.90	10.23	7.20	1.79	-36.50	0.05	27.4	480	1.000
40	66.90	10.29	7.20	1.81	-35.50	0.04	21.1	480	
45	66.90	10.38	7.20	1.82	-35.10	0.03	19.1	480	
50	66.90	10.34	7.20	1.83	-34.90	0.03	18.6	480	
55	66.90	10.41	7.20	1.82	-34.30	0.03	16.4	480	
60	66.90	10.53	7.20	1.82	-34.60	0.02	13.0	480	
65	66.90	10.52	7.20	1.82	-33.50	0.02	12.5	480	
70	66.90	10.57	7.20	1.83	-33.00	0.02	12.0	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:12 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0306-01 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: CPM-5; ID-144

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53J

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/16
Project #: 1163.61104 | Pump/Controller ID#: FA02526 | Weather: 30's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: ~~44.45~~ 44.45 ft.
Length of Water Column: 28.73 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 4.68 gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1054
Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	46.84	10.31	11.88	124.0	-162.9	0.47	97.3	120	1.070
10	47.23	10.25	11.89	123.64	-162.9	0.52	98.8	120	
15	47.95	10.13	11.90	122.68	-149.1	0.26	94.9	120	
20	48.84	10.42	11.89	121.39	-140.3	0.16	93.1	120	
25	49.22	10.25	11.90	122.53	-141.8	0.14	87.2	120	
30	49.88	10.42	11.9	122.44	-145.2	0.12	76.2	120	
35	50.7	10.42	11.9	122.73	-147.3	0.11	60.8	120	
40	51.05	10.47	11.91	122.52	-149	0.11	48.3	120	
45	51.45	10.61	11.90	123.25	-149.5	0.10	41.3	120	
50	52	10.7	11.9	122.99	-149.3	0.11	33.7	120	
55	52.1	10.75	11.9	122.99	-150.3	0.11	33.9	120	
60	52.38	10.86	11.9	122.52	-150.1	0.13	30.4	120	
65	52.85	10.79	11.9	123.93	-152.6	0.12	25.5	120	
70	53.2	10.80	11.9	123.21	-153.2	0.15	23.1	120	
75	53.45	10.79	11.9	123.26	-155.1	0.14	22.9	120	
80	53.74	10.84	11.9	122.83	-156.9	0.14	22.5	120	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1217 Total volume of groundwater purged: 4 gallon(s). Specific Gravity: 1.066
Final Observations: Color: Clear Odor: NO Sheen/Free Product: None

Sample ID: SB915-0306-02 **Sample Time:** 1241

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01139
Turbidity Meter:	LaMotte	2020we	FA 02122
Other:			

Notes: CPM 2 Discharge 15 Refill 45 ID 15
100PSI

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-23-16
Project #: 1163.61104 | Pump/Controller ID#: FA01196 / FA02072 | Weather: ~25°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 12.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1028
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.40	Water not in	flow through cell yet				20.3	450	1.112
10	14.45	10.63	6.19	191.75	35.60	0.83	31.4	450	
15	17.32	10.76	6.31	185.85	-3.40	0.10	47.4	450	
20	20.15	10.85	6.35	146.75	-12.10	0.09	*~~47~~ 28.8	450	
25	22.60	10.79	6.36	188.93	-15.60	0.06	20.9	450	
30	24.80	10.81	6.36	190.12	-16.70	0.05	*~~20.9~~ 15.6	450	
35	27.40	10.90	6.36	191.26	-16.90	0.05	13.5	450	
40	29.65	~~10~~ 11.00	6.36	191.51	-16.70	0.04	*~~16.7~~ 11.2	450	
45	32.20	11.09	6.36	190.48	-16.40	0.04	10.38	450	
50	33.80	11.13	6.36	190.12	-16.50	0.03	9.77	450	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1120 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.116
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0306-03 **Sample Time:** 1135

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: CSM: 3 PSI: 120 * Air bubbles in water
R: 11.0 150 mL/purge
D: 9.0

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: ~~2/23/16~~ 2/23/16
Project #: 1163.61104 | Pump/Controller ID#: FA02526 | Weather: 40s Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.40 ft. bmp
Depth to Water*: 67.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1401
Initial Observations: Color: Slightly Cloudy Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~	67.65	10.5	6.8	95.82	-59.0	0.33	70.1	450	1.056
10	67.7	10.51	6.51	102.5	-56.6	0.13	36	450	
15	67.7	10.51	6.43	104.46	-51.6	0.11	67.7	450	
20	67.65	10.47	6.38	104.22	-46.6	0.09	47.3	450	
25	67.65	10.47	6.34	104.29	-43.1	0.08	41.2	450	
30	67.7	10.44	6.32	104.45	-40.6	0.06	36.7	450	
35	67.7	10.45	6.31	104.27	-38.8	0.06	36.8	450	
40	67.7	10.44	6.30	104.07	-37.5	0.05	35.9	450	
45	67.7	10.47	6.29	104.22	36.2	0.05	35.5	450	1.056
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1450 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* _____
Final Observations: Color: Slightly Cloudy Odor: NO Sheen/Free Product: NONE

Sample ID: SB915-0306-04 **Sample Time:** 1505

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	EA 02126
Other:			

Notes: CPM 5 ID 141 Refill 5.6 Discharge 6.4 PSI 80

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-23-16

Project #: 1163.61104 | Pump/Controller ID#: FA01196 / FA02072 | Weather: ~25°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 114.59 ft. bmp

Depth to Water*: 13.78 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1215

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.20	11.70	6.98	188.92	-11.80	0.24	21.9	420	1.104
10	20.15	11.74	7.09	184.74	-18.10	0.16	16.2	420	
15	22.80	11.77	7.14	184.98	-22.20	0.13	12.5	420	
20	25.55	11.79	7.18	185.06	-23.10	0.12	8.21	420	
25	28.00	11.78	7.20	185.47	-23.40	0.11	8.27	420	
30	29.90	11.78	7.21	185.29	-23.20	0.12	7.20	420	1.104
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1245 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.104

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0306-05 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01429
Other:			

Notes: CPM: 3 PSI: 120
R: 11 140 mL/purge
D: 9

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-23-16
Project #: 1163.61104 | Pump/Controller ID#: FA02253/FA01198 | Weather: Sun+clouds, 40°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 47.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:45
Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	50.12	10.93	12.03	101.77	-106.90	0.31	98.8	290	1.052
10	51.52	10.76	12.06	100.77	-91.80	0.33	97.5	290	
15	53.34	10.72	12.07	100.52	-75.30	0.42	81.8	290	
20	54.87	10.62	12.08	100.90	-74.10	0.40	61.9	290	
25	56.45	10.57	12.08	100.88	-81.20	0.56	41.1	300	
30	58.00	10.54	12.09	100.38	-81.50	0.91	34.7	300	
35	59.45	10.48	12.10	99.85	-84.90	1.45	26.7	300	1.048
40	60.10	10.24	12.12	99.28	-84.70	1.82	20.9	165	
45	60.25	10.15	12.11	100.92	-97.10	1.53	18.1	125	
50	60.23	10.10	12.12	100.94	-99.00	1.53	16.3	125	
55	60.22	10.10	12.11	102.91	-107.80	1.19	12.6	125	
60	60.22	10.18	12.11	103.51	-112.20	1.03	10.99	125	
65	60.22	10.15	12.11	104.06	-123.20	0.89	8.36	125	1.052
70	60.25	10.01	12.12	105.03	-119.70	0.77	6.49	125	
75	60.29	9.91	12.12	105.27	-128.60	0.67	4.81	125	
80	60.36	9.82	12.13	106.58	-125.80	0.58	4.89	125	
85	60.39	9.78	12.13	106.42	-132.30	0.51	4.17	125	
90	60.43	9.78	12.13	107.06	-133.40	0.46	3.41	125	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 15:15 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: A-U clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0306-06 **Sample Time:** 15:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ~~BOD~~

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-23-16
Project #: 1163.61104 | Pump/Controller ID#: FA01196 / FA2072 | Weather: ~28°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 158.80 ft. bmp
Depth to Water*: 24.53 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1337
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.70	11.18	6.86	210.87	11.6	0.20	9.75	450	1.104
10	29.40	11.14	6.80	211.61	0.30	0.13	12.10	450	
15	31.15	11.10	6.80	212.84	-6.50	0.11	10.18	450	
20	33.30	11.09	6.79	212.30	-8.20	0.08	8.73	450	
25	34.50	11.04	6.78	211.62	-8.40	0.07	6.45	450	
30	35.70	11.00	6.77	211.45	-8.20	0.07	5.96	450	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.130
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0306-07 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: CPM: 3 PSI: 120
R: 11
D 9

Low Flow Groundwater Sampling Log

Well ID: SB915-WR-094

Site Name: SB915 Closure / SCA | Sampling Method: Purge | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic/Purge | Date: 2-19-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 14.35 ft. bmp
Depth to Water*: 10.09 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1101
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.91	8.41	7.02	1.93	0.00	0.33	26.3	220	1.002
10	13.20	8.57	6.92	1.87	-22.90	0.25	25.0	220	
15	Well	Dry							
2-22-16	9.57	~~8.59~~	~~6.64~~						
3	10.65	~~8.60~~	6.64	1.96	0	0.27	25.7	~~1.002~~	1.002
6	11.40	~~8.66~~	6.60	1.95		0.35	24.8	200	
9	12.05		6.63	1.93		0.25	21.9	200	
12	12.85		6.60	1.91		0.20	21.3	200	
15	Dry								
2-23-16	9.52	8.79	8.36	2.98	-7.4	12.26	11.6	NA	1.006
1444									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: SB915-0306-08 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP/CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 2-24-16

Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 35.35 ft. bmp

Depth to Water*: 31.32 ft.

Length of Water Column: 4.03 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP / CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 36.15 ft. bmp
Depth to Water*: ~~33.4~~ 33.44 ft.
Length of Water Column: 2.71 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not	enough	water	to sample						
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*
Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~32°F Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.09 ft. bmp
Depth to Water*: 6.32 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1242
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.32	10.15	12.46	8.90	-1.30	3.82	2.77	380	1.004
10	6.32	10.06	12.44	8.98	11.00	3.52	1.19	380	
15	6.32	10.11	12.44	9.02	14.00	3.22	1.37	380	
20	6.32	10.10	12.44	9.04	15.50	3.12	1.69	380	
25	6.32	10.13	12.45	9.06	16.20	3.05	0.78	380	
30	6.32	10.16	12.45	9.06	16.50	3.04	1.99	380	
35	6.32	10.20	12.46	9.06	17.00	3.02	0.48	380	
40	6.32	10.19	12.47	9.07	17.60	3.00	1.04	380	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1325 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: clear Odor: No Sheen/Free Product: NO

Sample ID: SB915-0307-01, 02(MS), 03(MSD) **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 7/24/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 80's Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 42.1 ft. bmp
Depth to Water*: 24.45 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1249
Initial Observations: Color: clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.64	10.41	11.78	61.88	-151.5	0.24	7.46	315	1.030
10	25.75	10.42	11.79	61.28	-153.2	0.16	6.23	315	
15	25.8	10.42	11.79	62.65	-152.1	0.13	9.09	315	
20	25.91	10.42	11.79	63.86	-152.5	0.13	7.75	315	
25	26	10.42	11.78	65.09	-152.8	0.09	6.62	315	
30	25.9	10.42	11.78	66.1	-152.8	0.09	6.55	315	
35	26	10.42	11.78	67.07	-153.6	0.10	5.38	315	
40	26	10.42	11.78	67.68	-152.8	0.09	5.21	315	
45	26	10.42	11.77	68.28	-153.5	0.07	4.51	315	1.032
50	25.96	10.42	11.77	68.83	-153.5	0.09	3.63	315	
55	26	10.42	11.77	69.23	-153.9	0.08	3.24	315	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1346 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: clear Odor: NO Sheen/Free Product: None

Sample ID: SB915-0307-04 (-05 FD) **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: CPM-9 R-14 D-9 PSI 30

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: FA01198/FA01240 | Weather: Rain, 35°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 32.31 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:54
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	35.62	10.64	12.24	53.02	-10.00	0.36	28.1	400	1.026
10	37.83	10.68	12.35	47.42	-3.60	2.53	22.7	400	
15	39.19	10.72	12.37	46.67	1.30	2.99	23.1	400	
20	40.56	10.72	12.39	47.59	1.10	2.68	19.3	400	
25	41.80	10.74	12.40	49.07	-0.20	2.31	15.0	400	
30	42.71	10.73	12.40	51.28	-2.20	2.00	11.6	400	
35	43.60	10.76	12.40	53.92	-5.30	1.72	10.21	400	1.024
40	44.18	10.76	12.40	56.59	-8.30	1.49	8.16	400	
45	44.82	10.76	12.39	59.29	-11.70	1.29	6.66	400	
50	45.27	10.78	12.39	61.86	-14.90	1.15	6.22	425	
55	45.79	10.78	12.38	63.92	-17.40	1.02	4.80	425	
60	46.18	10.81	12.38	66.33	-20.80	0.93	4.46	425	
65	46.57	10.81	12.38	67.12	-22.40	0.78	3.55	425	1.030
70	46.96	10.81	12.37	69.74	-24.70	0.74	3.61	425	
75	47.25	10.81	12.36	71.27	-27.20	0.67	2.48	425	
80	47.45	10.83	12.36	72.16	-29.80	0.62	2.90	425	
85	47.65	10.84	12.35	74.11	-31.80	0.59	2.48	425	
90	47.84	10.83	12.35	74.71	-33.80	0.52	2.52	425	
95	48.08	10.81	12.35	75.67	-35.60	0.48	1.83	425	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:30 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.034
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0307-06 **Sample Time:** 14:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: Purge / Bail | Field Personnel: JWB, TJB, JAH
Site Location: Camillus, NY | Pump Type Used: PVC Bailer | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~32°F Rain

Well Information:

Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 41.79 ft. bmp
Depth to Water*: 36.65 ft.
Length of Water Column: 5.14 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: ____

Initial Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
		9.21	12.46	36.73	-29.4	4.87	8.27		
2/24/16 1135	36.04	8.78	11.94	38.39	31.9	6.87	1.13	—	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.018

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0307-07 **Sample Time:** 1135

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S

Site Name: SB915 Closure / SCA | Sampling Method: Purge/Bail | Field Personnel: JeB, TBP, CAH
Site Location: Camillus, NY | Pump Type Used: PVC Bailer | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~32°F Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 34.93 ft. bmp
Depth to Water*: 24.9 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0		12.88	12.62	10.01	2.9	6.41	18.7		
2/24/16 1041	23.79	11.27	11.81	9.01	102.8	5.09	2.88		1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0307-08 **Sample Time:** 1045

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWR

Site Location: Camillus, NY | Pump Type Used: | Date: 2-24-16

Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA | Sampling Method: ~~/~~ | Field Personnel: JW B

Site Location: Camillus, NY | Pump Type Used: ~~/~~ | Date: 2.24.16

Project #: 1163.61104 | Pump/Controller ID#: ~~/~~ | Weather: _____

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 45.06 ft. bmp

Depth to Water*: 43.85 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: Purge | Field Personnel: CAH, JWB, TBP

Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 2-24-16 / 2-25-16

Project #: 1163.61104 | Pump/Controller ID#: | Weather: Rain

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 46.99 ft. bmp

Depth to Water*: 39.45 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
2-24-16		9.22	12.01	6.04	23.9	6.19	11.2		
2-25-16	38.65	10.57	11.91	6.74	28.6	6.75	13.1	NA	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0308-01 **Sample Time:** 9:45

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/25/16
Project #: 1163.61104 | Pump/Controller ID#: FA01198 | Weather: 30's Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 27.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1105
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO
Slightly cloudy

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.32	10.32	8.76	55.85	-19.6	0.37	93.9	500	1.028
10	31.35	10.38	8.28	58.06	-52.9	0.17	73.0	500	
15	32.65	10.44	7.96	63.65	-44.7	0.11	58.9	500	
20	33.5	10.39	7.74	67.7	-32.3	0.08	47.2	500	
25	34.2	10.44	7.58	69.94	-23.7	0.06	46.4	500	
30	34.74	10.39	7.45	71.17	-18.4	0.05	36.5	500	
35	35	10.43	7.36	71.97	-13.7	0.04	33.2	500	
40	35.2	10.45	7.27	72.97	-10.5	0.03	32.8	500	
45	35.42	10.42	7.20	73.16	-7.10	0.03	29.1	500	
50	35.6	10.42	7.15	73.68	-5.1	0.02	26.5	500	
* 55	35.6	10.38	7.08	74.73	-2.7	0.02	25.5	500	
60	35.4	10.39	7.06	74.77	-1.9	0.02	24.6	500	
65	35.4	10.41	7.02	74.74	-0.20	0.02	24.8	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1213 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.038
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0308-02 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: 65 psi cpm 5 R-7 D-5

* I Pod Did Not Record live Reading taken

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-25-16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: Rain, 40°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 129.41 ft. bmp
Depth to Water*: 29.30 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 11:25
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.15	7.53	8.19	88.28	-134.40	0.42	11.49	490	1.042
10	31.43	7.77	8.31	90.11	-159.70	0.15	15.2	325	
15	31.65	7.74	7.97	83.20	-120.60	0.12	11.5	325	
20	31.80	7.81	7.65	85.55	-80.00	0.10	10.91	325	
25	31.87	7.86	7.48	86.89	-61.00	0.08	8.40	325	
30	31.92	7.91	7.37	87.55	-49.70	0.07	8.77	325	
35	31.94	7.96	7.27	89.19	-39.50	0.06	6.98	325	1.042
40	31.98	7.91	7.21	88.80	-33.00	0.05	6.34	325	
45	31.94	7.96	7.16	88.40	-28.60	0.05	6.15	325	
50	31.98	7.96	7.12	88.27	-24.50	0.04	5.96	325	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:15 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.042
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0308-03 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-25-16
Project #: 1163.61104 | Pump/Controller ID#: / FA02490 | Weather: ~40°F Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.72 ft. bmp
Depth to Water*: 27.67 ft.
Length of Water Column: 102.05 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1110
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.40	10.50	6.69	98.06	-47.10	0.40	40.5	420	1.030
10	28.60	10.62	6.77	83.74	-55.60	0.16	15.0	420	
15	28.60	10.62	6.79	84.45	-56.10	0.11	6.61	420	
20	28.60	10.60	6.79	81.96	-54.00	0.09	4.81	420	
25	28.60	10.57	6.78	81.10	-52.10	0.07	3.96	420	
30	28.60	10.62	6.77	81.25	-49.50	0.05	3.64	420	
35	28.60	10.62	6.77	82.54	-48.20	0.04	3.07	420	
40	28.60	10.60	6.76	83.04	-46.90	0.04	3.55	420	
45	28.60	10.62	6.76	83.17	-46.10	0.03	2.39	420	
50	28.60	10.62	6.77	83.43	-45.40	0.02	2.00	420	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.040
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0308-04 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: CPM: 4 PSI: 115
R: 10 105 mL/purge
D: 5

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-9OBR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-26-16

Project #: 1163.61104 | Pump/Controller ID#: FA022.53 / FA011498 | Weather: ~15°F Sun/Windy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 137.58 ft. bmp

Depth to Water*: ~~83.60~~ ft. 25.71

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1200

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.70	9.73	6.67	76.41	-19.70	0.24	88	500	1.044
10	33.00	9.82	6.80	67.42	-27.90	0.12	68.3	500	
15	34.40	9.80	6.81	61.37	-43.60	0.08	127.2	500	
20	35.70	9.77	6.86	59.75	-47.10	0.05	103	500	
25	36.80	10.06	6.92	58.81	-53.30	0.04	34	500	
30	36.00	10.13	6.96	58.33	-56.50	0.03	62.3	500	
35	38.5	10.17	6.00	58.01	-62.20	0.03	50.5	500	
40	38.95	10.25	6.99	57.13	-61.40	0.02	33.1	500	
45	39.30	10.10	6.97	57.38	-54.40	0.02	24.0	500	
50	39.78	10.20	6.96	57.25	-52.70	0.02	19.4	500	
55	39.92	10.24	6.94	57.03	-49.80	0.01	18.1	500	
60	34.95	10.20	6.92	56.72	-44.80	0.01	15.4	500	
65	39.95	10.06	6.91	56.98	-42.80	0.01	12.2	500	
70	39.98	10.06	6.89	56.91	-40.20	0.01	13.4	500	
75	40.02	10.15	6.88	56.60	-38.10	0.01	12.0	500	
80	40.02	10.12	6.86	57.09	-35.30	0.01	12.0	500	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1320 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.028

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0309-02 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: CPM: 4 PSI: 120

R: 10.0

D: 5.0

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-9BBR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/26/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 20's Snow

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: ~~197.09~~ ft. bmp 154.84
Depth to Water*: ~~76.45~~ ft. 27.35
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1236
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.6	8.22	6.62	149.93	-7.9	0.14	M	400	1.080
10	35.55	8.17	6.62	145.33	-7.00	0.12	24.6	400	
15	38	8.58	6.58	145.78	-5.9	0.11	26.3	400	
20	39.65	8.51	6.57	145.06	-6.6	0.09	19.2	400	
25	41.25	8.7	6.57	145.16	-7.7	0.09	17.0	400	
30	43.05	8.45	6.58	145.71	-8.1	0.08	14.3	400	
35	44.3	8.84	6.57	144.7	-8.2	0.08	17.8	400	
40	~~45.75~~	8.65	6.58	M144.59	-7.70	0.08	13.9	400	
45	47	8.74	6.58	144.80	-7.00	0.07	15.6	400	
50	48	8.46	6.58	145.11	-5.9	0.07	12.0	400	
55	49.11	8.84	6.59	144.33	-6.3	0.07	10.25	400	
60	49.45	8.26	6.60	144.55	-5.4	0.07	11.3	400	
65	49.98	8.13	6.60	145.44	-4.8	0.08	12.4	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1344 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.080
Final Observations: Color: Clear Odor: NO Sheen/Free Product: None

Sample ID: SB915-0309-01 **Sample Time:** 14:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JwB

Site Location: Camillus, NY | Pump Type Used: | Date: 2-29-16

Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~35°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.70 ft. bmp

Depth to Water*: 14.05 ft.

Length of Water Column: 1.65 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-915

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-29-16
Project #: 1163.61104 | Pump/Controller ID#: FA01198 | Weather: windy, 35°F, sunny/clouds

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 43.95 ft. bmp
Depth to Water*: 21.39 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:47

Initial Observations: Color: white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.05	10.45	12.13	41.47	-13.00	0.19	42.5	340	1.020
10	24.10	10.27	12.28	41.48	-9.90	0.15	37.3	340	
15	24.65	10.20	12.33	41.38	-6.80	0.15	32.7	340	
20	25.18	10.11	12.37	40.79	-4.40	0.23	19.3	340	
25	25.42	10.36	12.40	40.22	-5.10	0.29	14.1	340	
30	25.63	10.25	12.41	40.02	-1.60	0.31	13.9	340	1.018
35	25.85	10.67	12.41	40.08	-1.90	0.27	13.0	340	
40	26.00	10.67	12.41	40.35	-2.90	0.22	9.63	340	
45	26.24	10.39	12.42	40.72	-2.80	0.17	7.47	340	
50	26.32	10.30	12.42	40.47	-3.20	0.14	5.28	340	
55	26.40	10.44	12.43	40.87	-3.50	0.11	4.45	340	
60	26.51	10.35	12.44	40.85	-3.20	0.09	4.14	340	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:48 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.018

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0310-01 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/24/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 30's windy/cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 83.39 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1300
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	84.03	9.86	7.60	168.92	-107.3	0.61	91.6	320	1.088
10	86.5	9.95	7.59	171.15	-127.2	0.30	98.3	320	
15	89	9.86	7.88	167.85	-178.6	0.18	81.5	320	
20	903	9.96	7.77	158.29	-178.8	0.18	48.5	320	
25	92	10.38	7.67	157.09	-171.7	0.18	42.2	320	
30	93.85	10.00	7.66	157.47	-169.5	0.17	38.0	320	
35	95.15	9.79	7.66	155.7	-168.1	0.16	34.0	320	
40	96.7	10.03	7.64	158.05	-167.1	0.15	27.2	320	
45	98.35	10.18	7.62	158.63	-165.5	0.15	36.6	320	
50	100	9.71	7.62	158.13	-163.1	0.14	30.8	320	
55	101.25	9.86	7.61	157.99	-162.8	0.14	32.9	320	
60	102.6	9.84	7.64	159.3	-165.4	0.12	32.2	320	
65	104.2	10.09	7.63	158.46	-171.8	0.11	36.2	320	
70	105.65	9.72	7.76	158.16	-181.2	0.10	32	320	
75	107.35	9.86	7.88	158.74	-197.8	0.09	33.9	320	
80	108.65	10.09	8.02	157.87	-217.1	0.07	34.8	320	
85	109.9	10.28	8.18	156.44	-234.7	0.06	36.8	320	
90	111.25	10.25	8.26	156.71	-241.4	0.06	34.0	320	
95	112.64	10.19	8.26	156.29	-241.5	0.06	33.6	320	
100	113.83	10.25	8.23	154.84	-237.0	0.06	33.2	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1485 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.088
Final Observations: Color: Clear Odor: NO Sheen/Free Product: None

Sample ID: SB915-0310-02 **Sample Time:** 1500

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAQ 1134
Turbidity Meter:	LaMotte	2020we	FAQ 1929
Other:			

Notes: 120 PSI
R-5-Sec CPM 4.
D- 10sec

O'BRIEN & GERE Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-91BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 12/29/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	115.1	10.09	8.19	154.63	-232.8	0.06	32.8	320	1.088

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JwB/TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-24-16
Project #: 1163.61104 | Pump/Controller ID#: FA02253 / FA02490 | Weather: _____

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.60 ft. bmp
Depth to Water*: 40.31 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1018

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	40.40	9.08	7.50	1.03	55.90	0.35	8.56	400	1.000
10	40.40	9.00	7.22	1.02	50.30	0.37	5.25	400	
15	40.40	8.93	7.29	1.04	42.90	0.13	4.41	400	
20	40.40	8.98	7.22	1.05	42.00	0.12	4.02	400	
25	40.40	9.04	7.21	1.06	41.40	0.11	2.29	400	
30	40.40	8.98	6.97	1.06	51.90	0.10	1.63	400	
35	40.40	8.93	7.12	1.07	42.00	0.09	1.48	400	
40	40.40	8.92	7.01	1.07	46.20	0.08	1.73	400	
45	40.40	8.94	7.12	1.07	39.80	0.07	1.29	400	
50	40.40	9.02	7.02	1.08	47.60	0.06	1.31	408	
55	40.40	9.02	7.12	1.08	41.70	0.05	1.44	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0310-03 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: CPM: 4 PSI: 45
R: 9
D 6

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-929

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 3/1/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 30's mostly cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 50.65 ft. bmp
Depth to Water*: 17.8 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:15

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.15	9.44	12.36	29.94	-114.1	0.25	24.0	300	1.016
10	19.6	9.57	12.38	29.9	-111.9	0.15	18.7	300	
15	21.72	9.62	12.39	29.92	-108.9	0.12	15.8	300	
20	22.7	9.53	12.4	29.88	-106.0	0.11	12.5	300	
25	23.35	9.48	12.41	29.73	-104.5	0.11	12.7	300	
30	24.05	9.40	12.42	28.59	-103.1	0.09	7.59	300	1.014
35	24.5	9.44	12.43	28.3	-103.0	0.08	5.10	300	
40	24.94	9.34	12.43	28.28	-101.5	0.09	4.31	300	
45	25.28	9.29	12.43	28.46	-100.8	0.10	4.45	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1102 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.014

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NONE

Sample ID: SB915-0311-01 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: ~~BOD~~ 35 PSI R-10 ?
3 CPM D-9 ?

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 3.1.16
Project #: 1163.61104 | Pump/Controller ID#: / FA01198 | Weather: ~18°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 197.89 ft. bmp
Depth to Water*: 75.80 ft.
Length of Water Column: 122.09 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1022
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	79.30	9.31	6.93	75.84	16.60	0.47	8.38	500	1.034
10	82.80	9.47	7.06	75.06	-27.50	0.23	18.8	500	
15	86.10	9.50	7.10	72.09	-37.50	0.19	20.9	500	
20	88.85	9.40	7.15	70.28	-44.20	0.16	18.4	500*	
25	91.35	9.45	7.17	70.09	-46.50	0.15	14.7	500	
30	94.10	9.37	7.16	70.24	-44.80	0.14	10.83	500	
35	97.15	9.39	7.16	70.60	-43.20	0.13	7.79	500	
40	99.40	9.41	7.16	71.27	-41.70	0.12	7.41	500	1.038
45	101.75	9.36	7.16	71.74	-40.30	0.11	6.13	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1108 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.038
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0211-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: CPM: 4 PSI: 120
R: 6 sec. ~~1000~~ mL/purge
D: 9 sec. 125

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107RR

Site Name: SB915 Closure / SCA | Sampling Method: LOW FLOW | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: BLADDER | Date: 3/1/16

Project #: 1163.61104 | Pump/Controller ID#: ~~FA011906~~ | Weather: 30's Partly Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 133.55 ft. bmp

Depth to Water*: 13.35 ft.

Length of Water Column: 120.20 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1315

Initial Observations: Color: clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.6	8.72	7.51	208.4	-31.4	1.00	20.8	230	1.130
10	21.75	9.29	7.01	205.8	-38.6	0.94	23.3	230	
15	22.35	9.29	6.81	207.23	-44.8	1.25	15.8	230	
20	24.75	9.64	6.70	206.26	-48.1	1.21	17.7	230	
25	26.35	9.76	6.64	206.08	-49.2	1.15	14	230	
30	28	9.79	6.61	207.09	-49.7	1.09	12	230	
35	29.41	9.76	6.60	206.06	-49.7	1.04	10.61	230	
40	30.5	9.86	6.59	206.15	-49.8	0.99	10.18	230	
45	31.64	9.84	6.58	204.75	-49.2	0.95	10.0	230	
50	33.05	9.67	6.58	206.12	-48.5	0.95	9.95	230	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:09 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.130

Final Observations: Color: clear Odor: NO Sheen/Free Product: None

Sample ID: SB915 - 0311-03 **Sample Time:** 14:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011139
Turbidity Meter:	LaMotte	2020we	FA01929
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 3/11/16

Project #: 1163.61104 | Pump/Controller ID#: FA00140 | Weather: 40's cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.6 ft. bmp

Depth to Water*: 4.4 ft.

Length of Water Column: 16.2 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other: _____

Start Purge Time: 1032

Initial Observations: Color: clear Odor: NO Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~	7.45	7.82	12.34	6.66	-11.4	6.67	3.36	400	1.002
10	7.45	7.91	12.41	6.66	-11.3	6.67	1.70	400	
15	7.45	7.85	12.44	6.66	0.50	6.67	1.34	400	
20	7.45	7.87	12.47	6.51	5.5	4.38	1.42	400	
30	7.45	7.90	12.45	6.51	10.30	4.36	1.11	400	
35	7.45	7.96	12.46	~~12.46~~ 6.50	12.[illegible]	4.34	.99	400	
40	7.45	7.92	12.46	6.50	14.80	4.34	1.17	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: none

Sample ID: SB915 - 0312 - 01 **Sample Time:** 11:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0/327
Turbidity Meter:	LaMotte	2020we	FA0/929
Other:			

Notes: trans Pucer pulled 10:16 Reinstalled 11:32

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 3-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA02490 | Weather: windy, 40°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.10 ft. bmp
Depth to Water*: 79.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 10:45

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	79.92	10.15	6.71	13.86	-64.70	0.63	9.06	500	1.004
10	79.92	10.37	6.71	12.99	-70.50	0.73	16.8	500	
15	79.92	10.35	6.71	11.19	-66.80	0.80	15.7	500	
20	79.92	10.34	6.71	9.83	-62.70	0.67	15.4	500	
25	79.92	10.38	6.73	8.74	-61.10	0.49	13.9	500	
30	79.92	10.37	6.73	8.11	-59.00	0.44	12.1	500	1.002
35	79.92	10.44	6.69	7.48	-55.30	0.37	10.75	500	
40	79.92	10.40	6.71	7.01	-53.90	0.32	11.4	500	
45	79.92	10.44	6.67	6.75	-50.20	0.28	11.56	500	
50	79.92	10.36	6.68	6.62	-50.40	0.32	12.4	500	
55	79.92	10.39	6.68	6.38	-49.10	0.28	11.58	500	1.002
60	79.92	10.44	6.66	6.18	-47.20	0.23	12.6	500	
65	79.92	10.44	6.69	6.04	-46.60	0.22	12.6	500	
70	79.92	10.44	6.64	5.96	-44.30	0.22	10.64	500	
75	79.92	10.44	6.66	5.80	-45.10	0.19	9.84	500	
80	79.92	10.40	6.63	5.71	-41.80	0.17	10.95	500	
85	79.92	10.51	6.69	5.68	-44.00	0.17	8.61	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:10 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0312-02 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02122
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW/S
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 3-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA01148 | Weather: ~35°F Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.16 (Soft) ft. bmp
Depth to Water*: 6.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1117

Initial Observations: Color: Milky White Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm))	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.00	9.62	12.64	5.09	4.50	1.14	121.4	400	1.082
10	9.50	9.64	12.61	5.07	8.50	1.13	158	400	
15	9.65	9.62	12.61	5.01	10.70	1.17	110	400	
20	9.70	9.58	12.61	4.90	13.40	1.32	57	400	
25	9.75	9.62	12.61	4.78	14.50	1.52	6.9	400	
30	9.75	9.62	12.60	4.67	15.40	1.68	46.0	400	
35	9.76	9.62	12.57	4.45	17.10	2.15	34.6	400	
40	9.85	9.65	12.59	4.58	17.50	1.97	27.7	400	
45	10.10	9.60	12.61	4.68	17.60	1.80	26.4	400	
50	10.25	9.61	12.62	4.77	17.90	1.63	20.4	400	
55	10.30	9.67	12.63	4.82	18.40	1.51	14.3	400	
60	10.40	9.60	12.64	4.89	19.10	1.37	12.8	400	
65	10.65	9.62	12.64	4.92	19.30	1.32	12.4	400	
70	10.82	9.57	12.65	4.93	19.30	1.30	11.6	400	1.080
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1227 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0312-03 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: * PVC Riser Broken below grade, dug up + replace w/ new 2" PVC riser. Elevation not accurate (not surveyed)

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 3-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA-02490 | Weather: Rain, 40s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 39.4 ft. bmp
Depth to Water*: 33 ~~35.60~~ ft.
Length of Water Column: 6.4 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 8:52
Initial Observations: *Color:* White *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	33	14.61	6.34	2.66	3.87	3.85	84.4		1.004
		Purged ~1.25 gal							
	36.50								
3-11-16 5	~~35.60~~	10.98	6.19	3.29	6.30	0.45	132	200	1.002
10	37.70	10.80	6.17	3.28	4.10	0.62	48.7	200	
15	38.15	9.90	6.20	3.28	7.00	0.64	41.1	100	
20	DRY								
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1327
Turbidity Meter:	LaMotte	2020we	FAO 1929
Other:			

Notes: _____

APPENDIX B

2nd Quarter 2016 Groundwater Sampling Logs

O'BRIEN & GERE

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S
Northing: 914035.68
Easting: 1122808.01

Site Name:	SB915 Closure/SCA	Sampling Method:	Peristaltic Pump	Field Personnel:	JWB
Site Location:	Camillus, NY	Equipment Used:	GeoPump	Date:	5/5/2016
Project #:	1663.61104	Pump/Controller ID#:		Weather:	55ºF CLOUDY

Well information:

Installed Depth of Well*:	20	ft. bmp.
Measured Depth of Well*:	20.2	ft. bmp.
Depth to Water*:	12.15	ft. bmp.
Length of Water Column (LWC):	8.05	ft.
Well Diameter:	2.0	in.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft

* Measurement Point:
X Well Casing
☐ Protective Casing
☐ Other:

Well Volume: 1.31215 gal.
Pump Intake Depth*: 0.0 ft. bmp.

Start Purge Time: 11:53

Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Specific Gravity
5	13.43	10.58	9.05	8.58	-38.40	0.15	6.16	260	1.002
10	13.58	10.26	9.05	8.59	-80.40	0.42	6.29	260	
15	14.72	10.31	9.14	8.59	-46.20	0.46	7.25	260	
20	14.96	10.55	9.15	8.60	-16.20	0.55	6.06	260	
25	15.2	10.68	9.16	8.59	0.70	0.76	3.81	260	
30	15.26	10.64	9.19	8.60	8.80	0.99	3.08	260	
35	15.13	10.91	9.22	8.61	15.20	1.09	3.68	150	
40	15.23	10.96	9.24	8.60	18.20	1.00	2.14	150	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:34 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0313-01 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/5/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 50's Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 58.7 ft. bmp
Depth to Water*: 16.07 ft.
Length of Water Column: 42.63 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 6.95 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1146
Initial Observations: Color: clear Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.09	12.29	7.39	76.06	-75.6	0.10	66.3	460	1.044
10	16.09	11.90	7.15	75.5	-56.1	0.06	68.4	460	
15	16.09	11.91	6.99	75.89	-43.7	0.05	40.9	460	
20	16.09	11.97	6.88	74.83	-35.6	0.05	29.8	460	
25	16.09	11.93	6.79	74.61	-29.6	0.03	15.4	460	
30	16.09	11.87	6.72	74.20	-25.4	0.03	11.5	460	
35	16.09	11.92	6.67	75.34	-22.0	0.02	7.75	460	
40	16.09	11.83	6.63	75.53	-19.3	0.02	4.49	460	
45	16.09	11.69	6.60	74.67	-17.10	0.02	2.58	460	
50	16.09	11.66	6.57	74.83	-15.50	0.00	2.52	460	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1238 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.040
Final Observations: *Color:* clear *Odor:* none *Sheen/Free Product:* none

Sample ID: SB915-0313-02 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1114
Turbidity Meter:	LaMotte	2020we	FA0 18 56
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/6/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 50's Partly cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 65.7 ft. bmp
Depth to Water*: 8.32 ft.
Length of Water Column: 57.38 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 9.35 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 832
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.3	12.47	6.22	85.08	-26.0	0.13	82.4	300	1.046
10	8.3	12.10	6.27	85.16	-36.8	0.08	102.9	300	
15	8.3	12.18	6.30	84.38	-37.9	0.06	31.2	420	
20	8.3	12.36	6.32	83.22	-37.6	0.05	17.2	420	
25	8.3	12.24	6.33	82.87	-36.8	0.04	11.3	420	
30	8.3	12.42	6.34	82.36	-35.7	0.03	8.24	420	
35	8.3	12.38	6.35	82.87	-34.5	0.03	4.99	420	
40	8.3	12.30	6.36	82.42	-33.3	0.02	5.05	420	
45	8.3	12.29	6.36	83.36	-32.2	0.02	3.15	420	
50	8.3	12.20	6.37	83.09	-31.1	0.02	1.50	420	
55	8.3	12.29	6.38	82.53	-30.30	0.02	1.75	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 925 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0314-01,02,03 (MS,MSD) **Sample Time:** 945

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011 74
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-6-16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 60

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 99.15 ft. bmp
Depth to Water*: 8.43 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:05
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.48	11.83	6.20	111.96	-21.20	0.05	6.23	500	1.066
10	8.48	11.81	6.21	111.23	-11.50	0.02	10.72	500	
15	8.48	11.85	6.18	111.36	-4.20	0.01	11.6	500	
20	8.48	11.83	6.18	111.96	-0.40	0.01	9.62	500	
25	8.49	11.69	6.19	110.63	1.60	0.00	8.89	500	
30	8.49	11.75	6.20	111.50	2.60	0.00	8.88	500	1.070
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:35 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.070
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0314-04,05 (FD) **Sample Time:** 9:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	F400111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.6.16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~50°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 24.35 ft. bmp
Depth to Water*: 7.98 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 08:28
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.80	11.40	6.43	73.10	-57.40	2.08	20.9	360	1.028
10	8.91	11.14	6.36	73.10	-61.20	0.92	37.6	420	
15	8.91	11.24	6.33	71.80	-64.40	0.08	62.7	420	
20	8.89	11.52	6.33	64.10	-70.40	0.03	61.8	420	
25	8.86	11.39	6.37	55.10	-75.80	0.00	44.8	420	
30	8.84	11.53	6.40	47.90	-83.00	0.00	28.5	420	
35	8.84	11.44	6.41	44.20	-83.60	0.00	19.2	420	
40	8.82	11.43	6.41	41.90	-84.90	0.00	15.2	420	
45	8.82	11.43	6.43	~~41.90~~ 36.96	-88.20	0.00	12.7	420	
50	8.82	11.34	6.43	35.40	-89.00	0.00	10.30	420	
55	8.82	11.24	6.43	34.10	-89.90	0.00	8.12	420	
60	8.82	11.47	6.42	33.30	-90.60	0.00	7.93	420	
65	8.82	11.52	6.42	32.20	-91.46	0.00	8.87	420	
70	8.82	11.53	6.46	31.70	-92.00	0.00	6.61	420	
75	8.80	11.58	6.38	33.40	-90.90	0.00	7.00	420	1.016
80	8.80	11.52	6.46	30.70	-92.60	0.00	6.90	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0954 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0314-06 **Sample Time:** 1005

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00908
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.6.16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: ~55°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.75 ft. bmp
Depth to Water*: 19.18 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1030

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.23	12.53	6.48	31.80	-34.60	0.08	27.2	430	1.016
10	19.23	12.26	6.47	34.20	-35.40	0.08	11.5	430	
15	19.23	12.19	6.48	33.80	-37.40	0.00	9.11	430	
20	19.23	12.26	6.47	33.50	-38.10	0.00	9.71	430	
25	19.23	12.26	6.47	33.30	-38.60	0.00	7.95	430	
30	19.23	12.28	6.45	33.20	-38.90	0.00	6.89	430	
35	19.23	12.31	6.45	33.10	-38.80	0.00	5.75	430	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1100~~ 1106 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.014

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0314-07 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: ~~5~~ 5/6/16

Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 50's cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 122.34 ft. bmp

Depth to Water*: 16.95 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1038

Initial Observations: Color: clear Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.03	12.60	6.25	131.19	4.50	0.15	10.68	~~5~~00	1.072
10	17.03	12.38	6.26	133.74	5.90	0.06	9.58	500	
15	17.03	12.34	6.27	134.57	6.00	0.05	7.54	500	
20	17.03	12.43	6.27	133.01	6.10	0.03	5.80	500	
~~25~~	17.03	12.43	6.26	134.12	7.60	0.03	4.10	500	
30	17.03	12.52	6.26	133.93	8.30	0.03	3.70	500	
35	17.03	12.75	6.26	134.17	8.90	0.03	5.43	500	1.074
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.074

Final Observations: Color: clear Odor: none Sheen/Free Product: none

Sample ID: SB915-0314-08 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-6-16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.30 ft. bmp
Depth to Water*: 17.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:36
Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.58	12.19	6.90	24.83	-51.10	0.03	25.4	500	1.014
10	17.58	11.93	6.89	25.22	-47.70	0.01	78.2	500	
15	17.58	11.92	6.86	25.18	-45.30	0.00	38.5	500	
20	17.58	11.92	6.88	24.81	-43.80	0.00	16.7	500	
25	17.58	11.92	6.87	25.25	-43.20	0.00	7.60	500	
✱ 30	17.58	11.92	6.87	25.08	-40.70	0.00	5.17	500	1.012
✱ 35	17.58	11.91	6.87	24.97	-40.60	0.00	3.46	500	
40	17.58	11.92	6.86	25.42	-40.70	0.04	3.20	500	
45	17.58	11.97	6.86	24.42	-40.70	0.01	2.36	500	
50	17.58	11.97	6.86	24.69	-40.40	0.00	1.77	500	
55	17.58	11.96	6.86	24.85	-40.10	0.00	1.38	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:31 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: clear Odor: NO Sheen/Free Product: _____

Sample ID: SB915-0314-09 **Sample Time:** 11:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ✱ tubing came off - used five readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-6-16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 61.80 ft. bmp
Depth to Water*: 18.41 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:52
Initial Observations: *Color:* Cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.41	12.80	6.53	87.07	-47.80	0.07	83.5	500	1.052
10	18.41	12.47	6.53	89.46	-47.10	0.04	53.5	500	
15	18.41	12.30	6.54	89.89	-47.30	0.02	35.8	500	
20	18.41	12.23	6.54	88.15	-47.40	0.01	22.3	500	
25	18.41	12.20	6.54	88.03	-46.70	0.00	18.0	500	1.052
30	18.41	12.17	6.54	87.76	-46.10	0.00	15.4	500	
35	18.41	12.20	6.53	88.34	-45.90	0.00	14.3	500	
40	18.41	12.24	6.54	88.24	-45.80	0.00	12.2	500	
45	18.41	12.21	6.54	88.46	-46.30	0.00	11.98	500	
50	18.41	12.20	6.54	89.13	-45.80	0.00	11.09	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:42 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.050
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* _____

Sample ID: SB915-0314-10 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-6-16
Project #: 1163.61104 | Pump/Controller ID#: / | Weather: ~60°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.82 ft. bmp
Depth to Water*: 12.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1200
Initial Observations: Color: _____ Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.42	10.94	6.55	16.10	-49.40	0.02	30.8	500	1.008
10	12.42	10.73	6.52	13.80	-54.70	0.00	11.7	500	
15	12.42	10.71	6.51	13.30	-54.70	0.00	11.62	500	
20	12.42	10.68	6.49	12.80	-55.40	0.00	9.38	500	
25	12.42	10.68	6.48	12.40	-56.70	0.00	4.13	500	
30	12.42	10.68	6.48	12.00	-56.30	0.00	3.19	500	
35	12.42	10.68	6.46	11.90	-56.90	0.00	3.55	500	
40	12.42	10.68	6.46	11.90	-57.00	0.00	2.88	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1237 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0314-~~12~~ 11 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/6/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 50's Partly Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.7 ft. bmp
Depth to Water*: 12.15 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1159
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.17	12.43	7.06	23.62	-49.7	0.04	119	500	1.010
10	12.17	12.15	7.03	23.69	-53.8	0.01	54.5	500	
15	12.17	12.06	7.04	23.6	-55.8	0.01	22.0	500	
20	12.17	12.05	7.05	23.6	-57.0	0.00	11.3	500	
25	12.17	12.01	7.06	23.83	-57.4	0.00	8.16	500	
30	12.17	12.05	7.07	23.79	-57.5	0.00	4.27	500	
35	12.17	12.00	7.07	23.72	-57.3	0.00	3.47	500	
40	12.17	12.02	7.08	23.8	-57.2	0.00	2.49	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0314-12 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01556
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.81 ft. bmp
Depth to Water*: 4.04 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 8:59

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.77	11.00	6.38	1.00	72.10	4.50	3.45	500	1.002
10	6.21	11.14	6.68	0.70	59.90	4.72	1.73	500	
15	6.41	11.23	6.48	0.80	60.30	4.50	0.59	500	
20	6.50	10.72	6.54	0.70	58.90	4.34	0.86	500	
25	6.55	10.77	6.54	1.10	49.60	3.73	0.49	500	
30	6.57	11.18	6.71	0.60	51.90	3.73	0.40	500	
35	6.58	10.53	6.63	0.60	55.40	3.82	0.45	500	
40	6.60	10.11	6.63	0.60	52.60	3.83	0.52	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:41 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0315-01 **Sample Time:** 9:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-mw-118S

Site Name: SB915 Closure / SCA | Sampling Method: ~~Peristaltic~~ Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 50's Sunny
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: 5/9/16

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 16.43 ft. bmp
Depth to Water*: 4.55 ft.
Length of Water Column: 10.88 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.77 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1017
Initial Observations: Color: clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.78	10.64	6.91	21.82	8.80	0.14	7.21	260	1.010
10	6.04	10.84	6.88	21.83	11.30	0.62	4.51	260	
15	6.3	10.45	6.88	22.42	14.60	1.12	4.19	260	
20	6.6	10.35	6.87	22.93	17.10	1.15	3.06	260	
25	6.88	10.33	6.85	23.75	16.60	0.84	2.78	260	
30	7.11	10.12	6.85	24.77	15.3	0.67	2.47	260	
35	7.43	10.24	6.83	26.24	15.5	0.49	2.93	260	
40	7.62	10.39	6.84	26.48	15.5	0.41	2.73	260	
45	7.81	10.06	6.84	35.08	9.10	0.15	3.77	260	
50	8	10.07	6.84	28.64	13.6	0.36	2.04	260	
55	8.18	9.91	6.83	27.43	16.1	0.40	1.93	260	
60	8.35	10.03	6.82	27.51	18.5	0.40	1.13	260	
65	8.45	10.16	6.80	28.17	19.1	0.38	1.32	260	
70	8.58	10.21	6.79	27.96	21.2	0.38	0.83	260	
75	8.7	10.13	6.79	28.16	21.9	0.36	1.12	260	
80	8.75	10.15	6.77	29.03	22.3	0.34	1.28	260	
85	8.9	9.92	6.78	28.45	22.1	0.32	1.06	260	
90	9.12	10.31	6.80	26.28	22.9	0.30	0.78	260	
95	9.2	10.27	6.78	26.85	22.20	0.30	1.69	260	
100	9.26	10.22	6.77	28.06	23.1	0.25	0.68	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1222 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0315-02 **Sample Time:** 1242

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-mw-1185

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 5/9/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	9.35	10.43	6.77	28.44	23.8	0.21	0.88	260	
110	9.43	10.23	6.76	29.21	22.9	0.16	0.73	260	
115	9.47	10.12	6.76	29.07	22.9	0.14	0.83	260	
120	9.51	10.20	6.76	29.59	24.0	0.11	0.78	260	

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.73 ft. bmp
Depth to Water*: 8.11 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:02
Initial Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.95	12.15	6.48	3.40	33.00	0.32	40.6	500	1.002
10	10.25	12.28	6.47	6.10	3.00	0.14	29.7	500	
15	10.40	11.78	6.51	22.80	-34.50	0.10	35.1	500	
20	10.48	12.43	6.61	27.50	-44.60	0.07	11.7	500	
25	10.52	12.01	6.68	31.50	-48.80	0.06	9.32	500	
30	10.55	11.64	6.73	33.30	-50.30	0.05	6.86	500	1.012
35	10.58	11.84	6.76	34.30	-50.60	0.05	3.73	500	
40	10.61	11.97	6.77	35.30	-49.90	0.04	5.53	500	
45	10.64	12.47	6.78	37.00	-49.80	0.03	3.34	500	
50	10.67	12.20	6.79	38.20	-48.70	0.03	3.01	500	1.016
55	10.69	12.47	6.78	39.60	-47.80	0.04	2.21	500	
60	10.71	12.01	6.78	41.40	-46.50	0.04	1.63	500	
65	10.73	11.93	6.78	43.10	-45.40	0.03	1.34	500	
70	10.77	11.87	6.77	44.00	-44.50	0.03	1.37	500	1.020
75	10.80	12.27	6.76	45.60	-43.80	0.03	1.17	500	
80	10.80	12.54	6.75	46.50	-42.80	0.02	1.03	500	
85	10.78	12.33	6.75	47.30	-41.60	0.03	1.38	500	
90	10.78	12.38	6.75	47.70	-41.40	0.04	0.92	500	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:32 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.022
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0315-03 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: ~~PP~~ LowFlow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/9/16

Project #: 1163.61104 | Pump/Controller ID#: FA02642 | Weather: 50's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 59.02 ft. bmp

Depth to Water*: 1.75 ft.

Length of Water Column: 57.27 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 9.34 gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1308

Initial Observations: Color: Clear Odor: ~~None~~ very slight sulfur Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	1.8	12.09	7.00	9.73	-19.1	0.00	43	500	1.008
10	1.8	11.93	6.94	9.73	-14.0	0.00	24.1	500	
15	1.8	11.8	6.93	9.76	-13.5	0.00	12.7	500	
20	1.8	12.11	6.92	9.74	-13.3	0.00	10.44	500	
25	1.8	12.17	6.91	9.72	-13.4	0.00	9.72	500	
30	1.8	12.16	6.90	9.74	-12.9	0.00	11.20	500	
35	1.8	12.35	6.90	9.70	-13.2	0.00	7.53	500	
40	1.8	12.28	6.89	9.68	-14.4	0.00	4.87	500	
45	1.8	12.22	6.89	9.74	-13.20	0.00	3.05	500	
50	1.8	12.49	6.89	9.70	-13.10	0.00	2.11	500	
Stabilization	± 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1401 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.006

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0315-04 **Sample Time:** 1415

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.08 ft. bmp
Depth to Water*: 4.41 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:23
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.24	11.69	6.44	1.80	42.10	0.48	10.13	500	1.002
10	6.45	11.46	6.81	1.60	39.90	1.08	13.8	500	
15	6.52	11.87	6.80	1.50	36.80	0.44	12.6	500	
20	6.52	12.02	6.85	1.30	35.20	0.35	8.22	500	
25	6.52	11.37	6.76	1.30	35.90	0.33	6.02	500	
30	6.52	11.28	6.64	1.20	39.50	0.29	4.59	500	1.000
35	6.52	12.01	6.62	1.10	40.10	0.26	4.47	500	
40	6.52	12.02	6.63	1.10	37.80	0.27	3.77	500	
45	6.52	12.06	6.63	1.00	37.60	0.32	3.64	500	
50	6.52	11.65	6.59	1.00	40.50	0.29	3.31	500	
55	6.52	11.64	6.56	0.90	40.10	0.34	3.39	500	1.000
60	6.52	12.28	6.64	0.90	36.50	0.37	3.23	500	
65	6.52	12.19	6.48	0.90	42.40	0.42	2.14	500	
70	6.52	11.76	6.51	0.90	41.90	0.43	2.19	500	
75	6.52	12.53	6.59	0.90	39.60	0.43	2.04	500	
80	6.52	12.61	6.52	0.80	42.70	0.42	2.05	500	1.000
85	6.52	12.39	6.48	0.80	42.10	0.50	1.99	500	
90	6.52	12.42	6.43	0.80	44.70	0.52	2.40	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:53 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0315-05 **Sample Time:** 14:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	5-9-16
Project #:	1163.61104	Pump/Controller ID#:	FA01719	Weather:	Sun, 50's

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 36.37 ft. bmp
Depth to Water*: 6.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 14:40

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.47	12.10	6.30	13.60	-0.80	0.05	4.08	500	1.006
10	6.47	11.92	6.38	13.60	-5.70	0.02	4.34	500	
* 15	6.47	11.64	6.44	13.80	-9.10	0.01	3.16	500	
20	6.47	12.14	6.47	13.60	-9.30	0.00	2.86	500	
25	6.47	12.06	6.48	13.70	-9.60	0.00	2.48	500	
30	6.47	12.22	6.49	13.80	-9.80	0.00	1.96	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:10 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0315-06 **Sample Time:** ~~10:20~~ 15:20

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: *IPOD did not record - used live readings.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/10/16
Project #: 1163.61104 | Pump/Controller ID#: FA052646 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 10.3 ft.
Length of Water Column: 99.15 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 16.16 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 956
Initial Observations: Color: Slightly Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.6	12.40	7.00	136.9	-40.2	0.11	121	500	1.074
10	10.6	12.3	6.69	136.7	-8.2	0.04	89	500	
15	10.6	12.4	6.57	136.9	4.4	0.02	57.0	500	
20	10.6	12.32	6.50	136.9	12.2	0.01	30.8	500	
25	10.6	12.23	6.46	137.1	16.5	0.00	14.2	500	
30	10.6	12.27	6.44	137.5	19.0	0.00	10.15	500	
35	10.6	12.16	6.42	137.3	20.8	0.00	7.33	500	
40	10.6	12.34	6.41	137.0	22.2	0.00	10.48	500	
45	10.6	12.27	6.40	137.0	23.3	0.00	5.91	500	
50	10.6	12.31	6.38	137.0	24.3	0.00	7.4	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.076
Final Observations: Color: Clear Odor: None *Sheen/Free Product:* None

Sample ID: SB915-0316-01 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA008088
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.27 ft. bmp
Depth to Water*: 10.02 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 8:51
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.83	9.62	6.85	1.40	48.70	3.70	0.45	380	1.000
10	11.08	9.53	6.63	1.40	39.10	1.81	0.56	290	
15	11.39	9.71	6.59	1.50	32.60	1.09	0.34	230	
20	11.59	10.20	6.66	1.50	28.00	0.71	0.30	230	
25	11.73	10.41	6.60	1.50	28.90	0.57	0.33	210	
30	11.93	10.59	6.59	1.50	27.70	0.44	0.34	210	1.000
35	12.10	10.53	6.50	1.50	31.40	0.36	0.68	210	
40	12.25	10.77	6.53	1.50	27.80	0.28	0.29	210	
45	12.40	10.91	6.55	1.50	25.50	0.22	0.76	210	
50	12.55	10.84	6.50	1.50	27.20	0.17	0.20	210	
55	12.70	10.81	6.54	1.50	23.30	0.16	0.12	210	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:46 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0316-02 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/10/16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 7.6 ft.
Length of Water Column: 49.61 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 8.08 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:45
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~15~~ 7.62	12.14	6.83	11.4	12.6	0.00	15.3	500	1.008
10	7.62	11.98	6.68	11.4	13.6	0.00	22.4	500	
15	7.62	11.99	6.64	11.3	14.3	0.00	19.7	500	
20	7.62	11.94	6.62	11.3	15.5	0.00	17.1	500	
25	7.62	12.02	6.6	11.3	15.9	0.00	14.3	500	
30	7.62	11.89	6.58	11.2	16.6	0.00	10.5	500	
35	7.62	11.99	6.57	11.2	17.1	0.00	6.42	500	
40	7.62	11.98	6.56	11.2	17.7	0.00	5.27	500	
45	7.62	11.98	6.56	11.2	17.7	0.00	5.43	500	
50	7.62	11.96	6.56	11.10	18.00	0.00	5.2	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:40 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0316-03 **Sample Time:** 12:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.13 ft. bmp
Depth to Water*: 7.13 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:17
Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.14	12.24	6.80	10.20	25.90	1.85	123	200	1.004
10	8.68	11.96	6.89	10.50	20.50	1.21	101.1	230	
15	9.05	12.07	6.94	10.80	20.00	1.32	104.0	230	
20	9.35	12.19	6.98	11.10	19.80	1.39	100.2	230	
25	9.58	12.34	7.01	11.40	19.00	1.41	88.5	230	
30	9.74	12.38	7.02	11.40	20.00	1.30	77.4	230	1.004
35	9.90	12.42	7.02	11.40	19.90	1.20	88.7	230	
40	9.93	12.72	7.06	11.30	17.00	1.06	91.8	230	
45	9.94	12.95	7.05	11.00	15.80	0.89	90.6	230	
50	9.97	12.93	7.07	10.80	13.40	0.79	132	230	
55	10.00	12.93	7.07	10.90	12.30	0.78	112	230	1.004
60	10.04	13.04	7.08	10.70	11.90	0.75	117	230	
65	10.08	13.02	7.08	10.10	9.00	0.60	1145 AV	230	
70	10.11	13.16	7.08	9.80	5.30	0.46	2410 AV	230	
75	10.15	13.30	7.10	9.60	-0.10	0.37	2985 AV	230	
80	10.20	13.51	7.13	9.50	-6.10	0.33	2817 AV	230	1.004
85	10.23	13.53	7.14	9.40	-10.60	0.27	1803 AV	230	
90	10.26	13.57	7.13	9.30	-12.20	0.26	1406 AV	230	
95	10.27	13.53	7.11	9.30	-13.40	0.23	1356 AV	230	
100	10.23	13.43	7.10	9.20	-14.80	0.21	1025 AV	230	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:43 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0316-04 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: well was redeveloped between last quarter and today.

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: CAH | Date: 5-10-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	10.25	13.57	7.14	9.20	-18.40	0.20	1081 AV	200	
110	10.25	13.39	7.11	9.10	-17.90	0.17	985 AV	200	1.004
115	10.25	13.59	7.17	9.10	-22.60	0.16	678 AV	200	
120	10.27	13.57	7.15	9.00	-22.50	0.15	742 AV	200	
125	10.30	13.70	7.15	9.00	-22.70	0.14	130 NTU	200	
130	10.33	13.34	7.12	8.90	-22.60	0.13	117	200	
★ 135	10.34	13.43	7.17	8.90	-27.10	0.12	93	200	1.004
140	10.35	13.39	7.15	8.90	-25.60	0.11	86.5	200	
145	10.35	13.81	7.19	8.90	-28.80	0.11	91.5	200	1.004
~~150~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes: ★ IPod did not record - used hour readings.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 60's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.98 ft. bmp
Depth to Water*: 8.42 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:10
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.70	12.07	7.05	30.80	-10.60	0.06	3.54	500	1.014
10	8.80	11.95	7.00	31.20	-12.50	0.03	53.1	500	
15	8.82	12.01	6.87	40.30	-11.70	0.02	635	500	
20	8.88	12.03	6.92	55.40	-16.60	0.02	36.6	500	
25	8.90	12.01	6.97	59.80	-24.40	0.01	16.2	500	
30	8.89	12.05	7.00	61.20	-24.80	0.01	10.10	500	1.026
35	8.89	12.08	7.01	62.10	-23.30	0.00	5.71	500	
40	8.89	12.06	7.02	62.40	-21.90	0.00	4.94	500	
45	8.89	12.10	7.02	63.40	-21.10	0.00	4.41	500	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:55 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.028
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0316-05,06,07 (MS, MSD) **Sample Time:** 14:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01556
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 5/10/16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 3.54 ft.
Length of Water Column: 18.93 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.09 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1358
Initial Observations: Color: Clear / slight orange tint Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.3	12.21	6.60	63.3	49.8	0.00	90.5	500	1.036
10	7.45	11.37	6.47	63.9	48.8	0.00	82.9	400	
15	9.06	11.45	6.44	63.8	49.2	0.00	54.3	400	
20	9.45	11.26	6.42	64.2	50.50	0.04	34.8	400	
25	9.84	11.68	6.40	64.2	52.0	0.06	24.1	400	
30	10	11.20	6.39	65.2	53.5	0.09	20.1	400	
35	10.15	11.15	6.39	65.3	54.3	0.08	15.5	400	
40	10.3	11.08	6.38	65.8	53.8	0.06	13.9	400	
45	10.39	11.21	6.37	66.5	53.1	0.04	10.58	400	
50	10.42	11.34	6.36	67.3	53.3	0.02	8.11	400	
55	10.46	11.38	6.34	68.1	54.2	0.00	7.99	400	
60	10.51	11.52	6.34	86.5	55.4	0.00	8.2	400	1.036
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1501 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0316-08, 09 (FD) **Sample Time:** 1520

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.02 ft. bmp
Depth to Water*: ~~3.67~~ 4.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☒ Other: Ground

Start Purge Time: 14:23
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.22	11.57	6.84	36.80	-24.00	0.03	3.41	300	1.016
10	7.51	11.14	6.73	35.50	-31.00	0.00	5.08	300	
15	8.62	10.81	6.77	34.80	-39.00	0.00	5.56	300	
20	9.33	10.81	6.79	34.80	-40.10	0.00	5.61	300	
25	9.98	10.77	6.78	34.70	-38.50	0.00	5.99	300	
30	10.48	10.77	6.77	34.80	-37.70	0.00	3.82	300	
35	10.91	10.76	6.76	34.50	-37.30	0.00	4.22	300	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:58 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.016
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0316-10 **Sample Time:** ~~13:10~~ 15:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1105

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.10 ft. bmp
Depth to Water*: 3.60 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 9:15

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.48	9.22	6.96	4.70	-72.60	0.02	7.28	500	1.002
10	4.68	9.00	6.90	5.00	-69.70	0.00	4.17	500	
15	4.70	8.99	6.90	5.20	-68.20	0.00	2.41	500	
20	4.71	8.98	6.89	5.30	-66.80	0.00	2.00	500	
25	4.74	8.93	6.89	5.30	-65.40	0.00	1.82	500	
30	7.79	8.92	6.88	5.40	-64.10	0.00	2.00	500	1.000
	4.79ft - CAH 4/24/17.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:45 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0317-01 **Sample Time:** 9:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/11/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 96.5 ft. bmp
Depth to Water*: 21.26 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1020
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	5	23.5	11.97	6.48	3.00	35.4	0.12	44.9	340	1.006
	10	23.5	11.92	6.35	3.00	21.9	0.06	28.0	340	
	15	23.6	12.06	6.41	3.10	12.4	0.04	14.6	340	
	20	23.6	12.16	6.48	3.10	5.50	0.03	12.2	340	
	25	23.63	13.23	6.53	3.10	1.70	0.03	8.08	340	
	30	23.63	12.33	6.55	3.00	-0.60	0.02	5.55	340	
*	35	24.09	11.75	6.55	3.10	0.50	0.01	8.98	340	
	40	24.15	12.16	6.57	3.00	0.50	0.01	10.73	340	
	45	24.15	12.11	6.60	3.00	-2.10	0.00	8.42	340	
	50	24.15	12.31	6.61	3.00	-1.90	0.00	6.97	340	
	55	24.1	12.51	6.63	3.00	-3.8	0.00	5.77	340	
	60	23.9	12.66	6.58	3.10	-1.60	0.00	4.68	340	
*	65	23.1	15.08	6.67	3.10	-7.00	0.97	3.19	340	
	70	23.4	12.38	6.51	3.00	2.60	0.00	2.77	340	
	75	24.1	12.37	6.52	3.00	1.90	0.00	2.86	340	
	80	24.0	12.76	6.54	3.10	0.10	0.00	3.79	340	
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1142 Total volume of groundwater purged: 7 gallon(s). Specific Gravity: 1.002
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0317-02 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: * Flex tubing Issue Repositioned Flex tubing and reset Flow Rate

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/11/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 64 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 28.8 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1227
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.85	12.11	6.78	.90	-20.2	0.07	12.1	500	1.000
10	28.9	12.20	6.79	1.00	-31.9	0.04	12.8	500	
15	28.9	11.46	6.82	1.00	-36.1	0.01	15.7	500	
~~20~~	~~28.9~~	~~11.37~~	~~6.84~~	~~1.00~~	~~-36.0~~	~~0.01~~	~~-~~	~~500~~	
20	28.9	11.37	6.86	1.10	-39.1	0.00	13.2	500	
25	28.9	11.34	6.83	1.10	-38.2	0.00	11.74	500	
30	28.9	11.28	6.87	1.10	-39.0	0.00	9.17	500	
35	28.9	11.42	6.86	1.10	-38.8	0.00	7.79	500	
40	28.9	11.47	6.81	1.10	-36.3	0.00	5.46	500	
45	28.9	11.46	6.85	1.10	-39.4	0.00	4.96	500	
50	28.9	11.49	6.85	1.10	-38.4	0.00	3.72	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1321 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0317-03 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1095

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.48 ft. bmp
Depth to Water*: 2.95 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:19
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.09	10.68	9.11	35.50	-108.10	0.00	10.89	500	1.012
10	3.10	10.56	9.42	36.70	-102.50	0.00	11.69	500	
15	3.10	10.54	9.63	37.30	-99.60	0.00	6.71	500	
20	3.10	10.51	9.77	37.50	-97.70	0.00	4.67	500	
25	3.10	10.55	9.86	37.60	-96.70	0.00	2.53	500	
30	3.10	10.54	9.94	37.50	-96.20	0.00	2.31	500	1.014
35	3.10	10.55	10.01	37.50	-95.40	0.00	2.18	500	
40	3.10	10.64	10.07	37.40	-95.00	0.00	1.32	500	
45	3.10	10.68	10.11	37.30	-94.10	0.00	1.37	500	
50	3.10	10.68	10.15	37.20	-93.10	0.00	0.52	500	
55	3.10	10.68	10.17	37.20	-92.30	0.00	0.67	500	
60	3.10	10.68	10.19	37.20	-91.80	0.00	0.55	500	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:19 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0317-04 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.32 ft. bmp
Depth to Water*: 16.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:47
Initial Observations: Color: light white Odor: waste Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.80	12.51	9.15	48.80	-161.90	0.00	41.0	500	1.020
10	21.62	12.43	8.82	48.90	-172.60	0.00	60.2	500	
☆ 15	22.15	12.58	8.52	44.60	-164.70	0.00	46.4	500	
20	22.64	12.50	8.34	42.00	-158.00	0.00	23.0	500	
25	22.80	12.64	8.13	39.10	-150.50	0.00	16.3	500	
30	22.95	12.44	7.94	37.40	-147.30	0.00	13.9	500	1.016
35	23.15	12.39	7.77	36.00	-143.70	0.00	10.64	500	
40	23.30	12.58	7.61	35.00	-141.10	0.00	10.04	500	
- 45	-	12.58	7.49	33.40	-137.80	0.00	-	~~500~~	
- 50	-	-	7.37	33.90	-129.70	-	-	~~500~~	
- 55	-	-	7.29	33.10	-115.80	-	-	~~500~~	
60	19.80	13.63	7.15	32.90	-125.10	0.00	11.01	210	1.014
65	19.80	13.67	7.09	32.80	-129.50	0.00	6.88	210	
- 70	19.60	15.01	7.03	32.40	-117.60	1.32	4.90	210	
75	19.48	14.03	6.98	33.30	-131.40	0.10	7.90	210	
80	19.48	13.94	6.96	33.00	-134.00	0.00	8.10	210	
85	19.48	14.01	6.95	33.40	-135.90	0.00	7.92	210	
90	19.48	14.06	6.94	33.00	-137.00	0.00	7.28	210	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:17 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0317-05 **Sample Time:** 13:40

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ☆ Tubing fell off - used live recordings
- Issues with tubing, replaced w/ Flex tubing, can not flow faster than 210ml/min.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Reri | Date: 5/11/16
Project #: 1163.61104 | Pump/Controller ID#: FA0 1719 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 27.15 ft. bmp
Depth to Water*: 22.62 ft.
Length of Water Column: 4.53 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: .738 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1349
Initial Observations: Color: Light Brown Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~@~~0	24.3	~~22.~~ 14.3	6.86	0.82	54.8	3.46	49.3	~~500~~	
5	25	10.61	6.60	0.86	43.2	2.47	46.8		1.002
10	27.1	10.69	6.56	0.91	38.2	4.42	2459.		
1405 15	26.68	12.73	6.65	0.89	31.5	3.85	73.5	170	
20	26.48	12.38	6.60	0.89	31.2	3.71	21.8	170	
25	26.45	12.01	6.56	0.84	32.3	3.53	13.8	170	
30	26.44	12.29	6.60	0.89	28.8	3.75	10.83	170	
35	26.40	12.63	6.55	0.89	31.8	3.80	5.23	170	
40	2.38	12.29	6.65	0.89	27.3	3.89	3.66	170	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1430 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0317-06 **Sample Time:** 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-4D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/12/16
Project #: 1163.61104 | Pump/Controller ID#: FA0 1714 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 5.7 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1304
Initial Observations: Color: Clear Odor: Sulfur Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.95	16.0	7.06	59.6	-25.3	0.12	9.01	200	1.032
10	8.95	15.78	6.87	60.7	-29.8	0.07	10.74	200	
15	9.45	15.74	6.80	60.1	-32.5	0.04	11.97	200	
20	10.15	16.14	6.75	60.60	-34.5	0.03	14.57	200	
25	10.5	16.83	6.72	58.9	-33.3	0.03	18.7	200	
30	10.57	16.16	6.68	58.9	-33.6	0.02	19.1	200	
35	11.1	15.94	6.67	60.1	-33.2	0.01	19.9	200	
40	11.45	15.79	6.67	60.0	-33.3	0.01	20.4	200	
45	11.8	15.73	6.66	60.2	-32.9	0.01	21.5	200	
50	11.8	16.29	6.67	59.0	-33.2	0.00	22.8	200	
55	12.3	15.54	6.66	60.00	-31.6	0.00	22.1	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1403 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: Slightly Cloudy Odor: None Sheen/Free Product: None

Sample ID: SB915-0318-02 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00807
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: ~~SB915~~ WB18 - MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/12/16

Project #: 1163.61104 | Pump/Controller ID#: FA01714 | Weather: 60's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 120.69 ft. bmp

Depth to Water*: 9.15 ft.

Length of Water Column: 111.54 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 18.18 gal.

Pump Intake Depth*: _____ ft. bmp

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1119

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.0	14.07	6.54	198.9	-5.0	0.13	71.2	500	1.074
10	9.0	13.93	6.80	200.5	-34.5	0.08	52	500	
15	9.0	13.94	6.92	198.0	-38.9	0.07	49.9	500	
20	9.0	13.94	6.98	195.7	-37.2	0.06	42	500	
25	9.00	13.89	7.01	194.4	-34.9	0.05	29.8	500	
30	9.00	13.92	7.03	195.6	-32.9	0.05	16.1	500	
35	9.00	14.11	7.03	194.5	-30.8	0.04	15.8	500	
40	9.00	14.07	7.04	195.1	-28.8	0.04	13.0	500	
45	9.00	14.21	7.04	194.5	-27.3	0.04	12.00	500	
50	9.00	14.21	7.04	194.6	-25.8	0.03	11.1	500	
55	9.00	14.09	7.04	195.3	-24.8	0.04	10.59	500	
60	9.00	14.22	7.05	194.3	-24.3	0.04	9.03	500	
65	9.00	14.50	7.05	193.4	-24.1	0.04	8.52	500	
70	9.00	14.66	7.04	194.6	-24.0	0.04	8.79	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1237 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.116

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0318-01 **Sample Time:** 12.45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-13-16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Rain, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 50.32 ft. bmp
Depth to Water*: 24.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:12
Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.08	12.32	9.20	25.60	-215.00	0.00	83.4	320	1.012
10	27.58	12.26	9.54	26.00	-213.40	0.00	5.84	320	
15	28.20	12.71	9.78	26.00	-215.80	0.00	2.71	220	
20	28.60	12.81	9.92	25.90	-215.60	0.00	1.88	220	
25	28.95	12.82	10.02	25.80	-214.00	0.00	1.67	220	
30	29.20	12.95	10.11	25.40	-213.80	0.00	1.16	220	1.010
35	29.45	12.99	10.17	24.80	-212.70	0.00	1.60	180	
40	29.70	13.16	10.24	24.40	-213.40	0.00	1.97	180	
45	29.87	13.27	10.27	24.40	-210.10	0.00	1.89	180	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:57 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0319-01 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: BOD Sample

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Reg | Date: 5/13/16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 60s Rain

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 27.25 ft.
Length of Water Column: 47.98 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 7.82 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:07
Initial Observations: Color: clear/slightly cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.2	10.87	7.51	1.20	13.6	0.09	111	460	1.004
10	27.2	10.62	7.51	1.20	7.20	0.6	107.9	460	
15	27.2	10.66	7.56	1.20	5.50	0.05	76.1	460	
20	27.2	10.68	7.60	1.2	4.80	0.05	46.2	460	
25	27.2	10.76	7.60	1.2	6.60	0.06	34.4	460	
30	27.2	10.72	7.59	1.2	7.8	0.08	22.1	460	
35	27.2	10.67	7.61	1.20	8.2	0.10	17.2	460	
40	27.2	10.71	7.60	1.20	10.2	0.11	13.7	460	
45	27.2	10.81	7.61	1.20	9.8	0.14	9.71	460	
50	27.2	10.9	7.62	1.20	9.9	0.15	6.89	460	
55	27.2	10.94	7.69	1.20	8.00	0.16	6.42	460	
60	27.2	10.90	7.59	1.20	11.70	0.18	6.45	460	
65	27.2	10.91	7.59	1.20	11.9	0.20	3.49	460	
70	27.2	11.09	7.62	1.20	11.7	0.22	3.02	460	
75	27.2	10.95	7.60	1.20	13.0	0.22	2.54	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1023 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.007
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0319-02 **Sample Time:** 1035

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA0 08 68
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peri	Date:	5-13-16
Project #:	1163.61104	Pump/Controller ID#:	FA01719	Weather:	Rain, 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.80 ft. bmp
Depth to Water*: 21.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:48

Initial Observations: *Color:* clear *Odor:* waste *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.90	11.60	10.15	7.50	-106.00	0.00	1.39	500	1.002
10	21.96	11.47	10.20	7.30	-97.90	0.00	1.06	500	
15	22.00	11.38	10.26	7.00	-93.00	0.00	2.16	500	
20	22.03	11.47	10.27	6.80	-93.90	0.00	2.74	500	
25	22.02	11.42	10.25	6.60	-92.30	0.00	1.52	500	
30	22.00	11.37	10.25	6.60	-92.60	0.00	1.63	500	
35	22.00	11.38	10.24	6.50	-93.00	0.00	2.06	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:18 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* clear *Odor:* waste *Sheen/Free Product:* NO

Sample ID: SB915-0319-03 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01456
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/13/16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 60's partly cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 6.4 ft.
Length of Water Column: 19.2 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.13 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1113
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.11	12.35	6.46	119.2	23.9	0.19	5.49	200	1.064
10	9.15	12.08	6.50	119.9	17.2	0.08	5.15	200	
15	10.05	12.17	6.50	119.6	14.1	0.05	3.49	200	
20	10.55	12.37	6.50	118.4	11.9	0.03	3.75	200	
25	11.15	12.38	6.50	119.0	10.5	0.03	3.74	200	
30	11.71	12.38	6.5	119.0	~~10.5~~ 9.60	0.03	4.2	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.068
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0319-04 **Sample Time:** 1205

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	
Other:			FA08808

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-032L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP, ASF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/12/16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: 50's overcast

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 28.09 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:10
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.3	10.58	6.55	42.5	-22.7	0.10	44.0	230	1.030
10	28.25	10.54	6.51	53.0	-27.1	0.07	37.8	320	
15	28.25	10.62	6.54	53.0	-29.0	0.14	18.2	320	
20	28.2	10.72	6.52	56.2	-27.1	0.11	~~180~~ 11.4	180	
25	28.21	10.72	6.54	53.4	-26.9	0.07	10.84	160	
30	28.2	10.91	6.54	53.2	-26.9	0.06	8.30	160	
35	28.2	10.81	6.54	53.1	-26.4	0.05	6.83	160	
40	28.2	10.92	6.55	52.6	-26.0	0.05	6.24	160	
45	28.18	11.42	6.55	52.6	-26.5	0.05	5.58	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:58 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0320-01 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: If flow drops, examine flexi-tubing

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JBP, AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/17/16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 50-60°F

Well Information:
Installed Depth of Well*: ~~108.77~~ AF ft. bmp
Measured Depth of Well*: ~~108.77~~ AF ft. bmp 72.40
Depth to Water*: 24.58 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1224
Initial Observations: Color: V. Light Gray Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.65	12.58	6.32	1.50	23.9	0.48	40.4	180	1.002
10	24.64	12.55	6.26	1.50	15.8	0.59	57.2	190	
15	24.64	12.60	6.42	1.50	6.3	0.90	35.4	190	
20	24.64	12.47	6.31	1.50	8.70	0.61	16.7	190	
25	24.64	12.61	6.40	1.50	3.9	0.58	15.8	190	
30	24.64	12.31	6.54	1.50	-1.8	0.74	7.07	160	
35	24.64	12.19	6.29	1.50	-7.60	0.05	6.32	220	
40	24.64	12.48	6.62	1.50	-6.10	0.32	5.80	140	
* 45	—	13.70	6.68	0.00	~~-4.10~~	1.94	—	—	
50	24.67	15.42	6.68	0.00	2.80	6.37	—	160	
~~55~~	24.65	12.50	6.20	1.50	18.40	0.65	10.74	160	
60	24.63	12.61	6.33	1.50	6.40	0.79	6.66	120	
** 65	—	13.79	6.76	0.00	-2.60	3.28	—	—	
70	24.75	11.60	6.30	1.50	17.60	0.19	8.59	400	
75	24.70	11.46	6.23	1.50	13.20	0.05	12.6	300	
80	24.75	11.55	6.38	1.50	6.30	0.05	10.17	250	
85	24.73	11.18	6.30	1.50	9.90	0.01	6.68	360	
90	24.72	11.31	6.47	1.50	0.60	0.04	8.58	300	
95	24.70	11.37	6.47	1.50	2.90	0.04	2.49	~300	
100	24.70	11.49	6.52	1.50	-0.90	0.12	1.48	~300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1406 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0320-02 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: * Adjusting/replacin
* More turbidity issues

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-0 71

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/19/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 10.21 ft.
Length of Water Column: 69.43 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 11.32 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 941
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.34	12.33	6.52	85.6	-7.3	0.00	~~500~~ 4.39	500	1.050
10	10.34	12.30	6.49	85.2	3.3	0.00	1.70	500	
15	10.34	12.21	6.49	85.4	7.30	0.00	1.27	500	
20	10.34	12.21	6.49	85.4	10.2	0.00	0.87	500	
25	10.34	12.16	6.47	85.5	12.4	0.00	1.05	500	
30	10.34	12.26	6.46	85.2	13.8	0.00	1.36	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:15 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: None *Sheen/Free Product:* None

Sample ID: SB915-0321-01 **Sample Time:** 1035

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/19/16
Project #: 1163.61104 | Pump/Controller ID#: FA026466 | Weather: Sun, 60-70F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 9.10 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0944
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.13	12.83	6.46	21.40	-2.20	0.04	3.62	500	1.014
10	9.13	12.84	6.46	21.30	-0.10	0.03	8.08	500	
15	9.13	12.74	6.46	21.40	1.50	0.02	11.1	500	
20	9.14	12.84	6.47	21.30	2.40	0.02	20.4	500	
25	9.14	12.83	6.47	21.20	3.20	0.01	18.7	500	
30	9.14	13.01	6.47	21.50	3.70	0.01	15.9	500	
35	9.14	13.06	6.47	21.40	4.70	0.00	13.3	500	
40	9.14	13.11	6.47	21.30	5.50	0.00	11.65	500	
45	9.14	13.16	6.47	21.40	5.60	0.00	11.70	500	
50	9.14	13.25	6.47	21.30	6.20	0.00	6.78	500	
55	9.14	13.20	6.48	21.20	6.70	0.00	3.62	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1042 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0321-02 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-015

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJT
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/19/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 60-70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 7.05 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1159
Initial Observations: Color: Clear, trc. particulate Odor: V. Slight Metallic Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.30	12.38	6.40	27.60	8.60	0.47	15.1	240	1.014
10	8.58	12.52	6.43	26.60	1.10	0.27	9.34	240	
15	8.70	12.54	6.44	26.00	3.20	0.19	7.75	240	
20	8.92	12.23	6.44	25.50	5.40	0.22	4.95	230	
25	9.14	12.33	6.44	25.30	7.70	0.25	3.45	240	
30	9.30	12.43	6.43	25.10	9.30	0.24	2.97	220	
35	9.45	12.56	6.43	25.00	9.30	0.22	3.21	200	
40	9.60	12.43	6.44	24.30	7.80	0.18	2.01	260	
45	9.81	12.24	6.44	23.90	4.70	0.13	1.36	240	
50	10.08	12.35	6.45	23.20	0.30	0.09	1.30	240	
55	10.08	12.30	6.43	23.60	0.50	0.07	1.12	240	
60	10.36	12.33	6.43	23.40	2.30	0.05	0.91	250	
65	10.65	12.38	6.45	22.70	3.70	0.03	0.81	250	
70	10.75	12.01	6.46	22.20	3.20	0.01	0.68	240	
* 75	10.98	11.73	6.49	20.50	-1.00	0.00	0.66	~300	
80	11.09	12.10	6.47	21.60	-1.40	0.00	0.60	260	
85	11.27	11.89	6.47	21.50	-3.10	0.00	0.65	260	
90	11.38	11.88	6.47	21.70	-2.80	0.00	0.73	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1331 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0321-03 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: *Switched battery

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/19/16
Project #: 1163.61104 | Pump/Controller ID#: FA0 1719 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.45 ft.
Length of Water Column: 11.9 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.94 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1209
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.15	12.79	9.49	14.8	-179.7	0.00	17.2	500	1.006
10	4.2	12.11	9.41	15.10	-174.6	0.00	5.32	500	
15	4.2	11.58	9.53	15.4	-171.6	0.00	2.82	500	
20	4.2	11.84	9.62	15.5	-172.0	0.00	1.57	500	
25	4.2	11.75	9.68	15.6	-171.2	0.00	.96	500	
30	4.2	11.74	9.76	15.7	-171.8	0.00	.67	500	
35	4.2	11.89	9.80	15.8	-172.6	0.00	.67	500	
40	4.2	11.68	9.86	16.00	-173.3	0.00	.47	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1251 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0321-04, 05, 06 (MS/MSD) **Sample Time:** 1320

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1325
Turbidity Meter:	LaMotte	2020we	FA0 1856
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-035

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JAB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.19.16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: ~60°F Sun

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 26.12 ft. bmp
Depth to Water*: 7.05 ft.
Length of Water Column: 19.07 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1140
Initial Observations: Color: Clear (turns Black) Odor: Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.61	13.78	6.79	55.47	-57.70	0.11	16.6	340	1.024
10	9.32	13.48	6.83	45.79	-71.80	0.06	11.1	280	
15	9.95	13.15	6.84	45.15	-74.70	0.04	12.8	280	
20	10.43	13.11	6.83	44.62	-74.70	0.03	15.4	280	
25	11.05	13.27	6.83	44.77	-73.50	0.02	15.0	280	
30	11.40	13.12	6.82	45.66	-72.10	0.02	15.3	280	
35	11.68	13.31	6.81	46.45	-70.60	0.02	15.9	280	
40	11.92	13.30	6.79	47.27	-69.20	0.02	17.3	280	
45	12.15	12.77	6.78	48.45	-68.00	0.03	16.1	280	
50	12.42	13.15	6.78	49.14	-67.40	0.02	13.2	280	
55	12.62	13.25	6.77	49.76	-66.90	0.02	11.55	280	
60	12.75	13.04	6.76	50.77	-66.70	0.02	9.49	280	
65	12.98	13.30	6.75	51.08	-66.80	0.02	8.46	280	
70	13.20	12.70	6.75	51.99	-66.10	0.02	6.93	280	
75	13.45	13.28	6.75	52.17	-66.10	0.02	5.45	280	
80	13.62	13.28	6.75	52.54	-65.80	0.02	4.58	280	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.026
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0321-07, 08(FD) **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: BOD Sample - Collect FD

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.20.16

Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: ~62°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.16 ft. bmp

Depth to Water*: 3.74 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1014

Initial Observations: Color: V. light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~3.69~~	12.24	6.63	36.50	7.40	0.19	29.4	340	1.018
10	7.95	12.05	6.68	34.20	6.90	0.09	9.65	340	
15	9.30	12.38	6.74	32.40	5.90	0.10	9.41	340	
20	9.83	12.38	6.76	33.60	4.50	0.16	8.11	340	
25	10.12	12.14	6.75	34.90	4.70	0.21	9.31	340	
30	10.45	12.52	6.74	36.10	4.70	0.24	11.50	340	
35	10.72	12.67	6.74	37.00	4.60	0.25	15.30	340	
40	10.92	12.66	6.72	37.60	~~4~~5.40	0.25	18.00	340	
45	10.90	12.66	6.71	38.20	6.00	0.23	21.00	340	
50	11.08	12.75	6.71	38.70	6.00	0.21	28.2	340	
55	11.12	12.64	6.69	39.70	7.30	0.20	32.7	340	
60	11.17	12.85	6.69	39.90	6.90	0.17	43.6	340	
65	11.21	12.79	6.68	41.00	7.70	0.13	56.2	340	
70	11.25	12.79	6.67	41.30	8.10	0.10	59.0	340	
75	11.30	12.33	6.67	41.90	8.10	0.07	68.5	340	
80	11.34	12.36	6.67	42.10	8.50	0.06	66.8	340	
85	11.34	12.93	6.66	42.50	9.20	0.05	83.3	340	
90	11.34	12.35	6.66	42.70	9.40	0.05	68.1	340	
95	11.35	12.39	6.65	42.80	10.30	0.04	78.4	340	
100	11.35	12.38	6.65	42.80	10.30	0.03	70.3	340	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1156 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.022

Final Observations: Color: V. light Brn Odor: No Sheen/Free Product: No

Sample ID: SB915-0322-01 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/20/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: ft. bmp
Depth to Water*: 8.55 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1042
Initial Observations: Color: grayish clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.2	10.92	7.08	5.17	-99.4	0.02	4.59	500	1.004
10	9.72	10.68	6.70	4.92	-78.7	0.04	4.96	500	
15	10.10	10.72	6.75	5.04	-89.6	0.03	6.16	500	
20	10.22	10.53	6.85	5.04	-92.6	0.03	5.67	500	
25	10.31	10.53	6.94	4.89	-91.7	0.04	4.39	500	
30	10.4	10.44	7.00	4.80	-89.7	0.05	3.19	500	
35	10.45	10.43	7.05	4.67	-88.4	0.05	3.35	500	
40	10.5	10.39	7.08	4.56	-88.3	0.06	3.66	500	
45	10.6	10.43	7.10	4.48	-86.9	0.05	4.56	500	
50	10.65	10.39	7.11	4.43	-84.5	0.05	4.16	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:33 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:*
Final Observations: Color: clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0322-02 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/20/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 60-70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 3.63 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1017
Initial Observations: Color: Clear Odor: Fishy Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.20	12.31	8.75	20.90	-272.10	0.00	3.57	450	1.010
10	4.23	12.32	8.91	20.90	-272.80	0.00	1.92	450	
15	4.24	12.45	9.05	20.70	-274.20	0.00	2.65	450	
20	4.28	12.41	9.17	20.70	-274.70	0.00	1.21	460	
25	4.28	12.42	9.27	20.70	-274.30	0.00	1.17	480	
30	4.29	12.49	9.34	20.60	-274.80	0.00	1.02	450	
35	4.27	12.49	9.40	20.60	-275.30	0.00	0.69	460	
40	4.28	12.51	9.45	20.60	-276.60	0.00	0.78	460	
45	4.29	12.49	9.50	20.60	-275.70	0.00	0.72	450	
50	4.30	12.49	9.55	20.60	-276.60	0.00	1.15	450	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1112 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: S. Fishy Sheen/Free Product: No

Sample ID: SB915-~~DUP~~02-03 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-20-16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: ~70°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 73.80 ft. bmp
Depth to Water*: 8.10 ft.
Length of Water Column: 65.70 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1234
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.14	12.88	6.69	90.60	14.50	0.06	67	500	1.050
10	8.14	12.68	6.71	91.70	7.00	0.04	93.3	500	
15	8.14	12.60	6.70	91.50	4.30	0.02	59.9	500	
20	8.14	12.57	6.70	92.00	3.30	0.02	31.2	500	
25	8.14	12.63	6.69	91.50	2.90	0.02	20.4	500	
30	8.14	12.66	6.68	91.80	2.90	0.02	14.2	500	
35	8.14	12.62	6.67	91.80	3.00	0.01	11.2	500	
40	8.14	12.66	6.66	91.80	3.00	0.02	10.06	500	
45	8.14	12.65	6.66	91.30	3.30	0.01	9.77	500	
50	8.14	12.75	6.65	92.10	3.50	0.01	9.55	500	
55	8.14	12.75	6.64	91.50	3.70	0.01	7.24	500	
60	8.14	12.72	6.63	91.90	4.00	0.01	7.41	500	
65	8.14	12.70	6.63	92.00	4.20	0.01	5.96	500	
70	8.14	12.68	6.62	91.90	4.40	0.01	5.61	500	
75	8.14	12.70	6.62	91.90	4.50	0.01	5.31	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1350 Total volume of groundwater purged: 13.5 gallon(s). *Specific Gravity:* 1.050
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0322-04 **Sample Time:** 1405

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/20/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 74.2 ft. bmp
Depth to Water*: 6.41 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1315
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.4	15.21	6.11	79.79	17.3	0.08	59	500	1.042
10	6.4	12.64	6.09	80.92	20.7	0.05	24.6	500	
15	6.4	12.66	6.09	81.19	22.9	0.04	16.8	500	
20	6.4	12.66	6.09	80.79	24.4	0.03	14	500	
25	6.4	12.80	6.09	81.09	25.1	0.02	13.4	500	
30	6.4	12.62	6.10	81.32	25.4	0.02	11.52	500	
35	6.4	12.65	6.10	82.36	25.8	0.01	11.60	500	
40	6.4	12.83	6.10	82.33	25.8	0.01	11.62	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1356 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.044
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0322-GS **Sample Time:** 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AOF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/20/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 60-70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 10.59 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1317

Initial Observations: Color: Clear w/ Sus. Solids Odor: Slight, Fishy Sheen/Free Product: No

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.18	12.76	9.34	22.70	-519.90	0.00	45.1	470	1.008
10	15.73	12.76	9.35	23.60	-503.10	0.00	53.8	450	
15	15.92	12.85	9.35	24.50	-489.20	0.00	43.2	420	
20	16.00	12.91	9.37	24.80	-481.10	0.00	40.7	420	
25	15.93	13.03	9.39	24.90	-475.40	0.00	36.6	400	
30	15.90	13.03	9.38	25.00	-468.30	0.00	37.8	400	
35	16.03	12.85	9.42	24.30	-469.80	0.00	37.1	440	
40	16.15	12.87	9.44	24.50	-463.40	0.00	30.3	440	
45	16.23	12.69	9.44	24.90	-455.40	0.00	30.0	450	
50	16.27	12.82	9.42	25.00	-448.30	0.00	36.8	450	
55	16.29	12.81	9.45	25.00	-445.10	0.00	36.6	420	
60	16.23	12.85	9.45	25.10	-439.50	0.00	35.7	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

5 15.18 12.76 9.34 22.70 -519.90 0.00 45.1 470 1.008
10 15.73 12.76 9.35 23.60 -503.10 0.00 53.8 450
15 15.92 12.85 9.35 24.50 -489.20 0.00 43.2 420
20 16.00 12.91 9.37 24.80 -481.10 0.00 40.7 420
25 15.93 13.03 9.39 24.90 -475.40 0.00 36.6 400
30 15.90 13.03 9.38 25.00 -468.30 0.00 37.8 400
35 16.03 12.85 9.42 24.30 -469.80 0.00 37.1 440
40 16.15 12.87 9.44 24.50 -463.40 0.00 30.3 440
45 16.23 12.69 9.44 24.90 -455.40 0.00 30.0 450
50 16.27 12.82 9.42 25.00 -448.30 0.00 36.8 450
55 16.29 12.81 9.45 25.00 -445.10 0.00 36.6 420
60 16.23 12.85 9.45 25.10 -439.50 0.00 35.7 440

End Purge Time: 1422 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.012

Final Observations: Color: Clear w/ White Sus. Solids Odor: No Sheen/Free Product: No

Sample ID: SB915-0322-06 **Sample Time:** 1440

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/25/16

Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: ~78°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.15 ft. bmp

Depth to Water*: 6.03 ft.

Length of Water Column: 14.12 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 10:09

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.10	12.15	11.28	8.08	5.80	3.21	2.58	400	1.002
10	6.10	11.91	11.64	8.23	6.20	3.00	2.06	400	
15	6.10	11.92	11.87	8.19	7.10	2.84	1.70	400	
20	6.10	11.92	12.06	8.20	6.60	2.77	1.76	400	
25	6.10	12.01	12.13	8.19	8.80	2.74	1.98	400	
30	6.10	12.06	12.12	8.22	12.30	2.71	2.05	400	
35	6.10	12.01	12.17	8.20	13.10	2.69	1.96	400	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1046 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0325-01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA605808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: [redacted]SB915-P2-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/25/16
Project #: 1163.61104 | Pump/Controller ID#: FA900 400 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.1 ft. bmp
Depth to Water*: 23.7 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:49
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.7	13.54	11.50	55.3	-148.8	0.19	8.43	300	1.028
10	25.02	13.15	11.55	53.10	-151.3	0.16	6.94	300	
15	25.1	13.03	11.55	56.4	-152.3	0.10	12.6	300	
20	25.25	13.09	11.54	57.6	-153.7	0.08	13.2	300	
25	25.2	12.98	11.54	58.2	-154.9	0.05	11.0	300	
30	25.3	13.03	11.54	59.5	-155.8	0.04	9.03	300	
35	25.3	13.05	11.54	60.00	-157.2	0.03	9.11	300	
40	25.3	13.11	11.53	60.70	-157.8	0.02	7.39	300	
45	25.3	13.11	11.53	61.20	-158.7	0.02	6.49	300	
50	25.3	13.11	11.53	61.5	-159.7	0.01	5.22	300	
55	25.3	13.13	11.53	61.8	-159.7	0.01	3.39	300	
60	25.3	13.11	11.53	62.6	-160.1	0.01	3.53	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1052 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.03
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0325-02 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: ~~Peristaltic~~ Bladder | Date: 5/25/16
Project #: 1163.61104 | Pump/Controller ID#: FA00443 | Weather: Sun, 70-80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 31.40 ft.
Length of Water Column: 34.11 ft.

Well Volume Multipliers:
(2 in.) = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1000
Initial Observations: Color: Clear, v. slight cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	36.00						18.6	455	1.022
* Restart @ 1614									
5	37.69	13.40	9.92	316.82	-169.40	3.66	25.6	440	
10	39.90	13.48	9.99	38.11	-172.40	3.41	22.2	440	
15	41.95	13.22	10.04	40.5	-178.6	2.87	16.2	450	
20	42.65	13.28	10.07	43.85	-184.9	2.45	14.1	450	
25	43.31	13.35	10.09	46.54	-192.20	2.03	11.3	435	
30	44.03	13.49	10.11	48.94	-197.50	1.76	12.01	435	
35	44.64	13.29	10.13	51.46	-203.3	1.47	9.89	430	
40	45.20	13.31	10.15	53.70	-208.7	1.24	7.36	430	
45	45.73	13.36	10.16	56.22	-213.00	1.09	7.21	430	
50	46.05	13.45	10.17	58.49	-217.2	0.96	5.82	435	
55	46.51	13.57	10.18	59.76	-220.2	0.84	5.14	435	
60	46.83	13.45	10.19	60.86	-224.1	0.69	5.11	430	
65	47.04	13.46	10.2	62.05	-227.6	0.62	4.74	430	
70	47.33	13.44	10.2	64.2	-231.8	0.55	5.18	430	
75	47.54	13.59	10.2	66.23	-233.8	0.50	5.21	430	
80	47.85	13.70	10.21	65.64	-235.9	0.43	4.60	430	
85	48.01	13.39	10.22	68.19	-238.7	0.38	3.89	430	
90	48.21	13.04	10.22	68.23	-240.0	0.37	2.96	430	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1207 Total volume of groundwater purged: 17 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0325-03 **Sample Time:** 1220

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: * IPod Overheated, Log restard

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: AJF | Date: 5/25/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
95	48.35	12.98	10.23	68.76	-242.2	0.34	3.32	430	
100	48.57	12.90	10.23	69.94	-245.1	0.28	3.38	430	
105	48.67	12.85	10.23	71.84	-248.5	0.23	2.69	430	
110	48.81	12.67	10.23	72.08	-250.3	0.19	2.97	430	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-mw-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/25/16

Project #: 1163.61104 | Pump/Controller ID#: FA004408 | Weather:

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: _____ ft. bmp

Depth to Water*: 27.41 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 12:56

Initial Observations: Color: clear Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.9	12.15	6.82	75.20	-51.20	0.24	66.1	500	1.044
10	33.4	11.86	6.88	58.70	-48.90	0.16	74.5	500	
15	34.9	11.80	6.87	59.10	-49.60	0.10	76.7	500	
20	36.3	11.74	6.89	57.90	-63.80	0.06	77.0	500	
25	37.2	11.76	6.93	56.20	-70.40	0.05	59.0	500	
30	37.8	11.81	6.97	55.30	-76.70	0.03	84.3	500	
35	38.4	11.85	7.02	55.00	-82.20	0.02	73.0	500	
40	38.8	11.85	7.02	54.50	-80.90	0.02	51.9	500	
45	39.1	11.89	7.01	54.40	-78.20	0.01	41.8	500	
50	39.1	12.01	6.99	54.20	-72.20	0.01	33.3	500	
55	39.0	11.98	6.97	54.10	-69.90	0.01	31.7	500	
60	39.0	12.10	6.97	53.30	-66.30	0.01	26.6	500	1.030
65	39.0	12.15	6.95	53.90	-61.70	0.01	30.4	500	
70	39.1	12.20	6.94	53.60	-59.20	0.00	29.1	500	
75	39.0	12.11	6.92	53.70	-54.70	0.00	25.2	500	
80	39.0	12.06	6.91	53.80	-52.30	0.00	25.2	500	
85	39.0	12.10	6.90	53.80	-50.50	0.00	26.0	500	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:27 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.028

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB91[illegible]-0325-04 **Sample Time:** 1435

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW/B

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.25.16

Project #: 1163.61104 | Pump/Controller ID#: FA02526 / FA00443 | Weather: ~78°F Sun/clouds

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 130.86 ft. bmp

Depth to Water*: 29.27 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1328

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.10	12.56	7.98	90.02	-63.90	0.21	22.4	500	1.048
10	30.10	12.31	7.80	85.14	-62.20	0.15	11.9	500	
15	30.10	12.24	7.69	84.10	-60.20	0.11	8.54	500	
20	30.10	12.20	7.61	81.81	-56.30	0.09	6.05	500	
25	30.10	12.23	7.53	81.63	-53.40	0.06	5.26	500	
30	30.10	12.34	7.46	82.21	-50.50	0.05	4.71	500	
35	30.10	12.34	7.41	82.71	-48.20	0.04	4.82	500	
40	30.10	12.43	7.36	82.45	-46.60	0.03	4.60	500	
45	30.10	12.47	7.32	82.61	-45.08	0.03	4.20	500	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1415 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.042

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0325-~~DUP~~05 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	17A00808
Other:			

Notes: CPM: 4 PSI: 115

R: 10

D: 5

Low Flow Groundwater Sampling Log

Well ID: SB915-mw-40S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: TBP/ASF

Site Location: Camillus, NY | Pump Type Used: — | Date: 5/24/16

Project #: 1163.61104 | Pump/Controller ID#: — | Weather: _____

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 45.05 ft. bmp

Depth to Water*: 42.01 ft.

Length of Water Column: 3.04 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: .50 gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP, AJF

Site Location: Camillus, NY | Pump Type Used: | Date: 5/24/16

Project #: 1163.61104 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 35.43 ft. bmp

Depth to Water*: 31.53 ft.

Length of Water Column: 3.9 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: .64 gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-mw-505

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.61104
Sampling Method: ~~—~~
Pump Type Used: ~~—~~
Pump/Controller ID#: _____
Field Personnel: TBP / AJF
Date: 5/24/16
Weather: _____

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 36.23 ft. bmp
Depth to Water*: 34.67 ft.
Length of Water Column: 1.56 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 0.25 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____
Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____
Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/24/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: Sun, 50-60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 13.02 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1002
Initial Observations: Color: Cloudy-clear Odor: No Sheen/Free Product: No

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.05	11.77	6.59	102.10	-72.00	0.05	47.2	440	1.062
10	13.05	11.89	6.61	101.50	-73.40	0.03	18.6	450	
15	13.05	11.63	6.61	102.90	-72.50	0.02	21.9	470	
20	13.05	11.73	6.61	103.00	-71.60	0.02	16.3	470	
25	13.05	11.69	6.61	103.00	-71.20	0.02	12.6	500	
30	13.05	11.78	6.60	103.00	-69.30	0.01	15.0	500	
35	13.05	11.78	6.60	102.60	-68.40	0.01	13.4	500	
40	13.05	12.01	6.60	101.00	-67.80	0.01	10.05	470	
45	13.05	11.71	6.60	102.50	-67.20	0.01	7.84	480	
50	13.05	11.64	6.60	103.40	-66.60	0.01	6.63	500	
55	13.05	11.59	6.59	103.40	-66.40	0.01	7.48	500	
60	13.05	11.64	6.59	103.10	-65.90	0.01	5.94	480	
65	13.05	11.88	6.59	102.70	-65.60	0.01	6.03	480	
70	13.05	11.80	6.59	102.60	-66.10	0.01	4.69	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1118 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.060
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0324-01 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Ponstalt | Date: 5/23/16
Project #: 1163.61104 | Pump/Controller ID#: FA01238 | Weather: Sun, 70-80F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 14.4 ft. bmp
Depth to Water*: 10.32 ft.
Length of Water Column: 4.08 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: .67 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1212
Initial Observations: Color: ____ Odor: S. Chemical Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0	14.40	15.85	10.18	1.83	-62.6	0.12	—	—	1.003
3	14.10						23.8		
5	Dry								
5/24/16	~~5.52~~								
TOP	10.35	17.81	7.28	4.55	-61.5	1.93	11.0		1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1217 Total volume of groundwater purged: ~2 gallon(s). *Specific Gravity:* ____

Final Observations: Color: SAA Odor: SAA Sheen/Free Product: No

Sample ID: SB915-0324-02 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-~~10~~ 10U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJT
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/23/16
Project #: 1163.61104 | Pump/Controller ID#: FA021646 | Weather: Sun, 60-70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: ~~82.00~~ AF ft. bmp 19.15
Depth to Water*: 7.44 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1019
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.71	12.34	11.76	17.95	-29.70	0.41	~~1.01~~ 1.27 AF	460	1.010
10	7.74	12.18	12.00	18.09	-28.70	0.64	0.68	510	
15	7.74	12.30	12.21	18.14	-28.60	0.80	0.48	500	
20	7.74	12.10	12.29	18.17	-25.50	0.94	0.35	500	
25	7.74	12.20	12.36	18.23	-24.10	1.02	0.42	500	
30	7.74	12.15	12.44	18.26	-23.90	1.16	0.58	500	
35	7.74	12.12	12.46	18.33	-21.70	1.20	0.50	500	
✓40	7.75	12.15	12.48	18.32	-21.00	1.20	0.48	500	
✓45	7.75	12.25	12.52	18.37	-20.30	1.23	0.33	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1107 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0323-[redacted]01 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 5/23/16

Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: _____ ft. bmp

Depth to Water*: 15.6 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1054

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.7	12.49	6.62	116.8	-14.7	0.04	3.39	480	1.066
10	15.75	12.35	6.60	117.3	-11.3	0.00	2.87	480	
15	15.75	12.41	6.58	117.3	-10.4	0.00	2.24	480	
20	15.75	12.35	6.58	116.8	-10.0	0.00	1.39	480	
25	15.75	12.13	6.57	117.7	-10.10	0.00	2.61	480	
30	15.75	15.16	6.57	117.5	-10.10	0.00	.93	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1126 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.066

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0323-02 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 5.23.16
Project #: 1163.61104 | Pump/Controller ID#: FA6 0006 2 | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 19.01 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1338
Initial Observations: *Color:* clear *Odor:* none *Sheen/Free Product:* none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.31	15.34	6.42	196.8	32	0.66	11.0	260	1.032
10	23.85	15.16	6.42	197.3	42.9	0.90	10.58	260	
15	25.15	14.93	6.45	197.5	48.2	1.21	9.35	260	
20	26.3	14.84	6.46	197.6	48.0	1.20	10.71	260	
25	28.1	14.59	6.48	198.4	47.1	1.13	9.78	260	
30	29	14.54	6.49	198.5	45.6	1.09	8.86	260	
35	30.5	14.58	6.5	198.4	43.6	1.04	8.36	260	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1421 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* none *Sheen/Free Product:* none

Sample ID: SB915-0323-03 **Sample Time:** 1446

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1174
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.23.16
Project #: 1163.61104 | Pump/Controller ID#: FA02526 / FA00443 | Weather: ~78°F Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 156.00 ft. bmp
Depth to Water*: 27.95 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1331
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.43	13.67	6.17	143.70	6.00	0.31	45.00	400	1.074
10	33.60	13.20	6.21	137.00	-0.98	0.21	23.4	400	
15	36.82	12.95	6.20	131.40	0.20	0.20	28.7	400	
20	38.55	13.03	6.19	131.10	-5.20	0.17	19.8	400	
25	40.60	12.73	6.19	131.10	-7.20	0.15	17.9	400	
30	42.65	12.69	6.19	132.00	-7.20	0.13	14.6	400	
35	44.93	12.79	6.18	132.70	-5.60	0.13	18.3	400	
40	47.05	12.78	6.14	131.80	-1.60	0.12	17.4	400	
45	48.40	12.75	6.11	132.20	3.50	0.11	15.0	400	
50	49.40	12.65	6.08	131.50	8.30	0.11	11.9	400	
55	51.20	12.70	6.06	131.70	11.90	0.10	11.1	400	
60	52.40	12.70	6.05	130.60	15.30	0.18	11.3	400	
65	54.10	12.76	6.05	131.20	19.00	0.38	11.3	400	
70	55.70	12.61	6.05	132.50	21.80	0.45	11.01	400	
75	56.40	12.74	6.06	131.50	22.80	0.48	10.77	400	
80	57.20	12.74	6.66	131.60	23.00	0.40	10.65	400	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1452 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.078
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0323-04 **Sample Time:** 1510

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: CPM: 3 PSI: 110
R: 11
D: 9

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: BH

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.26.16

Project #: 1163.61104 | Pump/Controller ID#: | Weather: ~85°F Sun

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 133.4 ft. bmp

Depth to Water*: 68.62 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time: 928

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.72	12.54	6.13	95.00	-39.70	0.30	28.0	475	1.054
10	68.70	12.56	6.18	99.20	-42.00	0.17	61.0	475	
15	68.75	12.33	6.19	99.00	-38.40	0.11	40.1	475	
20	68.73	~~12.33~~ 12.19	6.19	98.80	-35.80	0.09	33.4	475	
25	68.69	12.15	6.19	99.40	-33.30	0.08	32.8	475	
30	68.70	12.19	6.19	99.00	-31.90	0.06	26.5	475	
35	68.70	12.28	6.19	99.00	-30.70	0.05	28.3	475	
40	68.69	12.33	6.19	99.80	-29.60	0.04	27.9	475	
45	68.69	12.39	6.19	98.90	-28.90	0.04	27.5	475	1.056
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:13 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.056

Final Observations: Color: clear/light gray Odor: none *Sheen/Free Product:* none

Sample ID: SB915-0326-01,02,03 (MS/MSD) **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/26/16
Project #: 1163.61104 | Pump/Controller ID#: FA02072 / FA02028 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 45.9 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:15

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	48.4	14.88	8.46	79.9	-197.4	0.37		160	1.050
10	48.95	14.76	8.84	80.4	-202.2	0.28	15.7	160	
15	50.22	14.76	9.11	79.5	-196.8	0.19	14.2	160	
20	51.03	14.3	9.27	79.7	-194.2	0.17	13.5	160	
25	51.9	14.22	9.40	79.8	-190.6	0.18	12.5	160	
30	52.6	14.27	9.52	79.7	-183.0	0.241	15	160	
35	53.66	14.30	9.61	79.6	-174.7	0.35	13.2	160	
40	54.26	14.36	9.68	79.3	-167.8	0.53	14.4	160	
45	55	14.54	9.76	78.9	-166.8	0.76	14.6	160	
50	55.7	14.55	9.81	78.3	-164.3	0.97	14.2	160	
55	56.2	14.67	9.87	78.2	-166.3	1.26	12.8	160	
60	56.8	14.36	9.90	78.2	-167.7	1.45	12.13	160	
65	57.2	14.30	9.93	79.1	-171.5	1.58	11.11	160	
70	57.85	14.72	9.98	78.9	-169.9	1.68	9.31	160	
75	58.5	14.76	10.00	79.0	-175.4	1.68	9.44	160	
80	58.85	14.65	10.02	79.1	-178.9	1.70	8.45	160	
85	59.2	14.58	10.03	78.9	-179.9	1.63	8.62		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:42 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.050

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0326-04 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01525
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-~~30~~ 53D

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: RJH
Site Location: Camillus, NY | Pump Type Used: bladder | Date: 5/27/16
Project #: 1163.61104 | Pump/Controller ID#: ~~FA02~~ FA02526/FA00413 | Weather: Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 123.85 ft. bmp
Depth to Water*: 67.82 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:40
Initial Observations: Color: clear to slightly gray Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.95	12.76	6.88	1.30	-19.70	0.22	98.4	500	1.004
10	67.90	12.09	6.95	1.30	-37.80	0.12	93.6	500	
15	67.87	11.86	7.01	1.35	-47.40	0.06	88.4	500	
20	67.90	12.40	7.03	1.52	-56.20	0.03	76.3	500	
25	67.90	11.89	7.03	1.64	-61.70	0.00	72.8	500	
30	67.90	12.03	7.04	1.67	-66.40	0.00	64.3	500	
35	67.90	11.83	7.06	1.68	-68.10	0.00	61.8	500	
40	67.90	11.76	7.06	1.69	-68.30	0.00	63.1	500	
45	67.90	11.71	7.06	1.71	-68.40	0.00	59.3	500	
50	67.90	11.76	7.06	1.69	-68.30	0.00	57.2	500	
55	67.90	11.76	~~7.06~~ 7.05	1.73	-67.70	0.00	53.2	500	
60	67.90	11.86	7.05	1.75	-67.30	0.00	49.9	500	
65	67.90	11.80	7.06	1.74	-66.90	0.00	42.8	500	
70	67.90	11.66	7.05	1.74	-66.20	0.00	40.0	500	
75	67.90	11.68	7.05	1.75	-65.60	0.00	43.5	500	
80	67.90	12.26	7.06	1.74	-67.00	0.00	40.9	500	
85	67.90	12.31	7.03	1.74	-66.10	0.00	38.7	500	
90	67.90	12.62	7.05	1.76	-67.00	0.00	32.6	500	
95	67.90	12.17	7.04	1.78	-65.50	0.00	30.3	500	
100	67.90	12.49	7.04	1.75	-65.70	0.00	24.6	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1220~~ 1230 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-032~~6~~-01,02(FD) **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01525
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: 5CPM 7.0R/5.0D

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: BJH | Date: 5/27/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	67.85	11.86	7.03	1.75	-63.80	0.00	25.8	500	
110	67.85	12.21	7.06	1.75	-65.20	0.00	26.9	500	
115	67.85	12.03	7.04	1.75	-64.00	0.00	23.2	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic * | Date: 5/27/16
Project #: 1163.61104 | Pump/Controller ID#: FA02072 (cont.) | Weather: Sun, 70-80° F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 44.23 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1028
Initial Observations: Color: Light Gray Odor: No Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	46.39	16.50	11.79	115.50	-201.3	0.66	136	115	1.066
10	46.80	16.33	11.80	116.20	-202.1	0.23	102	115	
15	47.35	15.54	11.82	115.10	-196.3	0.19	136	117	
20	49.17	14.70	11.85	115.30	-190.8	0.19	111	115	
25	49.5	14.74	11.85	115.90	-189.9	0.15	110	120	
30	49.10	14.97	11.85	115.50	-191.7	0.16	91.9	120	
35	49.37	14.90	11.85	116.10	-193.1	0.14	86.9	120	
40	49.90	14.20	11.89	113.40	-193.5	0.12	75.9	200(?)	**
45									
50									
55									
60	51.65	15.19	11.85	114.80	-188.8	0.89	55.2	160	
65	52.58	14.116	11.89	116.00	-192.0	0.44	41.6	170	
70	52.90	14.47	11.88	117.40	-195.16	0.23	34.9	160	
75	53.5	13.94	11.90	115.90	-195.16	0.18	29.16	160	
80	54.1	13.66	11.91	116.30	-198.0	0.15	28.7	160	
85	54.38	14.116	11.89	117.10	-201	0.13	24.1	160	
90	54.76	15.37	11.86	116.20	-205.2	0.12	21.5	160	
95	54.20	15.69	11.85	116.60	-207.1	0.11	21.4	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1207 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.066
Final Observations: Color: Clear Odor: V. Slight Fishy *Sheen/Free Product:* None

Sample ID: SB915-0327-03 **Sample Time:** 1220

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: CPM 1, Discharge 15, Refill 95, 100 PSI
* Pump # FA00408
** Line trouble → Had to replace Bladder, →

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW - 425

Site Name: SB915 Closure / SCA | Sampling Method: Purge / Sample | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 5/26/16 - 5/27/16

Project #: 1163.61104 | Pump/Controller ID#: | Weather: 80's Sunny

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: ~~37.15~~ ft. bmp

Depth to Water*: 37.15 ft.

Length of Water Column: 4.6 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

4.75

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

- [x] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5/26/16		20.37	10.29	30.77	64.7	6.01	8.03		
5/27/16	37	22.27	10.05	34.42	99.6	10.41	2.41		1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: SB915-0327-04 **Sample Time:** 1100

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0B2K
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-435

Site Name: SB915 Closure / SCA | Sampling Method: Purge / Sample | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 5/26/16 - 5/27/16
Project #: 1163.61104 | Pump/Controller ID#: | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 46.93 ft. bmp
Depth to Water*: 38.62 ft.
Length of Water Column: 8.31 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5/26/16 —	38.85	18.37	10.99	6422.6	135.9	4.61	1.56	—	1.004
				mS/cm			6.58		1.006
5/27/16	38.86	20:33	11.25	7.43	26.1	6.98	6.58		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: SB915 - 0327 - 05 **Sample Time:** 1215

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/31/16

Project #: 1163.61104 | Pump/Controller ID#: FA02072 | Weather: 70-80 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 142.75 ft. bmp

Depth to Water*: 12.2 ft.

Length of Water Column: 130.55 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1028

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.55	13.44	6.74	180.05	-19.6	0.12	30.6	450	~~1.112~~ 1.112
10	18.5	13.04	6.68	180.67	-26.6	0.03	84	450	
15	21.81	12.99	6.65	180.74	-27.6	0.02	~~40.8~~ 36.2	450	
20	24.45	12.94	6.63	180.87	-28.8	0.01	27.8	450	
25	26.9	12.~~86~~	6.62	181.~~31~~	-29.~~8~~	0.00	20.7	450	
30	29.23	12.96	6.61	179.77	-31.3	0.00	17.4	450	
35	31	12.87	6.60	180.49	-32.1	0.00	14.2	450	
40	33	12.9	6.58	180.92	-32.5	0.00	12.7	450	
45	35	12.78	6.58	178.14	-33.3	0.00	11.71	450	
50	37.58	12.81	6.57	181.89	-33.7	0.00	12.8	450	
55	39.5	12.85	6.56	180.08	-34.3	0.00	11.35	450	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

TBP

End Purge Time: 1124 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.118

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0328-01 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA0856
Other:			

Notes: * Air Bubbles in sample water CPM-3 PST-120

* *TRIP Did NOT Record R-11

D-9

Low Flow Groundwater Sampling Log

Well ID: SB915-WR-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-31-16
Project #: 1163.61104 | Pump/Controller ID#: FA00408/FA01039 | Weather: Sun, 75°F, wind

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 114.77 ft. bmp
Depth to Water*: 14.69 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:49

Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.05	13.96	7.52	178.20	-40.70	0.49	45.1	500	1.104
10	23.52	13.54	7.51	178.20	-44.60	0.34	19.0	480	
15	27.16	13.40	7.50	178.40	-52.50	0.30	11.9	480	
20	30.18	13.22	7.49	177.80	-53.30	0.28	10.93	480	
25	33.60	13.25	7.48	177.70	-53.60	0.26	9.04	480	
30	36.71	13.11	7.47	177.20	-53.30	0.25	7.93	480	
35	38.83	13.11	7.45	178.80	-53.00	0.24	7.60	480	1.102
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:25 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.102

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0328-02 **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: JWR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.31.16
Project #: 1163.61104 | Pump/Controller ID#: FA02526 / FA00443 | Weather: ~80°F Sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.00 ft. bmp
Depth to Water*: 25.31 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1048

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.78	14.20	6.13	192.70	-14.60	0.41	10.99	450	1.092
10	30.25	13.30	6.16	198.00	-17.30	0.13	9.79	450	
15	32.62	13.14	6.20	195.70	-18.20	0.10	10.44	450	
20	34.62	13.02	6.14	192.90	-16.60	0.08	8.29	450	
25	36.20	13.02	6.19	193.80	-15.70	0.08	7.30	450	
30	36.90	13.02	6.19	192.40	-14.90	0.06	7.75	450	
35	37.70	12.96	6.18	190.80	-13.90	0.06	6.04	450	
40	38.50	12.97	6.18	190.50	-13.00	0.05	5.27	450	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.130

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0328-03 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: CPM: 3 PSI: 120
R: 11 150 ml/purge
D 9

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-539

Site Name: SB915 Closure / SCA | Sampling Method: Purge / Sample | Field Personnel: ~~EB~~ JWB
Site Location: Camillus, NY | Pump Type Used: — | Date: 5/27/16
Project #: 1163.61104 | Pump/Controller ID#: — | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 34.90 ft. bmp
Depth to Water*: 27.32 ft.
Length of Water Column: 7.58 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: ____

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5/31/16 @1200	27.71	22.78	12.02	10.02	-63.3	2.93	15.9	—	1.004
6/1/16	28.2	14.98	10.22	9.22	66.2	5.27	14.2	—	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: 1.25 gallon(s). *Specific Gravity:* 1.008

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0329-01 **Sample Time:** 1010

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	F
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-1-16
Project #: 1163.61104 | Pump/Controller ID#: FA02646 | Weather: Sun, 75°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.65 ft. bmp
Depth to Water*: 15.14 ft.
Length of Water Column: 5.51 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 11:02

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.24	10.95	11.81	5.49	28.20	9.92	2.78	500	1.002
10	15.24	10.43	11.90	5.88	26.10	9.45	2.37	500	
15	15.24	10.37	11.98	6.02	25.80	7.23	3.04	500	
20	15.24	10.36	12.03	6.17	26.20	6.24	1.81	500	
25	15.24	10.34	11.99	6.27	28.90	5.75	0.97	500	
30	15.24	10.34	11.97	6.35	28.40	4.95	0.75	500	1.002
35	15.24	10.39	11.96	6.39	28.50	4.49	0.55	500	
40	15.24	10.34	11.92	6.44	30.40	4.08	0.58	500	
45	15.24	10.45	11.87	6.58	30.10	3.50	0.48	500	
50	15.24	10.46	11.87	6.59	29.70	3.04	0.13	506	
55	15.24	10.53	11.88	6.63	29.40	2.84	0.13	500	
60	15.24	10.43	11.90	6.76	29.40	2.36	0.29	506	1.002
65	15.24	10.50	11.91	6.78	29.40	2.26	0.27	500	
70	15.24	10.48	11.93	6.81	29.20	2.07	0.06	500	
75	15.24	10.45	11.92	6.84	30.10	1.89	0.13	500	
80	15.24	10.46	11.92	6.82	29.90	1.84	0.10	500	
85	15.24	10.47	11.93	6.85	29.20	1.71	0.62	500	
90	15.24	10.48	11.92	6.87	30.00	1.60	0.28	500	1.002
95	15.24	10.52	11.91	6.84	29.90	1.52	0.17	500	
100	15.24	10.44	11.91	6.87	30.00	1.48	0.20	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:42 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-~~DUP~~ 0329-02 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6/1/16
Project #: 1163.61104 | Pump/Controller ID#: FA0 2072/FA | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.25 ft. bmp
Depth to Water*: 44.05 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1255
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	43.95	14.30	10.73	42.46	-182.1	0.18	~~2.76~~	200	1.010
10	43.9	13.73	10.68	42.71	-188.2	0.06	1.5	200	
15	43.95	13.67	10.70	42.77	-189.5	0.04	1.51	200	
20 *	43.95	13.54	10.72	42.89	-192.0	0.04	1.65	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1318 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0329-03 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 13 25
Turbidity Meter:	LaMotte	2020we	FA0 18 56
Other:			

Notes: * well was low Flowed For 90 min, 8 gal Purged, sample taken Due to Stable Readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6-1-16
Project #: 1163.61104 | Pump/Controller ID#: / FA01039 | Weather: ~80°F Sun

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 119.25 ft. bmp
Depth to Water*: 81.90 ft.
Length of Water Column: 37.35 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1252

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	81.95	13.37	6.76	5.80	-26.10	0.43	41.5	460	1.010
10	81.95	13.02	6.69	5.60	-21.80	0.23	36.0	460	
15	81.95	13.02	6.66	5.60	-20.60	0.17	28.9	460	
20	81.95	12.93	6.63	5.30	-19.00	0.12	16.9	460	
25	81.95	12.89	6.63	5.30	-18.90	0.09	12.30	460	
30	81.95	12.66	6.63	5.20	-18.60	0.08	11.67	460	
35	81.95	12.84	6.62	5.20	-18.50	0.07	11.70	460	
40	81.95	13.06	6.62	5.30	-18.50	0.06	9.15	460	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1333 Total volume of groundwater purged: 20 gallon(s). *Specific Gravity:* 1.006

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0329-04 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: CPM: 4 PSI: 105
R: 10 *Well purged for 90 mins before this Log, 15 gallons removed
D 5 Bluetooth was connected to wrong iPad

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: — | Date: 6-2-16

Project #: 1163.61104 | Pump/Controller ID#: — | Weather: 70°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.70 ft. bmp

Depth to Water*: 15.38 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not enough	water	to	sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6/21/16
Project #: 1163.61104 | Pump/Controller ID#: FA01039 | Weather: 70's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: ~~84.75~~ ft. 84.75
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:18
Initial Observations: Color: Clear / Slight Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	88	13.03	7.68	164.3	-78.5	~~3~~ 3.83	116	300	1.090
10	89.85	12.68	7.71	165.2	-100.9	0.81	~~8~~29	300	
15	91.1	12.50	7.83	163.1	-141.3	0.28	890	300	
20	93.2	12.27	7.93	159.1	-165.3	0.18	61	300	
25	94.2	12.19	7.95	154.8	-169.4	0.19	52.4	300	
30	95.75	12.11	7.94	153.6	-168.9	0.18	31.4	300	
35	97.6	12.06	7.94	153.7	-169.4	0.17	25.5	300	
40	99.1	12.19	7.95	153.9	-170.2	0.16	18.5	300	
45	100.75	12.20	7.95	154.3	-170.8	0.15	14.2	300	
50	102.1	12.12	7.96	154.0	-171.8	0.14	17.3	300	
~~55~~ 60	103.6	12.15	~~7.97~~ 7.98	153.4	-172.8	0.13	15.8	300	
60 ~~65~~	104.9	12.23	7.98	154.0	-175.8	0.12	17.5	300	
65 ~~70~~	106.35	~~12.04~~ 12.24	8.00	153.6	-180.2	0.11	21.1	300	
70 ~~75~~	107.6	12.38	8.04	153.1	-189.7	0.10	23.8	300	
75 ~~80~~	109.05	12.56	8.10	153.6	-201.4	0.11	25.8	300	
80 ~~85~~	110.34	12.43	8.18	152.8	-217.9	0.09	24.7	300	
85 ~~90~~	111.6	12.38	8.27	151.8	-233.6	0.08	27.1	300	
90 ~~95~~	113.3	12.43	8.34	150.9	-244.9	0.08	~~2~~8.4	300	
95 ~~100~~	114.3	12.47	8.39	151.0	-248.3	0.15	27.7	300	
100 ~~105~~	115.22	12.47	8.42	149.4	-241.0	0.30	26.3	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1335~~ 1334 **Total volume of groundwater purged:** 9 gallon(s). **Specific Gravity:** 1.090

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0330-01, 02 (02-FD) **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: CPM-3 120 PSI
D 11
R 9

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-mw-91B

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 6/2/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	116.65	12.41	8.42	150.4	-234.2	0.41	25.8	300	
110	117.55	12.50	8.43	149.9	-233.3	0.40	25.2	300	
115	119.25	12.61	8.44	149.7	-234.0	0.37	23.3	300	
120	120.2	12.49	8.44	150.0	-237.6	0.30	23.1	300	
125	121.45	12.51	8.45	150.2	-239.0	0.27	26.5	300	
130	122.32	12.48	8.45	150.3	-240.7	0.25	23.7	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6-2-16
Project #: 1163.61104 | Pump/Controller ID#: FA02526/FA02072 | Weather: Cloudy, humid, 80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 129.75 ft. bmp
Depth to Water*: 30.98 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 10:03
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.80	10.06	8.04	78.00	-160.80	0.30	12.4	500	1.042
10	33.40	9.83	8.13	75.80	-175.00	0.14	11.5	500	
15	34.52	9.76	7.64	78.80	-119.20	0.11	9.27	500	
20	34.75	9.73	7.35	80.80	-85.70	0.09	6.89	500	
25	34.95	9.73	7.29	81.80	-76.00	0.07	6.96	500	
30	35.10	9.70	7.22	81.90	-66.50	0.06	7.65	500	1.042
35	35.15	9.78	7.16	82.50	-58.50	0.05	5.56	500	
40	35.15	9.74	7.10	82.70	-50.10	0.04	5.81	500	
45	35.20	9.79	7.04	82.30	-43.10	0.03	5.12	500	
50	35.25	9.76	7.00	82.20	-37.60	0.03	4.70	500	
55	35.25	9.70	6.97	82.30	-33.80	0.02	5.02	500	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0330-03,04,05 (MS, MSD) **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6-2-16
Project #: 1163.61104 | Pump/Controller ID#: / FA00443 | Weather: ~72°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 65.55 ft. bmp
Depth to Water*: 51.89 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 1028

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	51.89	10.86	7.22	0.97	-13.00	6.65	3.09	400	1.000
10	51.89	10.21	7.28	0.95	-49.70	6.73	1.58	400	
15	51.89	10.00	7.36	0.94	-59.10	6.98	0.89	400	
20	51.89	9.97	7.38	0.93	-59.60	6.96	1.20	400	
25	51.89	9.87	7.37	0.93	-60.30	6.94	0.73	400	
30	51.89	9.86	7.37	0.92	-60.40	6.80	0.81	400	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1059 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0330-06 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 6-2-16

Project #: 1163.61104 | Pump/Controller ID#: / FA00443 | Weather: ~72°F Rain/cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 197.90 ft. bmp

Depth to Water*: 77.97 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1202

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	77.85	12.49	6.90	74.62	-63.30	1.69	3.93	440	1.032
10	83.90	11.84	6.97	76.96	-19.80	10.92	6.71	440	
15	87.50	11.75	6.99	76.86	-17.70	12.51	6.48	440	
20	—	12.14	6.97	77.11	-17.00	12.87	—	440	
X25	—	18.72	6.84	75.03	-31.30	10.57	—	448	
30	91.50	13.08	6.96	74.02	-20.60	11.28	8.87	440	
35	95.30	12.11	6.93	75.88	-18.30	12.38	12.4	440	
40	98.40	11.99	6.95	74.49	-20.10	11.20	14.6	440	
45	100.75	11.94	6.95	74.14	-20.50	11.91	11.4	440	
50	103.4	11.98	6.94	73.77	-21.50	11.27	10.21	440	
55	106.5	11.96	6.95	72.18	-22.50	10.69	10.53	440	
60	108.5	11.94	6.95	70.83	-23.60	11.13	10.29	440	
65	110.60	11.98	6.95	69.83	-25.00	11.16	11.31	440	
70	112.70	12.03	6.95	68.98	-26.80	10.77	11.56	440	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1313 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0330-07 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01856
Other:			

Notes: CPM: 4 PSI: 120 R: 5 110 ml/purge D: 10 * Pulled pump to check bladder, lots of air bubbles coming up. No holes or leaks.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder	Date:	6-2-16
Project #:	1163.61104	Pump/Controller ID#:	FA02526/FA02072	Weather:	Rain, 80°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 28.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:09

Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.99	12.03	6.90	53.20	-52.10	0.24	92.8	500	1.026
10	33.08	11.86	6.86	55.90	-41.80	0.13	49.7	500	
15	34.29	11.82	6.74	61.10	-19.80	0.08	36.6	500	
20	35.25	11.78	6.70	64.20	-14.20	0.06	31.8	500	
25	35.82	11.78	6.67	66.20	-12.40	0.05	27.9	500	
30	36.30	11.78	6.65	67.60	-9.80	0.04	23.3	500	1.032
35	36.61	11.78	6.64	68.60	-8.30	0.03	21.6	500	
40	36.86	11.77	6.63	69.10	-7.20	0.02	19.3	500	
45	37.00	11.78	6.63	69.50	-6.40	0.02	18.5	500	
50	37.10	11.80	6.62	69.70	-5.60	0.02	18.7	500	1.036
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:00 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.036

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0330-08 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 6/3/16
Project #: 1163.61104 | Pump/Controller ID#: FA01719 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44 ft. bmp
Depth to Water*: 23.28 ft.
Length of Water Column: 21.28 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1040
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.12	15.24	11.89	39.2	-191.8	0.08	6.33	280	1.018
10	25.16	15.21	11.91	39.6	-194.1	0.08	8.4	280	
15	25.18	15.29	11.92	39.4	-194.7	0.08	8.32	280	
20	25.98	15.33	11.92	39.4	-196.0	0.12	7.58	280	
25	26.12	15.48	11.92	39.6	-198.5	0.14	8.65	280	
30	26.32	15.55	11.92	39.7	-202.5	0.13	6.55	280	
* 35	26.42	15.81	11.92	39.7	-202.4	0.31 *	8.19	280	
* 40	26.45	16.05	11.92	39.3	-203.5	0.26	11.14	280	
* 45	26.42	16.05	11.92	39.8	-200.6	0.68	10.12	280	
* * 55	26.65	15.05	11.95	39.9	-204.6	0.06	14.8	200	
60	26.7	15.60	11.95	38.6	-207.8	0.08	6.20	200	
65	26.7	15.96	11.94	38.6	-212.8	0.04	4.32	200	
70	26.6	15.73	11.94	38.8	-210.9	0.05	3.88	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1153 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.005
Final Observations: Color: Clear Odor: No *Sheen/Free Product:* No

Sample ID: SB915-0331-01 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA0808
Other:			

Notes: * Tubing came off
* Finish low flow Pushed IPod log Restarted

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: SWB + CAH

Site Location: Camillus, NY | Pump Type Used: — | Date: 6-3-16

Project #: 1163.61104 | Pump/Controller ID#: — | Weather: Sun, 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 39.43 ft. bmp

Depth to Water*: 33.20 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: —

Initial Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
well	does	not	produce	enough	water				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: — gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: NA **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	—
Turbidity Meter:	LaMotte	2020we	—
Other:			

Notes: _____

APPENDIX B

3rd Quarter 2016 Groundwater Sampling Logs

O'BRIEN & GERE

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR
Northing:
Easting:

Site Name:
Site Location:
Project #:

Sampling Method: Low Flow
Equipment Used: Peristatic
Pump/Controller ID#: EA02646

Field Personnel: TBS
Date: 8/1/16
Weather: 70's Cloudy

Well information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 59.02 ft. bmp.
Depth to Water*: 3.3 ft. bmp.
Length of Water Column (LWC): ft.
Well Diameter: 55.72 in.

Well Volume Multipliers:

☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other:

Well Volume: 9.08 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 1217

Initial Observations: *Color* Clear *Odor* None *Sheen/Free Product* None

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (MS/CM)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
5	3.3	14.89	6.79	9.81	-78.2	0.07	29.4	500	1.006
10	3.3	14.78	6.80	9.81	-71.1	0.03	16.8	500	
15	3.3	14.49	6.81	9.80	-66.9	0.01	12.6	500	
20	3.3	14.68	6.81	9.80	-64.6	0.01	11.07	500	
25	3.3	14.56	6.81	9.83	-61.5	0.00	11.7	500	
30	3.3	14.52	6.81	9.81	-59.5	0.00	11.21	500	
35	3.3	14.25	6.82	9.77	-57.6	0.00	10.66	500	
40	3.3	14.11	6.81	9.80	-55.0	0.00	10.36	500	
45	3.3	14.11	6.81	9.79	-54.41	0.00	9.15	500	
50	3.3	14.12	6.81	9.76	-53.5	0.00	10.33	500	
55	3.3	14.56	6.82	9.72	-52.4	0.00	10.49	500	
	3.3	14.70	6.81	9.74	-518	0.00	10.41	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 1320

DO Titrataion = mg/L

Total volume of groundwater purged: 10 gal.

Final Observations: *Color* Clear *Odor* NO *Sheen/Free Product* NO

Specific Gravity 1.006

Analytical Sample ID: SB915-0322-01/02 **Date:** 8/1/16 **Time:** 1350

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory
FA00736	Turb				
FA0 1137	Insitu				

Notes: ~~MS~~ FD Taken

O'BRIEN & GERE

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S
Northing:
Easting:

Site Name: 9-15 | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: | Equipment Used: Peri | Date: 8-1-16
Project #: | Pump/Controller ID#: FAO 0651 | Weather: Humid, 80, cloud.

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 19.81 ft. bmp.
Depth to Water*: 5.42 ft. bmp.
Length of Water Column (LWC): ft.
Well Diameter: in.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☒ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: 2.3 gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:14
Initial Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity (ms/cm)	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
5	6.81	18.50	7.21	2.05	52.50	0.91	2.78	500	1.002
10	7.52	19.01	7.23	1.75	50.40	1.10	0.57	500	
15	8.30	18.93	7.22	1.62	52.90	1.19	0.17	500	
20	8.76	19.50	7.24	1.51	52.80	1.22	0.24	500	
25	9.30	19.59	7.23	1.41	53.90	1.17	1.49	500	
30	9.98	19.77	7.21	1.31	54.30	1.30	0.72	500	
35	10.67	19.41	7.29	1.32	50.20	1.30	0.38	500	
40	11.51	18.99	7.19	1.53	49.50	1.02	2.60	380	
45	12.11	18.61	7.18	2.00	50.40	0.79	2.22	380	
50	12.62	18.41	7.18	2.41	49.90	0.67	2.76	320	
55	12.81	18.88	7.19	2.70	49.40	0.61	1.82	230	
60	13.15	19.30	7.16	2.99	49.20	0.58	1.05	230	1.000
65	13.33	19.41	7.17	3.34	48.40	0.42	1.50	210	
70	13.58	18.77	7.15	3.70	46.60	0.31	1.81	210	
75	13.87	18.81	7.17	3.91	45.40	0.24	1.00	210	1.000
3 well	volumes	removed → sampling.							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 13:30
DO Titrataion = mg/L
Total volume of groundwater purged: 7.5 gal.
Final Observations: *Color* clear *Odor* NO *Sheen/Free Product* NO
Specific Gravity 1.000

Analytical Sample ID: SB915-0322-03 **Date:** 8-1-16 **Time:** 14:15

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

O'BRIEN & GERE

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I
Northing:
Easting:

Site Name: 9-15
Site Location:
Project #:
Sampling Method: Low-Flow
Equipment Used:
Pump/Controller ID#:
Field Personnel: DMR
Date: 8/1/16
Weather:

Well information:
Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 44.73 ft. bmp.
Depth to Water*: 9.74 ft. bmp.
Length of Water Column (LWC): ft.
Well Diameter: in.

Well Volume Multipliers:
☐ 1 in. = 0.041 gal/ft
☑ 2 in. = 0.163 gal/ft
☐ 4 in. = 0.653 gal/ft
☐ 6 in. = 1.469 gal/ft
☐ 8 in. = 2.611 gal/ft

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

Start Purge Time: 12:30
Initial Observations: *Color* *Odor* *Sheen/Free Product*

indicate units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (Celcius)	pH (SU)	Specific Conductivity ( )	ORP (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)	Other ( )
5	11.37	15.28	7.99	~~6.103~~ 3.6	-22.60	0.13	12.6	440	
10	12.73	14.16	7.44	6.10	-43.60	.07	27.1		
15	11.81	14.09	7.13	20.10	-48.20	.05	20.4	500	
20	11.94	14.07	7.23	23.40	-57.80	.04	9.25	500	1.014
25	12.02	14.24	7.21	28.30	-61.50	.03	4.97	500	
30	12.09	14.03	7.22	31.00	-62.40	.03	4.21	500	
35	12.13	14.25	7.22	32.70	-63.30	.03	2.06	500	
40	12.17	14.48	7.16	37.10	-62.80	.02	2.84	500	
45	12.22	14.07	7.16	38.50	-60.40	.02	1.58	500	
50	12.28	13.86	7.15	39.60	-58.10	.02	1.24	500	1.022
55	12.24	13.80	7.14	41.30	-56.00	.02	1.02	500	
60	12.30	13.93	7.13	42.40	-55.20	.02	1.75	500	
65	12.33	14.30	7.12	43.10	-54.80	.01	2.71	500	
70	12.34	14.62	7.11	44.40	-54.60	.01	2.73	500	
75	12.34	14.12	7.11	45.30	-53.70	.01	3.59	500	
80	12.34	14.03	7.10	46.10	-53.10	.01	3.21	500	
85	12.35	14.03	7.10	46.80	-52.80	.01	1.87	500	
90	12.36	14.02	7.09	47.50	-52.70	.02	1.65	500	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 13:50
DO Titrataion = mg/L
Total volume of groundwater purged: 15 gal.
Final Observations: *Color* Clear *Odor* No *Sheen/Free Product* No
Specific Gravity 1.026

Analytical Sample ID: SB915-0832-04 **Date:** 8/1/16 **Time:** 14:10

Container Size	Container Type	# Collected	Field Filtered?	Preservative	Laboratory

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/2/16

Project #: 1163.~~61104~~ 63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 90.98 ft. bmp

Depth to Water*: 9.27 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:38

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0								~~5~~	
5	9.65	13.13	7.02	25.43	-81.30	0.02	25.3	500	1.014
10	9.74	13.04	6.97	25.79	-75.90	0.00	52.0	500	
15	9.81	12.95	6.86	38.17	-83.90	0.00	41.2	500	
20	9.80	12.97	6.91	48.80	-75.40	0.00	23.6	500	1.026
25	9.82	13.05	6.93	50.84	-76.20	0.00	18.6	500	
30	9.82	12.97	6.92	51.88	-76.80	0.00	17.3	500	
35	9.82	13.13	6.91	52.21	-75.40	0.00	14.6	500	1.028
40	9.83	13.06	6.90	52.45	-70.90	0.00	10.91	500	
45	9.83	13.08	6.89	52.40	-68.80	0.00	8.97	500	
50	9.83	12.92	6.88	52.84	-66.60	0.00	6.36	500	1.030
55	9.83	13.04	6.87	52.98	-64.40	0.00	5.77	500	
60	9.83	13.13	6.85	53.16	-62.90	0.00	4.85	500	
65	9.83	13.07	6.85	53.29	-61.20	0.00	5.01	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:43 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.032

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0333-01,02,03 (MS,MSD) **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/2/16
Project #: 1163.~~61104~~ 63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.02 ft. bmp
Depth to Water*: 11.62 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:47

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.15	16.26	6.46	33.60	27.60	0.11	8.83	300	1.020
10	13.83	16.02	6.42	33.70	35.30	0.06	5.05	300	
15	14.22	16.15	6.42	33.60	29.20	0.05	6.74	300	
20	14.68	15.98	6.41	33.80	6.10	0.08	8.29	300	
25	14.94	16.40	6.41	33.80	-4.60	0.15	8.69	200	1.020
30	15.01	16.67	6.41	33.90	-9.10	0.17	6.72	200	
35	15.00	16.76	6.41	33.90	-9.40	0.17	4.23	200	
40	15.04	16.52	6.40	34.00	-13.60	0.12	1.42	220	
45	15.24	16.58	6.41	33.90	-20.50	0.11	1.06	220	
50	15.54	16.55	6.41	33.70	-18.90	0.13	1.23	220	
55	15.82	16.94	6.41	33.50	-6.60	0.18	1.17	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:42 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.020

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0333-04 **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01335
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/2/16
Project #: 1163.~~61104~~ 63443 | Pump/Controller ID#: | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 6.42 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0945
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.35	19.09	6.77	18.82	-84.90	0.07	15.3	300	1.012
10	7.61	19.00	6.75	22.03	-78.60	0.21	15.6	200	
15	7.83		~~6.79~~				17.0	200	
20	8.09	18.87	6.74	24.84	-70.60	0.18	11.4	200	
25	8.25	18.68	6.73	25.05	-66.80	0.17	11.5	200	
30	8.43	18.68	6.72	25.28	-64.30	0.17	12.1	200	
35	8.60	18.56	6.73	24.52	-62.60	0.16	25.3	200	
40	8.80	18.28	6.73	23.43	-58.50	0.16	13.2	200	
45	8.92	18.17	6.72	25.01	-57.40	0.10	11.8	200	
50	9.14	17.89	6.70	28.83	-59.40	0.05	9.65	200	
55	9.27	17.31	6.68	35.35	-64.20	0.02	12.2	200	
60	9.40	16.61	6.73	33.94	-67.80	0.00	7.28	200	
65	9.42	17.56	6.71	31.67	-60.40	0.03	4.44	200	
70	9.45	15.73	6.70	34.77	-63.20	.35		~~100~~	
80	9.35	18.69	6.81	15.16	-33.10	2.10	12.9	200	
85	9.55	18.44	6.79	16.19	-31.40	.07	2.68	200	
90	9.75	~~18~~.12	6.75	20.83	-35.70	.03	3.72	200	
95	9.91	18.02	6.73	24.10	-36.2	.02	3.19	200	
100	9.90	17.43	6.68	29.03	-36.2	.02	3.59	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1141 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0333-05 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: DMR | Date: 8-2-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
110	10.6	18.27	6.69	30.76	-42.50	0.00	4.39	200	
115	10.0	18.15	6.70	30.65	-42.90	0.01	3.44	200	
120	10.01	18.20	6.70	30.67	-42.60	0.02	2.96	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JDMC

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/2/16

Project #: 1163.~~61104~~63443 | Pump/Controller ID#: / | Weather: 80's sunny

Well Information:

Installed Depth of Well*: ~~[illegible]~~ ft. bmp

Measured Depth of Well*: 36.37 ft. bmp

Depth to Water*: 7.65 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1306

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~7~~.63	12.38	6.88	11.10	-47.50	.02	2.59	500	1.008
10	7.63	12.22	6.87	11.20	-45.10	.01	3.14	500	
15	7.64	12.17	6.86	11.30	-44.40	.01	3.19	500	
20	7.64	12.11	6.86	11.20	-43.50	0.00	2.89	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1340 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.0006

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0333-06 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/3/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 4.08 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0900

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.58	14.64	7.06	64.40	42.00	0.08	8.61	500	1.032
10	9.42	15.05	6.96	64.60	31.10	0.04	5.47	400	
15	9.80	15.48	6.93	65.00	27.90	0.05	3.97	400	
20	10.18	15.14	6.89	66.00	29.00	0.06	2.76	400	
25	10.40	15.10	6.87	66.40	29.70	0.07	2.46	400	
30	10.65	14.96	6.85	66.60	29.40	0.05	1.88	400	
35	10.86	14.89	6.83	66.70	27.80	0.04	2.87	400	
40	10.91	14.75	6.81	68.00	25.80	0.04	2.82	400	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0940 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.032

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0334-01 **Sample Time:** 1010

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/3/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 8.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1025
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.32	13.57	7.02	11.60	-6.00	-0.01	41.5	500	1.006
10	8.25	13.77	6.96	11.60	-6.20	-0.01	23.9	500	
15	8.30	14.58	6.96	11.50	-8.40	-0.01	24.0	500	
20	8.40	13.54	6.97	11.50	-8.60	-0.02	29.1	500	
25	8.37	13.67	6.94	11.50	-10.10	-0.02	17.3	500	
30	8.37	14.04	6.93	11.50	-10.90	-0.02	13.1	500	
35	8.37	14.16	6.93	11.50	-10.50	-0.02	9.63	500	
40	8.37	14.40	6.92	11.50	-10.70	-0.02	10.79	500	
45	8.38	13.65	6.93	11.50	-3.00	1.40	10.94	500	
50	8.40	13.17	6.93	11.50	13.10	2.84	7.82	500	
55	8.40	13.40	6.94	10.70	21.20	3.09	5.75	500	
60	8.40	13.67	6.98	11.50	23.20	3.60	7.41	500	
65	8.40	13.51	6.97	12.00	24.90	3.39	4.09	500	
70	8.40	13.40	6.97	11.30	24.30	3.26	3.47	500	
★ 75	8.40	13.31	6.97	11.00	24.50	3.17	2.90	500	
80	8.40	13.58	6.94	11.40	0.70	0.02	4.90	500	
85	8.40	13.66	6.94	11.40	-0.40	0.00	3.28	500	
90	8.40	13.71	6.94	11.40	-1.50	-0.00	3.21	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1206 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0334-02 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ★ iPod reset - LowFlow log restarted

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/3/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 11.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1345

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.82	14.49	7.90	136.60	-93.30	0.12	65.0	500	1.072
10	11.82	14.50	7.59	136.60	-67.40	0.09	84.0	500	
15	11.85	14.37	7.40	136.30	-53.90	0.07	47.4	500	
20	11.85	14.13	7.27	136.00	-45.60	0.06	25.0	500	
25	11.83	14.33	7.19	135.60	-41.10	0.06	21.4	500	
30	11.83	14.49	7.11	136.50	-38.00	0.05	12.2	500	
35	11.83	14.33	7.06	136.10	-35.50	0.05	10.55	500	
40	11.83	14.05	7.03	135.90	-33.30	0.04	6.85	500	
45	11.83	14.06	6.99	136.40	-31.90	0.04	7.38	500	
50	11.83	14.39	6.96	135.90	-30.90	0.03	6.33	500	1.074
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1440 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.074

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0334-03 **Sample Time:** 1505

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-3-16
Project #: 1163.~~61104~~ 63443 | Pump/Controller ID#: FA02645 | Weather: Sun, 85°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.97 ft. bmp
Depth to Water*: 8.79 ft.
Length of Water Column: 17.18 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.8 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:40

Initial Observations: Color: clear-slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.01	17.62	6.82	12.16	11.60	0.10	17.3	340	1.004
10	10.85	16.50	6.81	12.20	12.50	0.07	18.8	340	
15	11.56	16.16	6.81	12.50	14.50	0.05	23.1	340	
20	11.90	15.78	6.81	12.60	15.10	0.04	46.7	340	
25	12.23	15.69	6.81	12.60	11.70	0.04	85.3	340	
30	12.55	15.59	6.83	12.30	3.70	0.04	93	340	1.004
35	12.72	15.33	6.85	11.90	-3.70	0.03	789 AV	340	
40	12.81	15.29	6.90	11.30	-18.80	0.03	2364 AV	340	
45	12.88	15.33	6.93	10.90	-24.90	0.02	2610 AV	340	
50	12.94	15.22	6.94	10.70	-27.10	0.03	1702 AV	340	
55	13.00	15.13	6.96	10.60	-30.30	0.03	1454 AV	340	
60	13.05	15.26	6.97	10.40	-34.40	0.02	1270 AV	340	1.006
65	13.09	15.22	6.98	10.30	-35.50	0.02	1269 AV	340	
70	13.12	15.21	6.98	10.30	-36.80	0.02	1243 AV	340	
75	13.15	15.20	6.99	10.20	-39.80	0.02	1053 AV	340	
80	13.17	15.43	7.00	10.20	-40.00	0.01	741 AV	340	
85	13.19	15.46	7.00	10.10	-41.70	0.02	620 AV	340	
90	13.21	15.28	7.01	10.10	-42.90	0.02	115 NV	340	1.004
95	13.23	15.26	7.01	10.00	-43.80	0.01	118	340	
100	13.25	15.24	7.02	10.00	-44.23	0.02	103	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:20 Total volume of groundwater purged: 16 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: white-sandy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0334-04 **Sample Time:** 13:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA Project #: 1163.~~61104~~ 63043 Field Personnel: CAH Date: 8-3-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	13.28	15.30	7.02	9.90	-45.00	0.01	151	340	
110	13.28	15.46	7.03	9.90	-45.90	0.01	135	340	
115	13.30	15.42	7.03	9.90	-45.60	0.01	120	340	
120	13.32	15.47	7.04	9.80	-47.10	0.01	157	340	
125	13.33	15.46	7.04	9.80	-47.40	0.01	669AV	340	
130	13.35	15.22	7.04	9.80	-47.80	0.01	697AV	340	1.004
135	13.37	15.42	7.05	9.80	-49.00	0.01	721AV	340	
140	13.38	15.47	7.05	9.80	-49.30	0.01	718AV	340	
145	13.38	15.39	7.05	9.80	-49.40	0.01	653AV	340	
150	13.38	15.19	7.05	9.80	-49.50	0.01	636AV	340	
155	13.38	15.39	7.05	9.80	-50.60	0.01	669AV	340	
160	13.39	15.42	7.05	9.70	-51.00	0.01	655AV	340	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/4/16
Project #: 1163.63443 | Pump/Controller ID#: FA0615 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 122.34 ft. bmp
Depth to Water*: 17.84 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0950
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.92	13.79	6.07	129.70	-12.90	0.08	7.01	500	1076
10	17.92	13.74	6.09	130.80	-14.20	0.07	5.43	500	
15	17.92	13.79	6.11	131.20	-7.30	0.05	6.63	500	
20	17.92	13.96	6.12	130.80	-1.80	0.05	4.96	500	
25	17.92	14.02	6.13	130.90	2.60	0.04	6.86	500	
30	17.92	13.79	6.13	130.70	6.40	0.04	5.78	500	
35	17.92	13.84	6.14	131.00	8.90	0.04	5.00	500	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1025 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.078
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0335-01 **Sample Time:** 1055

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/4/16
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.75 ft. bmp
Depth to Water*: 19.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft.
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1120
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.95	14.11	6.81	32.00	-40.40	0.04	30.9	500	1.018
10	19.95	14.02	6.77	33.50	-45.50	0.03	12.8	500	
15	19.95	14.02	6.77	33.40	-49.20	0.02	11.4	500	
20	19.95	14.10	6.76	33.50	-51.40	0.02	9.00	500	
25	19.95	14.21	6.75	33.30	-51.90	0.01	9.81	500	
30	19.95	14.06	6.75	33.50	-52.10	0.01	9.26	500	
35	19.95	14.02	6.75	33.30	-51.90	0.01	9.60	500	
40	19.95	14.09	6.75	33.20	-51.40	0.01	6.81	500	
45	19.95	14.08	6.74	33.30	-51.60	0.01	6.29	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1205 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0335-02 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/4/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 61.80 ft. bmp
Depth to Water*: 19.05 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:01
Initial Observations: Color: Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.07	13.43	6.39	88.80	-44.30	0.04	51.7	500	1.048
10	19.06	12.97	6.42	88.40	-49.20	0.02	24.3	500	
15	19.06	12.93	6.42	88.70	-51.00	0.01	12.9	500	
20	19.06	12.93	6.42	88.50	-51.50	0.01	8.55	500	
25	19.06	12.84	6.43	88.90	-50.90	0.00	8.29	500	1.048
30	19.06	12.89	6.43	88.60	-50.20	0.00	6.76	500	
35	19.06	12.92	6.43	88.60	-49.70	0.00	6.14	500	
40	19.06	12.84	6.42	88.40	-49.40	0.00	6.56	500	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:41 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.048
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0335-03 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-705

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/4/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.30 ft. bmp
Depth to Water*: 18.08 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:02
Initial Observations: Color: Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.10	13.65	6.88	19.00	-66.00	0.03	49.1	500	1.010
10	18.11	13.02	6.87	19.20	-63.50	0.01	21.1	500	
15	18.11	13.02	6.87	19.10	-62.0	0.00	9.23	500	
20	18.11	12.98	6.86	18.90	-60.70	0.00	5.22	500	1.008
25	18.11	13.04	6.86	18.90	-60.10	0.00	3.67	500	
30	18.11	13.16	6.86	18.80	-59.60	0.00	2.19	500	
35	18.11	13.04	6.86	18.86	-58.70	0.00	1.85	500	
40	18.11	13.02	6.85	18.80	-58.20	0.00	1.54	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:42 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-~~0335~~-04 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-59S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low-Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	PSI	Date:	8.4.16
Project #:	1163.63443	Pump/Controller ID#:		Weather:	~85°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 12.65 ft.
Length of Water Column: 9.05 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.47 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

BOML

Start Purge Time: 1125

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0	12.65	19.95	6.94	21,304	-145.9	0.00	—	500	1.012
~~5~~	12.7	15.03	7.19	17457	-181.8	0.00	80.4	500	
10	12.7	14.77	7.31	12,314	-199.4	0.00	34.5	500	
15	12.7	14.58	7.32	15,766	-205.8	0.00	15.8	500	
20	12.7	14.71	7.39	17,032	-203.5	0.00	9.49	500	
25	12.7	14.60	7.42	14,976	-215.2	0.00	7.16	500	
30	12.7	14.38	7.48	20,409	-208.7	0.00	5.50	500	
35	12.7	14.42	7.41	15,506	-225.9	0.00	4.63	500	
40	12.7	14.54	7.46	19,204	-212.0	0.00	4.41	500	
45	12.7	14.28	7.47	20,026	-228.6	0.00	3.91	500	
50	12.7	14.32	7.43	22,338	-236.9	0.00	2.98	500	
55	12.7	14.51	7.51	12,780	-243.3	0.00	3.22	500	
60	12.7	14.60	7.48	11,113	-227	0.00	3.19	500	
65	12.7	14.58	7.59	21,572	-219.1	0.00	3.25	500	
70	12.7	14.76	7.50	13,374	-246.8	0.00	3.15	500	
75	12.7	15.01	7.49	1,544.3	-226	0.00	3.33	500	
80	12.7	14.85	7.60	15,743	-248	0.00	3.20	500	
Smart Troll		16.98	7.06	21,860.2	-73.4	2.32			
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1147 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.012

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0335-0445 **Sample Time:** 1305

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA02562
Turbidity Meter:	LaMotte	2020we	
Other:			

Aquatroll

Notes: Sample was taken After 10 well volumes. Smart troll Reading taken At End of Purge to try to verify the Aqua troll data

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/8/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 29.7 ft.
Length of Water Column: 50.15 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 8.17 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:26
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
* 5	29.85	14.06	6.59	35.10	-35.6	0.28	16.0	200	1.020
10	29.86	13.61	6.55	35.9	-35.8	0.46	13.7	200	
15	29.85	13.48	6.55	35.6	-34.3	0.31	11.28	200	
20	29.85	13.34	6.53	36.1	-31.5	0.21	9.12	200	
25	29.8	13.74	6.51	36.6	-29.6	0.01	8.03	200	
30	29.8	13.89	6.50	38.3	-28.5	1.00	12.1	200	
35	29.8	14.45	6.49	40.10	-28.5	1.09	15.5	200	
40	29.8	14.43	6.49	40.5	-27.4	1.22	12.4	~~200~~ 110	1.022
45	29.8	14.53	6.48	42.3	-27.4	1.72	13.0	110	
50	29.8	14.43	6.48	41.9	-26.8	1.71	10.19	110	
55	29.8	14.34	6.47	42.6	-26.0	1.27	13.0	110	
60	29.8	14.47	6.47	42.5	-26.4	1.82	8.79	110	
65	29.8	13.70	6.47	42.3	-27.3	0.10	4.48	110	
70	29.8	14.45	6.46	43.9	-28.5	0.16	5.04	110	
75	29.8	14.92	6.44	44.3	-26.7	0.15	3.51	110	
80	29.8	13.93	6.46	42.7	-25.3	0.11	2.63	110	
85	29.8	13.77	6.45	46.0	-25.7	0.08	1.91	110	
90	29.8	13.61	6.46	44.8	-24.8	0.08	1.87	110	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:56 Total volume of groundwater purged: 4 gallon(s). **Specific Gravity:** 1.022
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0336-01 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * pump is Cavotating Attempting to lowFlow

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-012

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH, TBP, MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/18/16
Project #: 1163.63443 | Pump/Controller ID#: FAO 2645 | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 72.40 ft. bmp
Depth to Water*: 26.78 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:51
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
				circle units					
5	26.98	12.38	7.16	1.50	-50.00	0.37	4.19	500	1.000
10	26.98	12.25	7.12	1.50	-45.10	0.07	9.08	500	
15	26.98	12.24	7.11	1.50	-42.20	0.05	6.04	500	
20	26.98	12.22	7.09	1.50	-40.60	0.04	4.21	500	
25	26.98	12.15	7.09	1.50	-39.40	0.04	4.67	500	
30	26.98	12.33	7.08	1.50	-39.00	0.03	3.32	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:21 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0336-02 **Sample Time:** 14:40

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1137
Turbidity Meter:	LaMotte	2020we	FAO0111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peri. | Date: 8/19/16

Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 65.70 ft. bmp

Depth to Water*: 9.26 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:20

Initial Observations: *Color:* Cloudy *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.23	12.65	6.91	86.30	-11.70	0.12	57.5	480	1.044
10	9.23	12.25	6.87	84.90	-18.30	0.09	21.8	500	
15	9.23	12.11	6.87	84.80	-18.40	0.05	8.24	500	
20	9.23	12.17	6.86	84.80	-21.00	0.12	11.1	500	
25	9.23	12.18	6.86	84.50	-22.30	0.04	6.22	500	
30	9.23	12.21	6.84	87.10	-24.30	0.03	10.20	500	1.046
35	9.23	12.21	6.84	84.40	-23.30	0.03	5.48	500	
40	9.23	12.18	6.83	84.50	-23.40	0.03	4.08	500	
45	9.23	12.14	6.82	84.80	-23.46	0.03	4.73	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.046

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0337-01 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/9/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 24.35 ft. bmp
Depth to Water*: 8.96 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0919
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.97	12.24	6.00	61.70	-61.90	0.10	82.2	460	1.056
10	9.92	11.82	6.17	48.30	-76.50	0.09	65.3	460	
15	9.92	11.74	6.28	40.10	-83.20	0.06	38.0	460	
20	9.92	11.73	6.37	33.80	-87.10	0.06	29.0	460	
25	9.92	11.87	6.34	36.10	-84.50	0.05	23.8	460	
30	9.92	11.82	6.40	32.10	-87.70	0.05	17.3	460	
35	9.75	11.92	6.44	29.70	-87.90	0.04	11.5	460	
40	9.75	11.89	6.46	27.50	-88.80	0.04	11.1	460	
45	9.75	11.87	6.47	27.60	-88.30	0.04	10.88	460	
50	9.75	11.92	6.49	25.90	-88.90	0.03	9.66	460	
55	9.75	11.96	6.49	26.00	-88.90	0.03	8.40	460	
60	9.75	11.94	6.51	25.10	-88.70	0.03	6.73	460	
65	9.75	11.96	6.53	23.10	-89.70	0.03	7.65	460	
70	9.75	12.04	6.52	24.20	-88.50	0.03	6.22	460	1.012
75	9.75	12.04	6.52	24.20	-88.10	0.03	6.27	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1034 Total volume of groundwater purged: 16 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0337-02 **Sample Time:** 1052

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/9/16

Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: 80's sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 58.7 ft. bmp

Depth to Water*: 17.35 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1129

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.43	13.83	6.10	78.70	22.50	0.10	8.71	460	1.044
10	17.43	13.40	6.11	79.00	21.80	0.04	10.86	460	
15	17.43	13.12	6.12	79.20	20.80	0.03	10.85	460	
20	~~17.43~~ 17.38	13.38	6.12	79.00	20.40	0.03	6.38	460	
25	17.43	13.06	6.11	78.50	21.10	0.01	5.37	460	
30	17.43	13.29	6.11	78.20	20.70	0.01	3.89	460	1.042
35	17.43	13.32	6.12	77.90	20.70	0.01	5.11	460	
40	17.43	13.14	6.12	77.90	20.90	0.01	3.51	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1209 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1042

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0337-03 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/9/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 99.15 ft. bmp
Depth to Water*: 9.37 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:51

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.42	13.40	6.55	121.30	11.50	0.04	5.99	500	1.070
10	9.42	12.88	6.55	123.40	7.50	0.02	9.42	500	
15	9.42	12.77	6.58	124.20	2.10	0.01	9.26	500	
20	9.42	12.76	6.57	124.00	-1.50	0.00	7.05	500	
25	9.42	12.69	6.58	124.30	-4.10	0.00	6.76	500	1.072
30	9.42	12.71	6.58	124.66	-5.80	0.00	6.87	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:21 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.072

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0337-04 **Sample Time:** 11:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00752
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/10/16
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: Overcast/Rain, 80's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 4.27 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1019
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.33	15.78	11.73	43.10	-124.60	0.03	4.79	500	1018
10	4.33	16.00	11.74	43.00	-129.20	0.03	4.84	500	
15	4.33	16.01	11.75	43.10	-132.00	0.02	4.14	500	
20	4.33	15.93	11.76	43.30	-133.60	0.01	3.04	500	
25	4.33	15.85	11.77	43.20	-133.60	0.01	2.75	500	
30	4.33	15.85	11.78	43.50	-133.70	0.00	1.80	500	
35	4.33	15.90	11.78	43.40	-134.10	0.00	1.38	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1054 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0338-01, 02, 03 (MS, MSD) **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-10-16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: Humid, Cloudy, 85, rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.32 ft. bmp
Depth to Water*: 17.14 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:09
Initial Observations: Color: clear Odor: waste Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.24	13.77	7.25	39.57	-34.70	0.04	9.88	500	1.018
10	20.98	14.22	7.30	39.51	-89.50	0.03	8.8	500	
15	21.24	13.95	7.33	38.22	-93.00	0.49	14.1	500	
20	21.85	14.42	7.30	35.90	-101.30	0.05	13.8	500	
25	21.83	14.72	7.27	33.96	-104.00	0.01	11.5	~~500~~ 380	
30	22.07	14.44	7.23	31.90	-102.80	0.00	8.71	380	1.014
35	22.07	14.57	7.20	30.56	-102.30	0.00	7.65	300	
40	21.98	14.54	7.17	29.57	-101.90	0.00	7.31	280	
45	21.87	14.61	7.16	28.90	-101.80	0.00	5.31	280	
50	21.78	14.80	7.15	28.18	-101.40	0.00	3.93	280	
55	21.67	14.94	7.13	27.47	-100.50	0.00	3.28	280	1.012
60	21.58	14.88	7.12	26.91	-99.80	0.00	2.27	280	
65	21.52	15.12	7.10	26.79	-99.60	0.00	2.40	280	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:15 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: clear Odor: Yes - waste Sheen/Free Product: no

Sample ID: SB915-0338-04, 05 (FD) **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: * needs new flex tubing.
Flex tubing issues - replaced did not help.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow Purge/Sample | Field Personnel: MDN/DMR
Site Location: Camillus, NY | Pump Type Used: Peri. Purge/Sample | Date: 8/9/16 + 8/10/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun 80

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.2 ft. bmp
Depth to Water*: 15.28 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:23
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.80	16.42	7.38	11.80	49.70	0.46	6.11	120	1.006
10	15.86	17.73	7.42	11.70	51.30	0.68	12.0	140	
15	16.01	16.86	7.44	11.70	53.30	1.33	7.67	100	
20	16.27	16.82	7.48	11.70	55.00	1.07	6.13	~~140~~ 220	
25	16.68	14.43	7.46	12.00	53.00	0.95	6.08	180	
30	16.89	15.21	7.49	12.30	52.10	0.94	3.77	110	
35	16.89	16.74	7.52	12.40	52.00	1.27	3.63	110	
40	16.94	16.53	7.50	12.60	51.50	1.19	5.19	110	
45	17.06	16.64	7.51	12.70	51.10	1.43	6.39	110	
50	17.19	16.75	7.53	12.90	51.00	1.13	5.72	110	
Purging Dry → 55	18.24	13.77	7.49	12.80	48.70	1.32	5.06	300	
60	18.94	14.22	7.50	13.00	46.10	1.98	6.94	300	1.006
65	19.4	14.28	7.53	13.80	43.70	2.76	7.46	300	1.006
* 70	19.82	13.98	7.56	13.80	42.90	3.70	69.2	300	
8/10/16 12:30	15.28	20.39	8.14	10.98	144.8	6.03	8.52		1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: — gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* light brown *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-~~0337-05~~ 0338-06 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: * well Purged Dry.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH+DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/10/16
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: 80's, humid, sun

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.82 ft. bmp
Depth to Water*: 12.26 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:45

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.35	14.56	6.45	12.70	-94.20	0.08	25.3	500	1.004
10	12.35	14.15	6.43	12.00	-87.60	0.06	12.32	500	
15	12.35	14.02	6.41	11.80	-81.40	0.07	7.65	500	
20	12.35	13.90	6.40	11.70	-79.50	0.06	5.97	500	
25	12.35	13.81	6.39	11.60	-77.60	0.05	5.97	500	
30	12.35	13.86	6.39	11.50	-76.10	0.05	3.17	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1415 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0338-07 **Sample Time:** 1430

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-11-16
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: Hot, 90, humid

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 64.91 ft. bmp
Depth to Water*: 29.90 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:56

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.95	12.79	7.11	0.90	-102.50	0.07	8.95	500	1.002
10	29.95	12.61	7.09	1.00	-101.20	0.05	4.98	500	
15	29.95	12.65	7.09	1.00	-100.00	0.04	3.07	500	
20	29.95	12.65	7.07	1.10	-98.20	0.04	2.22	500	
25	29.95	12.70	7.08	1.10	-95.30	0.03	1.98	500	
30	29.95	12.70	7.07	1.10	-93.20	0.03	1.39	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:26 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0339-01 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/11/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: Sun 80°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 96.5 ft. bmp
Depth to Water*: 24.14 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 9:54

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.12	14.87	7.05	3.00	10.70	0.06	3.41	340	1.002
10	26.11	15.77	7.09	3.00	0.20	0.07	5.28	340	
15	26.30	15.04	7.06	3.00	-8.70	0.04	9.42	340	
* ~~20~~	~~26.44~~								
* ~~25~~									
30	26.39	14.67	7.05	3.00	-8.40	0.13	7.16	340	1.002
35	26.78	14.44	7.04	3.10	-13.40	0.07	5.39	340	
40	26.94	14.44	7.06	3.00	-15.10	0.07	4.08	340	
45	27.03	14.35	7.07	3.00	-15.60	0.06	4.96	340	
50	27.09	14.37	7.05	3.10	-15.30	0.05	5.56	340	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:44 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0339-02 **Sample Time:** 11:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: * Flex tubing issue, tubing was replaced and flow rate was reset.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH, MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/11/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: Sun 90°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 30.10 ft. bmp
Depth to Water*: 4.11 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:02

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.92	17.82	7.00	8.70	-78.80	0.04	3.58	500	1.004
10	5.08	17.72	6.98	9.10	-83.70	0.03	1.98	500	
15	5.08	17.51	7.00	9.30	-85.90	0.03	1.67	500	
20	5.08	17.81	7.00	9.30	-87.20	0.02	1.66	500	
25	5.08	17.62	6.98	9.30	-87.70	0.01	1.40	500	
30	5.08	17.21	6.97	9.30	-88.40	0.01	1.12	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:32 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0339-03 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: — | Date: 8-11-16

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ____

Well Information:

Installed Depth of Well*: ____ ft. bmp

Measured Depth of Well*: 27.15 ft. bmp

Depth to Water*: 26.03 ft.

Length of Water Column: 1.12 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: ____ gal.

Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: ____

Start Purge Time: ____

Initial Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well	does not produce enough to low flow								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* ____

Final Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: NA **Sample Time:** ____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WR-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-12-16
Project #: 1163.63443 | Pump/Controller ID#: FA0615 | Weather: Hot, Humid, 90

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 9.81 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:43
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.89	15.14	6.46	21.00	-53.80	0.09	1.71	500	1.010
10	9.89	14.64	6.48	21.20	-35.60	0.05	1.54	500	
15	9.90	14.73	6.48	21.40	-28.40	0.05	0.76	500	
20	9.90	14.60	6.49	21.40	-24.00	0.04	0.49	500	
25	9.90	14.38	6.50	21.30	-20.30	0.03	1.09	500	
30	9.90	14.38	6.50	21.40	-17.70	0.03	1.35	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:13 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: clear Odor: NV Sheen/Free Product: NV

Sample ID: SB915-0340-01 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8-12-16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: ~85°F Sun/Humid

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 10.91 ft.
Length of Water Column: 68.73 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0944
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.99	15.38	6.83	83.80	24.20	0.22	4.66	430	1.046
10	10.99	14.84	6.75	83.80	19.00	0.08	2.61	430	
15	10.99	14.85	6.72	84.50	14.30	0.05	1.62	430	
20	10.99	14.63	6.71	84.80	12.20	0.04	1.38	430	
25	10.99	14.36	6.71	84.10	11.20	0.03	1.31	430	
30	10.99	14.43	6.69	83.80	10.30	0.03	1.09	430	
35	10.99	14.44	6.67	84.70	10.20	0.03	0.95	430	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1021 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.046
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0340-02 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-15-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Cloudy, humid, 80's

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 4.43 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:30
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.17	19.24	11.41	21.80	-173.80	0.03	2.97	500	1.010
10	5.20	19.26	11.43	21.90	-173.10	0.01	0.87	500	
15	5.20	19.36	11.43	21.90	-172.10	0.01	0.60	500	
20	5.20	19.26	11.43	21.70	-172.60	0.00	1.69	500	
25	5.20	19.26	11.43	21.80	-171.90	0.00	0.74	500	
30	5.20	19.30	11.43	21.80	-172.10	0.00	1.06	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0341-01 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA00456
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8.15.16
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: ~78°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 7.35 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1125

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.12	16.99	6.25	29.60	124.80	0.17	8.15	320	1.014
10	8.31	17.38	6.25	29.70	42.50	0.09	12.9	320	
15	8.77	17.97	6.34	29.40	-53.60	0.06	4.48	320	
20	8.88	18.06	6.37	29.20	-73.00	0.05	2.02	320	
25	9.20	18.10	6.38	29.00	-73.40	0.05	2.25	320	
30	9.55	18.04	6.39	28.50	-70.80	0.05	1.33	320	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1155 Total volume of groundwater purged: 35 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0341-02 **Sample Time:** 1240

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-065

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/15/16

Project #: 1163.63443 | Pump/Controller ID#: FA07645 | Weather: 80's Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.35 ft. bmp

Depth to Water*: 4.32 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1135

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.9	18.04	10.30	19.9	-4.10	0.03	2.59	500	1.008
10	4.9	18.16	10.52	19.3	-75.9	0.00	1.75	500	
15	4.9	18.22	10.62	19.4	-152.3	0.00	1.10	500	
20	4.9	18.20	10.67	19.4	-204.2	0.00	1.00	500	
25	4.9	18.18	10.72	19.50	-240.9	0.00	0.97	500	
30	4.9	18.18	10.74	19.70	-264.4	0.00	0.92	500	
35	4.9	18.16	10.77	19.8	-278.9	0.00	0.91	500	
40	4.9	18.20	10.79	19.99	-287.0	0.00	1.01	500	
45	4.9	18.18	10.81	20.10	-291.2	0.00	0.90	500	
50	4.9	18.24	10.83	20.20	-293.1	0.00	0.74	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1228 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.008

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0341-03 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: 8-15-16 ↺
Site Location: Camillus, NY | Pump Type Used: Peri | Date: QCAH R
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Cloudy, humid, 85

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 22.31 ft. bmp
Depth to Water*: 5.80 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:45
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.85	17.21	6.96	45.40	-24.60	0.11	10.74	500	1.020
10	8.55	17.16	6.60	43.70	-8.20	0.11	7.15	420	
15	8.95	17.03	6.46	45.70	0.00	0.09	4.65	440	
20	9.21	16.92	6.41	46.70	5.90	0.08	2.85	440	
25	9.42	16.90	6.38	47.00	10.30	0.07	3.49	440	
30	9.62	16.89	6.37	46.33	14.20	0.06	2.52	440	1.022
35	9.65	16.96	6.36	45.40	18.20	0.08	4.56	400	
40	9.71	16.86	6.36	45.00	21.00	0.08	5.98	400	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:25 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.022
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0341-04 **Sample Time:** 13:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA00456
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: Well was redeveloped between last quarter, New tubing installed.

Low Flow Groundwater Sampling Log

Well ID: SB915-Imw-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 8/15/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: 80's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 17.84 ft. bmp
Depth to Water*: 9.5 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1322 grayish
Initial Observations: Color: Clear Odor: None Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.6	17.36	8.78	6.20	-142.1	0.04	5.26	500	1.004
10	10.78	17.10	8.39	7.10	-141.6	0.03	9.44	500	
15	10.97	16.96	8.14	7.40	-144.7	0.03	9.36	500	
20	11.0	16.96	7.93	7.50	-144.2	0.03	9.62	500	
25	11.05	16.97	7.78	7.50	-144.2	0.03	8.20	500	
30	11.14	16.88	7.67	7.50	-143.5	0.04	6.73	500	
35	14.15	16.82	7.58	7.50	-142.1	0.05	5.15	500	
40	11.2	16.73	7.51	7.50	-140.2	0.05	4.94	500	
45	11.2	16.56	7.44	7.40	-138.2	0.06	4.07	500	
50	11.22	16.51	7.40	7.40	-137.2	0.06	3.64	500	
~~55~~	11.22	16.56	7.36	7.40	-136.1	0.06	3.52	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1418 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0341-05 **Sample Time:** 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: 7 gal Removed

Low Flow Groundwater Sampling Log

Well ID: WB 18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/16/16
Project #: 1163.63443 | Pump/Controller ID#: FA01202 | Weather: 80's Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 59.75 ft. bmp
Depth to Water*: 6.45 ft.
Length of Water Column: 53.3 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 8.69 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 920
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.25	15.64	6.12	59.3	-44.2	0.21	4.08	200	1.030
10	10.4	16.07	6.17	56.1	-45.6	0.08	5.39	200	
15	11	15.96	6.19	58.8	-45.7	0.05	5.69	200	
20	11.7	15.91	6.19	58.8	-45.4	0.04	6.45	200	
25	12.5	15.73	6.20	58.8	-44.7	0.02	11.4	200	
30	13.1	15.78	6.2	59.0	-43.6	0.02	14.1	200	
35	13.2	16.18	6.19	59.2	-44.0	0.03	14.0	140	
40	12.9	17.53	6.19	59.0	-44.7	0.04	18.4	140	
45	12.8	17.57	6.19	58.8	-43.7	0.04	17.4	140	
50	12.63	~~17.9~~ 17.35	6.19	58.6	-41.1	0.03	~~21.5~~ 18.9	140	
55	12.5	17.35	6.19	58.8	-40.3	0.03	21.6	140	
60	12.5	17.26	6.19	58.7	-38.7	0.03	26.6	140	
65	12.5	17.0	6.19	58.8	-37.5	0.02	22.7	140	
70	12.5	16.85	6.19	58.7	-36.3	0.02	23.7	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1037 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0342-01 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-16-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Humid, Cloudy, 85

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 11.51 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:28
Initial Observations: Color: Clear w/ precipitant Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.27	13.31	9.42	24.70	21.00	0.00	49.4	500	1.010
10	15.72	13.21	9.53	25.50	24.90	0.00	145	500	
15	15.86	13.58	9.51	27.60	-3.80	0.00	62	350	
20	15.94	13.67	9.53	27.70	-85.90	0.00	98.8	350	
25	16.00	13.92	9.52	27.90	-223.50	0.00	75.8	350	
30	16.00	14.05	9.48	28.00	-292.70	0.00	89.5	350	1.012
35	16.08	13.81	9.53	27.80	-316.80	0.00	46.4	350	
40	16.08	13.90	9.50	28.30	-322.40	0.00	56.3	350	
45	16.08	13.90	9.55	28.00	-357.40	0.00	37.7	350	
50	16.08	13.82	9.55	28.20	-367.10	0.00	37.4	350	
55	16.10	13.82	9.59	28.10	-375.30	0.00	36.2	350	
60	16.12	13.76	9.58	28.00	-376.90	0.00	33.1	350	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:28 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear w/ suspended solids Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0342-02 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: Sample precipates.

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8.16.16
Project #: 1163.63443 | Pump/Controller ID#: FA026415 | Weather: ~78°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 74.20 ft. bmp
Depth to Water*: 7.04 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1028
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.07	13.93	6.04	86.60	78.10	0.09	6.24	500	1.044
10	7.07	13.65	6.05	87.40	55.00	0.05	59.8	500	
15	7.07	13.58	6.06	87.80	45.00	0.05	34.0	500	
20	7.07	13.35	6.07	87.90	38.90	0.03	32.5	500	
25	7.07	13.33	6.08	88.20	32.50	0.04	20.8	500	
30	7.07	13.34	6.08	87.80	30.70	0.03	15.6	500	
35	7.07	13.34	6.09	88.00	29.10	0.03	14.3	500	
40	7.07	13.30	6.09	88.30	27.80	0.03	13.0	500	
45	7.07	13.29	6.09	87.90	26.80	0.03	12.3	500	
50	7.07	13.16	6.10	87.80	26.00	0.03	11.3	500	
55	7.07	13.18	6.10	88.20	25.20	0.02	8.96	500	
60	7.07	13.15	6.11	88.00	24.50	0.03	10.66	500	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1135 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.048
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0342-03 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-035

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-16-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Cloudy, Humid, 85

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.17 ft. bmp
Depth to Water*: 8.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:28
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.60	15.61	8.04	49.30	-113.50	0.04	15.7	410	1.026
10	10.42	15.48	7.59	46.30	-104.10	0.02	20.2	410	
15	11.40	15.56	7.32	45.30	-95.30	0.02	23.6	410	
20	11.74	15.52	7.14	45.10	-87.60	0.02	27.6	410	
25	12.12	15.45	7.02	45.10	-81.80	0.02	31.4	410	
30	12.48	15.73	6.93	46.50	-78.90	0.02	28.8	340	1.020
35	12.78	15.93	6.86	48.10	-78.20	0.02	17.9	340	
40	13.05	16.02	6.81	48.50	-78.30	0.03	12.9	340	
45	13.30	16.05	6.77	49.50	-77.50	0.02	8.40	340	
50	13.52	16.34	6.73	50.20	-77.40	0.02	6.33	340	
55	13.73	16.19	6.71	50.90	-76.50	0.02	5.48	340	
60	13.97	16.20	6.69	51.30	-76.00	0.02	5.14	340	
65	14.19	16.34	6.67	51.20	-75.60	0.02	4.61	340	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:33 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.024
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0342-04,05 (FD) BOD **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: BOD Sample.

Low Flow Groundwater Sampling Log

Well ID: SB915-WIB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/16/16
Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: ~83°F Sunkloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.80 ft. bmp
Depth to Water*: 8.72 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1220
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.80	14.20	6.14	90.90	8.30	0.04	19.6	500	1.050
10	8.80	14.24	6.15	91.20	5.70	0.02	12.8	500	
15	8.80	14.15	6.14	91.00	7.30	0.02	8.52	500	
20	8.80	14.02	6.14	91.20	8.60	0.01	6.27	500	
25	8.80	13.92	6.13	91.50	9.60	0.01	5.67	500	
30	8.80	14.11	6.13	91.00	10.40	0.01	5.18	500	
35	8.80	13.97	6.13	91.30	11.40	0.01	5.16	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1255 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.050
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0312-06 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: wB18 - MW - 14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/16/16
Project #: 1163.63443 | Pump/Controller ID#: FA0202 | Weather: 80's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 130.60 ft. bmp
Depth to Water*: 9.71 ft.
Length of Water Column: 120.89 ft.

Well Volume Multipliers:
x2 in. = 0.163 gal/ft
Well Volume: 19.71 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1222
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.78	14.89	6.48	189.0	-21.0	0.06	44.0	500	1.122
10	9.78	14.43	6.56	192.2	-27.7	0.03	30.3	500	
15	9.78	14.41	6.58	190.1	-24.0	0.02	21.7	500	
20	9.78	14.39	6.57	188.2	-19.5	0.02	22.9	500	
25	9.78	14.11	6.57	187.6	-16.2	0.01	20.1	500	
30	9.78	14.29	6.56	186.6	-14.2	0.01	17.1	500	
35	9.78	14.25	6.55	185.8	-12.4	0.01	14.8	500	
40 *	9.78	14.15	6.55	186.1	-10.7	0.01	14.6	500	
45	9.78	14.29	6.54	186.9	-8.2	0.01	14.2	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1309 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.114
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915 - 0342 - 01,05,09 (ms/msD) **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: *IPOD Did not Record Live Reading taken

Low Flow Groundwater Sampling Log

Well ID: SB915-WR-10U

Site Name: SB915 Closure / SCA | Sampling Method: ~~Purge Sample~~ Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/16/16

Project #: 1163.63443 | Pump/Controller ID#: FA02645 | Weather: ~84°F Sunny/clouds

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 19.10 ft. bmp

Depth to Water*: 9.08 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1321

Initial Observations: Color: Clear w/ black suspended solids Odor: Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0	9.08	22.07	10.39	47.54	-251.1	0.13		>500	1.028
3	11.50	14.29	7.89	55.01	-237.0	0.03		>500	
6	11.25	15.31	8.26	55.06	-257.0	0.01		440	
9	9.95	15.55	8.56	51.38	-231.2	0.22	24.1	500	
12	9.91	15.46	8.76	49.90	-217.3	0.21	18.3	500	
15	9.87	15.64	11.05	37.79	-199.60	0.18	13.1	500	
20	9.87	15.66	11.44	33.62	-114.20	0.16	7.33	500	
25	9.85	15.69	11.67	31.76	-106.20	0.31	4.58	500	
30	9.85	15.57	11.79	30.92	-103.60	0.48	4.28	500	
35	9.85	15.52	11.87	30.30	-101.20	0.77	3.94	500	
40	9.85	15.47	11.91	30.12	-101.00	0.96	3.72	500	
45	9.85	15.60	11.93	29.98	-101.50	1.15	4.82	500	
50	9.85	15.64	11.96	29.77	-101.30	1.36	3.11	500	
55	9.85	15.72	11.97	29.82	-100.20	1.52	3.35	500	
60	9.85	15.64	11.99	29.72	-99.60	1.67	3.39	500	
65	9.85	15.65	12.00	29.74	-98.70	1.87	3.59	500	
70	9.85	15.60	12.01	29.77	-98.00	2.02	3.81	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1431 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0342-10 **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09U

Site Name: SB915 Closure / SCA | Sampling Method: Bailer | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: — | Date: 8/16/16
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~80°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 14.40 ft. bmp
Depth to Water*: 13.00 ft.
Length of Water Column: 1.40 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: ____

Initial Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* ____

Final Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: ____ **Sample Time:** ____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/17/16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: Sunny 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.10 ft. bmp
Depth to Water*: 31.31 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:58
Initial Observations: Color: Light Cloud Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.51	13.82	9.77	67.31	0.60	0.18	38.7	330	1.034
10	32.58	13.61	10.00	66.72	-8.30	0.18	56.7	300	
15	32.58	13.54	10.15	67.93	-19.30	0.16	38.4	300	
20	32.61	13.09	10.22	69.77	-24.40	0.14	33.3	300	
25	32.63	13.45	10.30	71.00	-28.70	0.14	23.7	300	
30	32.67	13.49	10.34	71.68	-31.20	0.12	22.1	300	
35	32.68	12.97	10.35	72.23	-30.40	0.10	16.4	300	
40	32.68	13.29	10.39	72.76	-31.00	0.10	13.2	300	
45	32.68	13.26	10.40	73.41	-31.40	0.09	11.9	300	
50	32.68	13.35	10.42	73.33	-31.90	0.09	8.49	300	
55	32.68	13.12	10.42	73.42	-31.50	0.08	7.85	300	
60	32.68	13.15	10.43	73.68	-31.70	0.09	5.82	300	1.038
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:58 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.038
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0343-01 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/17/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 70's partly Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 38.31 ft.
Length of Water Column: ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1101
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	42.25	13.61	12.05	52.00	-185.0	0.25	28.9	400	1.026
10	43.5	13.34	12.07	52.3	-187.3	0.14	22.5	400	
15	45.64	13.11	12.08	52.3	-187.4	0.11	19.8	400	
* 20	46.53	13.05	12.09	52.6	-188.4	0.09	18.1	400	
* 25	48	12.88	12.10	54.8	-192.0	0.04	17.1	400	
30	49.22	13.11	12.08	56.30	-194.8	0.03	13.0	400	
35	50.1	13.20	12.07	58.20	-198.1	0.02	14.7	400	
40	50.65	13.15	12.06	61.5	-201.3	0.02	13.2	400	
45	51.4	12.93	12.07	61.6	-201.1	0.01	10.86	400	
50	51.25	13.34	12.03	66.7	-208.4	0.05	9.37	345	
55	51.33	13.55	12.01	68.3	-210.2	0.07	8.95	345	
60	51.45	13.66	12.02	66.4	-210.3	0.06	8.01	345	
65	51.4	13.53	12.00	71.0	-213.6	0.09	6.51	345	
65	51.61	13.68	12.00	70.3	-213.4	0.13	6.17	345	
70	51.65	13.83	11.98	72.6	-216.1	0.17	5.24	345	
75	52.7	13.59	12.0	71.9	-213.7	0.21	6.53	345	
80	52.8	13.70	11.98	74.1	-216.8	0.20	4.90	345	
85	51.9	13.77	11.98	73.5	-217.2	0.20	5.55	345	
90	52	13.73	11.97	75.3	-219.1	0.18	4.86	345	
95	52	13.67	11.97	76.4	-220.2	0.17	6.49	345	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1305 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.040
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0343-02 **Sample Time:** 13 40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: * Battery Pack on Insitu Died Replaced Batteries

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-PZ-070

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBR | Date: 8-17-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
100	52.1	13.75	11.96	77.3	-221.7	0.19	8.75	345	
105	52.2	13.75	11.96	77.5	-221.8	0.20	7.65	345	
110	52.3	13.75	11.96	78.2	-222.8	0.18	7.52	345	

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/17/16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sunny 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.15 ft. bmp
Depth to Water*: 17.19 ft.
Length of Water Column: 2.96 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:49
Initial Observations: *Color:* Cloudy *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.64	12.67	10.82	9.32	11.90	2.48	31.9	400	1.006
10	18.77	12.44	10.81	9.33	14.20	2.70	83.2	400	
15	19.55	12.76	10.93	9.30	16.10	7.45	97.9	300	
20	19.75	12.83	11.00	9.12	17.60	8.01	33.9	300	
25	19.95	12.79	11.03	8.11	19.40	8.93	55.7	300	1.004
30	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Dry

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: Well did not produce water, Purged Dry.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/18/16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: Sun 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 275.23 ft. bmp
Depth to Water*: 29.23 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:43
Initial Observations: *Color:* Cloudy *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.54	12.53	7.14	1.26	109.90	1.38	~~[illegible]~~	440	1.002
10	28.48	12.20	7.13	1.28	103.10	1.84	78	440	
15	28.31	12.15	7.13	1.30	102.40	1.94	105.4	440	
20	28.31	12.10	7.13	1.30	102.40	2.05	89.2	440	
25	28.29	12.10	7.12	1.30	102.90	2.29	75.1	440	
30	28.28	12.01	7.12	1.30	101.10	1.98	45.3	440	
35	28.28	12.09	7.11	1.31	106.50	2.15	45.2	440	
40	28.48	12.01	7.11	1.29	100.80	2.29	33.8	440	
45	28.58	12.01	7.12	1.29	104.60	2.68	21.6	440	
* 50	28.78	~~[illegible]~~	~~7.12~~	~~1.29~~	~~104.60~~	~~2.~~	20.7	440	
55	28.82	11.96	7.13	1.28	107.70	3.53	20.0	440	
60	28.78	12.04	7.13	1.29	108.60	3.66	18.0	440	
65	28.92	12.05	7.13	1.28	109.10	4.11	15.5	440	
70	28.88	11.92	7.14	1.27	111.00	4.68	15.0	440	
75	28.88	12.03	7.13	1.28	110.00	4.20	14.7	440	
80	28.88	12.08	7.13	1.28	109.48	4.30	13.6	440	
85	28.88	11.94	7.14	1.27	111.50	4.91	14.4	440	
90	28.88	12.10	7.14	1.27	112.40	5.06	13.3	440	
95	28.88	12.16	7.13	1.27	109.90	4.32	11.05	440	
100	28.88	12.00	7.14	1.27	111.60	4.86	11.9	440	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:23 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0344-01 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * Aquatroll skipped reading at 50 minutes (3000 sec). Next reading at 3304 sec.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/18/16
Project #: 1163.63443 | Pump/Controller ID#: FAO 2491 | Weather: Cloudy 80'F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 130.86 ft. bmp
Depth to Water*: 30.4 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 13:10

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.20	12.90	6.69	81.46	-59.10	0.14	18.6	500	1.044
10	31.29	12.66	6.70	81.78	-59.40	0.09	16.9	500	
15	31.35	12.78	6.71	79.52	-55.2	0.07	8.99	500	
20	31.38	12.65	6.70	79.82	-51.6	0.06	4.55	500	
25	31.40	12.49	6.69	80.54	-49.30	0.04	3.63	500	
30	31.42	12.47	6.68	81.16	-47.8	0.03	3.01	500	
35	31.45	12.37	6.68	81.54	-46.7	0.03	2.34	500	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:45 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* ~~1.00~~ 1.042

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0344-02 **Sample Time:** 14:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 85.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0936
Initial Observations: Color: Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	83.53	13.75	7.16	165.00	-62.00	0.29	33	300	1.090
10	83.55	13.84	7.23	164.00	-125.70	0.15	27	300	
15	88.55	13.76	7.36	158.80	-165.50	0.13	42.7	300	
20	88.75	13.72	7.40	153.60	-160.20	0.11	15.0	300	
25	88.75	13.56	7.41	153.90	-151.00	0.10	19.7	300	
30	88.55	13.70	7.42	154.10	-146.70	0.09	9.49	306	
35	88.55	13.86	7.43	153.60	-149.50	0.08	9.88	300	
40	89.32	13.81	7.43	153.40	-148.50	0.08	10.78	300	
45	90.2	13.86	7.43	153.70	-142.70	0.07	10.36	300	
50	91.39	14.04	7.44	152.90	-142.70	0.07	16.32	300	
55	92.1	13.93	7.44	146.50	-143.80	0.06	9.37	300	
60	93.40	14.04	7.45	153.00	-150.30	0.06	11.8	300	
65	94.65	13.90	7.49	152.40	-170.00	0.05	11.9	300	
70	95.0	13.91	7.59	151.10	-211.90	0.03	16.1	300	
75	96.03	13.94	7.70	150.80	-242.30	0.02	16.1	300	
80	117.1	14.08	7.77	150.30	-254.00	0.01	12.6	300	
85	119.05	14.55	7.83	150.60	-257.70	0.01	22.0	306	
90	120.21	14.45	7.85	151.30	-256.90	0.01	13.2	306	
95	121.45	14.26	7.85	151.10	-253.80	0.01	13.0	300	1.090
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1111 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.090
Final Observations: Color: Clear (slight cloudiness) Odor: None Sheen/Free Product: None

Sample ID: SB915-0345-01 **Sample Time:** 1140

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: CPM - 4
★ Appeared like there was an issue w/ depth guage so pulled it out cleaned it off and re-inserted.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-915

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/18/16
Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.0 ft. bmp
Depth to Water*: 32.74 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12.50

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	34.38	15.89	10.11	35.00	10.70	0.40	12.3	300	1.020
10	34.38	14.75	10.12	34.90	11.40	0.35	12.6	300	
15	34.89	14.76	10.28	33.50	8.40	0.12	7.35	200	
20	35.14	15.30	10.42	34.00	6.60	0.11	5.24	200	
25	35.35	15.15	10.46	34.50	6.30	0.10	4.23	200	
30	35.53	15.03	10.49	35.00	6.60	0.10	5.23	200	
35	35.70	15.11	10.54	35.40	6.90	0.09	4.48	200	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1420~~ 1325 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0345-02 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: CPM - 2 Refill 20, Discharge 10 25 psi, 75 ft

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	MDM
Site Location:	Camillus, NY	Pump Type Used:	Bladder	Date:	8/19/16
Project #:	1163.63443	Pump/Controller ID#:	FAO 2086	Weather:	Sun 80°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 197.90 ft. bmp
Depth to Water*: 78.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:00

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
11:00									
5	85.41	13.01	6.62	74.57	1.56	0.28	25.9	475	1.040
10	88.25	13.09	6.42	69.59	28.90	0.22	17.0	450	
15	89.51	13.06	6.38	68.69	23.30	0.21	17.8	400	
20	92.61	13.17	6.35	68.58	17.90	0.21	20.7	400	
* 25									
* 30									
* 35									
40	94.26	13.24	6.26	68.76	29.40	0.34	23.3	400	
* 45									
* IPod restarted.		Restarted Compressor, Generator, and Control box.							
11:55									
5	93.88	13.79	6.27	66.82	35.40	0.51	26.8	400	1.040
10	96.24	12.85	6.31	67.74	29.20	0.50	26.2	400	
15	98.75	12.82	6.30	67.63	38.80	0.90	25.8	400	
** 20	100.56	—	—	—	—	—	35.3	400	
25	103.44	12.77	6.24	66.97	74.70	2.96	36.1	400	
* 30	—	14.02	6.23	66.59	74.90	2.91	—	—	
* 35	—	16.29	6.23	66.10	73.90	2.58	—	—	
40	104.46	13.34	6.25	65.96	76.20	3.16	39.2	400	
* 45									
* 50									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:16 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.040

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0345-03 **Sample Time:** 14:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1138
Turbidity Meter:	LaMotte	2020we	FAO0111
Other:			

Notes: * Compressor shut off. Water readings inaccurate. at 25min and 45min
** Ipad did not take reading.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: MDM | Date: 8/19/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
New Log Started after generator replaced									
13:21 5	99.12	15.33	6.33	65.25	59.00	2.77	28.9	350	1.040
10	100.32	13.71	6.44	69.49	18.40	1.42	38.8	350	
15	101.88	13.52	6.47	67.96	19.50	1.18	18.6	350	
20	103.39	13.48	6.49	66.77	15.00	0.98	20.7	350	
25	104.75	13.43	6.50	65.42	22.60	1.51	22.1	350	
30	106.15	13.44	6.48	65.32	30.20	1.87	21.1	350	
35	107.45	13.38	6.46	65.30	35.40	2.11	22.2	350	
40	108.87	13.24	6.45	65.72	38.10	2.23	24.2	350	
45	109.88	13.40	6.44	65.71	41.00	2.37	23.7	350	
50	111.12	13.43	6.43	65.99	42.70	2.47	25.2	350	
55	112.38	13.47	6.43	65.75	43.20	2.51	21.7	350	1.040
60									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-mw-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA0825 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 932
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0	34.9	13.66	6.86	53,698	-14.8	0.00	27.1	500	1.09
5	36.25	13.38	7.28	60,055	-162.1	0.00	26.1	500	
10	37.45	13.22	7.27	63,141	-153.8	0.00	25.5	500	
15	38.4	13.07	7.16	64,114	-148.9	0.00	19	500	
20	38.8	13.04	7.19	65,626	-152.0	0.00	18.8	500	
* 25	39.4	13.09	7.18	64,561	-148.1	0.00		500	
- 30	39.5	13.12	7.18	63,100	-146.8	0.00	16.4	500	
35	39.9	13.06	7.17	61,199	-144.8	0.00	16.1	500	
40	40	13.0	7.00	62,099	-147.8	0.00	16.9	500	
45	40.2	13.06	7.27	54,569	-149.4	0.00	14.0	500	
50	40.3	13.14	7.25	51,414	-146.8	0.00	13.8	500	
55	40.35	13.10	7.22	35,439	-147.0	0.00	15.6	500	
- 60	40.4	13.04	7.01	71,014	-134.0	0.00	14.2	500	
65	40.55	13.03	7.22	70,096	-150.0	0.00	13.9	500	
70	40.6	13.02	7.29	66,788	-151.8	0.00	12.3	500	
75	~~40.5~~ 40.65	12.91	7.25	63,614	-151.0	0.00	14.7	500	
80	40.7	12.88	7.37	58,552	-150.8	0.00	13.7	500	
85	40.73	12.83	7.30	52,190	-151.2	0.00	13.3	500	
90		13.01	7.27	48,158	-149.3	0.00		500	
95		12.95	7.21	29,335	-147.9	0.00			
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20 Total volume of groundwater purged: 24 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: None Sheen/Free Product: ~~Clear~~ None

Sample ID: SB915-0345-04 **Sample Time:** 1254

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	~~smarTROLL~~	Aqua troll
Turbidity Meter:	LaMotte	2020we	
Other:			FA1400

Notes: * conden section Build up in turb meter not Reading correct

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-08BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 8-19-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
100	40.8	13.14	7.11	36,410	-148.7	0.00	12.6	500	
105	40.8	13.09	7.26	69,650	-150.1	0.00	12.3	500	
110	40.8	13.12	7.36	65,741	-150.4	0.00	14.6	500	
115	40.8	13.04	7.26	59,298	-148.9	0.00	12.7	500	
120	40.8	13.09	6.79	68,303	-89	0.00	13.3	500	
125	40.85	12.99	7.30	67,124	-146.5	0.00	12.4	500	
130	40.85	13.05	7.25	69,913	-147.4	0.00	12.6	500	
135	40.85	12.99	7.30	68,186	-147.8	0.00	12.2	500	
140	40.85	13.01	7.29	64,981	-146.5	0.00	12.3	500	
145	40.85	13.10	7.30	62,351	-153.1	0.00	11.18	500	
150	40.85	13.13	7.28	57,823	-153.1	0.00	11.6	500	
155	40.85	13.08	7.24	50,820	-155.1	0.00	11.3	500	
160	40.85	13.05	7.30	44,041	-153.7	0.00	13.2	500	
165	40.85	13.13	7.37	48,489	-154.7	0.00	12.6	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1045

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-19-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun, 90

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 9.12 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____
Initial Observations: Color: clear Odor: _____ Sheen/Free Product: _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~9.12~~	16.36	6.23	113.78	84.50	1.81	9.12	250	1.064
10	10.84	16.34	5.91	111.95	84.90	1.61	12.43	250	
15	12.73	16.09	5.85	111.26	69.00	1.85	31.82	280	
20	14.58	16.45	5.83	111.28	64.20	1.72	37.68	280	
25	16.01	16.41	5.81	111.26	62.30	1.56	45.5	280	
30	16.50	16.45	5.80	112.28	59.20	1.32	54.2	280	
35	16.70	16.53	5.80	111.84	59.20	1.34	46.9	280	1.062
40	17.00	17.16	5.78	112.31	71.60	1.82	48.5	280	
45	17.38	17.45	5.78	111.99	71.20	1.69	87.0	280	
50	17.62	16.94	5.76	111.22	72.50	1.94	91.0	280	
55	17.87	16.91	5.68	110.92	80.50	2.03	93.1	280	
60	18.06	16.93	5.64	111.03	78.30	1.91	85.9	240	1.064
65	18.14	17.29	5.64	110.07	76.10	1.72	67.2	240	
70	18.30	17.12	5.64	110.24	72.30	1.56	49.2	240	
75	18.52	17.37	5.68	109.37	56.30	1.25	53.6	240	
80	18.70	16.93	5.71	109.91	55.90	1.08	85.1	240	
85	18.80	16.22	5.73	110.70	58.80	1.25	636AV	240	
90	18.87	17.03	5.73	111.07	60.40	1.32	1041AV	240	1.064
95	19.70	17.29	5.72	111.29	68.40	1.48	869AV	240	
100	19.77	17.61	5.70	111.96	73.70	1.77	849AV	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Faulty DTW

End Purge Time: 13:00 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.062
Final Observations: *Color:* light tan *Odor:* ~~light tan~~ NO *Sheen/Free Product:* NO

Sample ID: SB915-0345-05 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-1045

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: CAH | Date: 8-19-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	19.95	17.46	5.69	110.80	77.10	2.00	602 AU	180	
110	20.07	17.19	5.68	111.24	77.00	2.06	124 NTU	180	
115	20.09	18.19	5.68	111.16	78.30	2.32	78 NTU	180	
120	20.09	18.34	5.69	111.60	77.40	2.44	84.7	180	1.062
125	20.14	17.57	5.70	110.97	75.00	2.53	37.6	180	
130	20.13	17.53	5.71	111.05	73.10	2.66	43.9	180	
135	20.13	17.66	5.72	110.98	73.50	2.77	39.3	180	
~~140~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-19-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather: Sun, 85

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.8 ft. bmp
Depth to Water*: 25.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:17

Initial Observations: *Color:* waste *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.3	17.97	11.51	13.35	-116.40	0.06	15.2	500/100	1.008
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: 1 gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: NA **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	~~FA01137~~
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/22/16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: 70s Partly Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 49.8 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1020
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	51.6	14.29	11.64	119.99	5.20	0.50	39.0	~~115~~ 115	1.064
10	52.15	14.29	11.67	120.25	1.20	0.29	45.6	~~115~~ 115	
15	53.1	14.47	11.68	120.21	1.90	0.19	116	~~115~~ 115	
5		16.27	11.67	117.99	7.60	2.99	~~110~~	110	1.064
10	54.75	15.03	11.72	119.12	0.5	0.72	53.6	110	
15	55.4	14.17	11.76	119.98	-3.2	0.49	46.5	110	
20	55.8	14.06	11.76	120.23	-11.4	0.41	40.4	110	
25	56	13.09	11.8	120.52	-12.8	0.37	35.0	110	
30	56.25	14.11	11.77	120.76	-19.2	0.35	39.4	110	
35	56.5	14.68	11.76	119.94	-26.6	0.34	38.1	110	
40	56.9	14.94	11.75	119.67	-29.0	0.31	39.8	110	
45	57.2	15.01	11.75	119.42	-29.1	0.30	35.8	110	
50	57.6	15.13	11.75	119.66	-20.5	0.29	38.1	110	
55	57.9	14.92	11.76	119.6	-13.4	0.29	36.5	110	
60	58.15	15.28	11.76	119.83	-12.3	0.32	36.2	110	
65	58.3	15.59	11.75	119.39	-13.6	0.28	30.1	110	
70	58.6	15.65	11.75	119.34	-15.3	0.28	29.1	110	
75	~~58.78~~	~~15.45~~ 15.45	11.76	119.87	-20.6	0.27	25.1	110	
80	58.78	15.72	11.74	19.63	-23.8	0.07	28.7	110	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* 1055
**

End Purge Time: 1223 Total volume of groundwater purged: 4 gallon(s). **Specific Gravity:** 1.066
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0346-01 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011138
Turbidity Meter:	LaMotte	2020we	FA06111
Other:			

Notes: * Blew the Bladder, Bladder Replaced and LowFlow Restarted
** Live Reading FPod Did Not Record

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMK
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/22/16
Project #: 1163.63443 | Pump/Controller ID#: FAO 1039 | Weather: 70's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 123.85 ft. bmp
Depth to Water*: 68.1 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1022
Initial Observations: Color: Slightly Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.15	10.89	6.84	1.30	96.80	0.22	85.7	500	1.002
10	68.15	10.83	6.93	1.30	67.20	0.14	69.0	500	
15	68.15	10.82	6.94	1.40	54.50	0.09	63.5	500	
20	68.15	10.78	6.96	1.60	46.20	0.06	53.4	500	
25	68.15	10.78	6.96	1.70	40.60	0.04	42.0	500	
30	68.15	10.78	6.97	1.70	36.60	0.03	38.8	500	
35	68.15	10.92	6.96	1.70	34.60	0.02	32.3	500	
40	68.15	11.29	6.99	1.70	31.10	0.02	31.6	500	
45	68.15	11.10	6.95	1.70	31.70	0.01	30.4	500	
~~50~~									
55	68.15	11.41	6.93	1.70	32.20	0.06	31.7	500	
60	68.15	11.15	6.92	1.70	26.30	0.00	36.1	500	
65	68.15	11.69	6.94	1.80	22.10	0.00	30.1	500	
70	68.15	11.43	6.94	1.70	21.70	-0.00	28.0	500	
75	68.15	11.55	6.96	1.70	19.60	0.00	30.7	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0346-02 **Sample Time:** 1210

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ~~*~~ Compressor shut down - generator overload (using 1 generator for 2 wells, one ran out of fuel)

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-22-16
Project #: 1163.63443 | Pump/Controller ID#: FA00456 | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 82.05 ft. bmp
Depth to Water*: 15.31 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 11:49

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.57	12.01	6.03	122.00	-0.20	0.04	3.97	500	1.064
10	15.53	12.27	6.02	121.60	0.80	0.03	1.66	500	
15	15.53	12.42	6.02	121.20	6.40	0.02	1.82	500	
20	15.53	12.43	6.02	120.90	7.80	0.02	1.45	500	
25	15.53	12.57	6.02	121.30	8.60	0.02	2.49	500	
30	15.53	12.57	6.02	121.10	9.70	0.02	1.89	500	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: SB915-0316-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-508

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 8-22-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 36.23 ft. bmp

Depth to Water*: DRY ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-51S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 8-22-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 35.43 ft. bmp
Depth to Water*: DRY ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:**

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: — | Date: 8-22-16

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: Sunny clouds

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 34.90 ft. bmp

Depth to Water*: DRY ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY	—	—	—	—	—	—	—	—	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: N4 **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH, TBP, DMR

Site Location: Camillus, NY | Pump Type Used: | Date: 8-22-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 46.93 ft. bmp

Depth to Water*: 46.15 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-405

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH, TBP, DMR

Site Location: Camillus, NY | Pump Type Used: | Date: 8-22-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 45.05 ft. bmp

Depth to Water*: DRY ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/23/16
Project #: 1163.63443 | Pump/Controller ID#: FA00443 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.4 ft. bmp
Depth to Water*: 69.1 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0927

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	69.15	12.81	6.83	81.40	0.30	0.35	32.3	475	1.050
10	69.15	12.30	6.84	88.30	-10.60	0.16	36.4	475	
15	69.15	12.14	6.90	89.10	-20.10	0.12	37.3	475	
20	69.15	12.30	6.92	89.10	-28.30	0.09	25.9	475	
25	69.15	12.40	6.93	88.40	-34.10	0.07	30.2	475	
30	69.15	12.51	6.93	88.10	-40.70	0.06	29.8	475	
35	69.15	12.68	6.93	88.00	-45.70	0.04	29.9	475	
40	69.15	12.76	6.93	88.00	-50.60	0.04	23.9	475	
45	69.15	12.83	6.92	87.80	-53.20	0.03	26.3	475	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1013 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.054

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0347-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/23/16
Project #: 1163.63443 | Pump/Controller ID#: FA022553 / FA02491 | Weather: 70's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 48.95 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 924
Initial Observations: Color: clear Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	51.2	14.64	11.99	86.16	-174.2	0.74	16.0	140	1.052
10	51.85	14.46	12.04	85.45	-182.1	0.48	23.5	140	
15	52.45	14.20	12.07	85.1	-179.3	0.37	27.2	140	
20	53.0	13.88	12.10	84.32	-169.6	0.30	27.2	140	
25	53.72	14.10	12.10	84.34	-163.7	0.30	28.1	140	
30	54.5	14.04	12.11	84.27	-162.0	0.32	20.9	140	
35	55.1	14.11	12.12	84.05	-167.8	0.34	21.2	140	
40	55.5	14.02	12.12	84.35	-174.8	0.35	16.0	140	
45	55.9	14.07	12.13	84.77	-178.5	0.39	13.7	140	
50	56.45	14.02	12.13	84.06	-184.5	0.44	11.8	140	
55	56.85	14.02	12.14	84.26	-189.1	0.51	12.4	140	
60	57.25	14.14	12.14	84.22	-195.5	0.61	10.97	140	
65	57.6	14.16	12.14	84.14	-200.2	0.72	9.91	140	
70	57.99	14.01	12.15	84.11	-202.0	0.81	9.11	140	
75	58.2	14.05	12.16	84.21	-205.3	0.91	8.84	140	
80	58.6	14.22	12.15	84.22	-209.8	0.98	8.53	140	
85	58.78	14.11	12.16	84.42	-212.5	1.04	9.10	140	
90	59.05	14.29	12.16	84.38	-214.8	1.10	7.63	140	
95	59.2	14.29	12.16	85.24	-219.5	1.12	7.86		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1105 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.052
Final Observations: Color: clear Odor: NONE Sheen/Free Product: NONE

Sample ID: SB915-0347-02 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00956
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8-23-16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: Sun, 70-80

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 13.67 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:41
Initial Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, circle: mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.15	12.65	5.74	178.10	-16.40	0.27	26.4	475	1.112
10	18.38	12.34	6.03	177.30	-20.30	0.13	77.7	475	
15	21.35	12.24	6.10	172.20	-28.50	0.10	31.7	475	
20	23.40	12.20	6.11	176.00	-37.60	0.09	26.8	475	
25	25.72	12.16	6.12	170.60	-41.00	0.08	21.9	475	
30	28.81	12.10	6.13	179.20	-41.30	0.07	21.8	475	1.118
35	29.66	12.06	6.13	175.60	-41.30	0.07	24.1	475	
40	31.90	12.06	6.13	174.90	-41.00	0.06	14.9	475	
45	33.83	12.01	6.13	178.80	-39.90	0.06	11.3	475	
50	36.44	11.97	6.13	178.50	-38.60	0.06	11.3	475	
55	37.39	12.01	6.13	178.00	-36.60	0.05	10.45	475	1.118
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:36 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.118
Final Observations: Color: Clear - some bubbles Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0347-03 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8-23-16
Project #: 1163.63443 | Pump/Controller ID#: FAO1039 | Weather: Sun, 80

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 114.77 ft. bmp
Depth to Water*: 15.08 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:27
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.90	13.57	6.87	172.80	-30.00	0.37	11.5	500	1.100
10	21.75	13.11	7.00	171.50	-43.70	0.20	7.52	500	
15	24.72	12.95	7.07	171.50	-53.60	0.32	7.14	500	
20	28.68	12.88	7.10	171.60	-56.40	0.44	5.74	500	
25	31.55	12.91	7.10	171.70	-57.90	0.40	4.97	500	
30	34.47	12.82	7.11	171.90	-58.50	0.36	5.31	500	1.104
35	37.45	12.81	7.11	170.80	-58.10	0.10	6.66	500	
40	40.38	12.77	7.10	171.60	-56.30	0.05	6.72	500	1.104
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:07 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.104
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0347-04 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1137
Turbidity Meter:	LaMotte	2020we	FAO1400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/23/16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: 80's sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 159.00 ft. bmp
Depth to Water*: 25.60 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1158
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.95	14.26	6.88	173.70	-24.90	0.38	22.9	450	1.076
10	~~27.45~~ 27.52	13.63	6.82	175.30	-25.40	0.16	18.9	450	
15	29.42	13.30	6.83	176.60	-28.50	0.11	14.7	450	
20	30.1	13.29	6.83	177.10	-33.00	0.09	24.5	450	
25	32.46	13.04	6.83	178.00	-36.80	0.08	26.9	450	
30	34.53	13.06	6.83	177.80	-37.80	0.07	16.5	450	
35	35.60	13.01	6.83	177.80	-38.80	0.06	12.5	450	
40	37.2	12.96	6.83	177.20	-38.90	0.06	13.9	450	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1238 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.130
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0317-05 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: CPM: 3 PST: 110
R: 13.5 150 mL purge
D: 6.5

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 8-23-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: _____ ft. bmp

Depth to Water*: _____ ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	well is	Dry							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JLB
Site Location: Camillus, NY | Pump Type Used: | Date: 8-23-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 14.60 ft. bmp
Depth to Water*: 14.41 ft.
Length of Water Column: 0.19 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	well is Dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-11/BR

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: | Date: 8-23-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 39.45 ft. bmp
Depth to Water*: 33.35 ft.
Length of Water Column: 6.10 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not	enough	water	to	sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/24/16
Project #: 1163.63443 | Pump/Controller ID#: FA02086 | Weather: Sunny 80's F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.25 ft. bmp
Depth to Water*: 83.07 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
Well Casing
Protective Casing
☐ Other: _____

Start Purge Time: 10:51
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	83.09	13.53	6.99	14.048	33.80	0.42	7.08	440	1.008
10	83.09	12.71	7.01	13.701	1.00	0.20	14.5	440	
15	83.09	12.55	7.06	11.97	-11.1	0.14	12.1	440	
20	83.09	12.56	7.08	10.83	-27.5	0.11	8.64	440	
25	83.09	12.53	7.08	9.713	-33.30	0.09	6.99	440	
30	83.09	12.52	7.08	8.957	-36.40	0.07	5.41	440	
35	83.12	12.57	7.08	8.173	-37.90	0.06	5.34	440	
40	83.09	12.56	7.08	7.796	-39.20	0.05	4.20	440	
45	83.09	12.56	7.08	7.451	-40.50	0.04	4.62	440	
50	83.09	12.52	7.09	7.143	-41.50	0.04	3.86	440	
55	83.09	12.51	7.08	6.938	-41.10	0.03	3.44	440	
60	83.09	12.56	7.07	6.727	-41.40	0.03	3.82	440	
65	83.09	12.56	7.07	6.640	-42.00	0.03	3.61	440	
70	83.09	12.56	7.08	6.333	-41.90	0.02	2.91	440	
75	83.09	12.56	7.06	6.425	-41.50	0.02	2.97	440	
80	83.09	12.56	7.06	6.173	-42.5	0.02	2.63	440	
85	83.09	12.55	7.06	6.155	-41.70	0.02	2.84	440	1.004
90	83.09	12.61	7.07	6.142	-42.30	0.02	2.58	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* Live Reading, Ipad did not record

End Purge Time: 12:21 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0348-01, 02, 03 (MS/MSD) **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: CPM: 4 PSI: 125
R:
D:

Low Flow Groundwater Sampling Log

Well ID: SB915 MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8.24.16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~85°F Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 58.25 ft. bmp
Depth to Water*: 40.7 ft.
Length of Water Column: ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: 2.86 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1100
Initial Observations: Color: clear Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	42.95	14.56	12.19	35.95	-143.2	1.26	13.0	200	1.020
10	43.3	13.65	12.83	36.23	-148.9	1.21	13.9	200	
15	44.75	13.47	12.22	40.54	-185.7	1.12	12.9	200	
20	45.45	13.44	12.20	44.59	-207.9	1.07	14.2	200	
25	46.38	13.47	12.20	47.03	-217.4	1.11	14.5	200	
30	47.2	13.47	12.20	48.74	-222.3	1.15	14.8	200	
35	47.5	13.47	12.20	49.62	-225.1	1.22	13.9	200	
40	48	13.48	12.19	50.96	-228.6	1.15	13.4	200	
45	48.45	13.42	12.18	51.56	-231.8	1.08	12.7	200	
50	48.7	13.47	12.18	52.14	-233.9	1.02	11.51	200	
55	49.05	13.62	12.17	52.65	-236.2	0.92	10.74	200	
60	49.21	13.66	12.16	54.14	-240.3	0.78	10.29	200	
65	49.2	13.92	12.14	54.31	-242.7	0.74	9.04	160	
70	49.5	13.79	12.11	59.28	-263.5	0.17	8.35	160	
75	49.65	13.85	12.13	56.39	-249.8	0.57	8.24	160	
80	49.75	13.93	12.12	57.27	-252.1	0.52	7.77	160	
85	49.9	13.941	12.11	58.27	-255.8	0.47	8.01	160	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:29 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: clear Odor: none Sheen/Free Product: none

Sample ID: SB915-0348-04 **Sample Time:** 1320

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel:

Site Location: Camillus, NY | Pump Type Used: | Date: 8/24/16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 20.65 ft. bmp

Depth to Water*: ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
well	is	Dry							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/25/16
Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: Cloudy/Rain/80's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 131.61 ft. bmp
Depth to Water*: 28.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0935

Initial Observations: Color: Clear/Cloudy Odor: Sulfur * Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.2	12.87	6.96	81.00	-46.80	0.28	55.9	500	1.040
10	33.8	12.66	7.18	63.90	-59.70	0.16	53	500	
15	35.5	12.56	7.16	61.30	-51.70	0.11	1076 AU	500	
20	36.3	12.42	7.16	60.10	-76.50	0.06	1729	500	
25	37.15	12.45	7.21	58.20	-88.80	0.04	1262	500	
30 *	37.8	12.36	7.25	57.10	-86.50	0.04	716	500	
35	38.1	12.42	7.30	56.70	-93.20	0.03	119	500	
40	38.5	12.47	7.37	56.30	-101.00	0.03	53	500	
45	38.9	12.42	7.42	56.10	-106.30	0.02	107.8	500	
50	39.1	12.47	7.43	55.50	-105.90	0.02	82.7	500	
55	39.3	12.56	7.44	55.50	-106.70	0.01	73.3	500	
60	39.4	12.61	7.43	55.30	-104.50	0.01	64.1	500	
65	39.6	12.58	7.43	55.30	-102.70	0.01	62.2	500	
70	39.7	12.62	7.42	55.30	-99.40	0.01	59.3	500	
75	39.7	12.65	7.41	55.10	-97.00	0.01	49.3	500	
80	39.7	12.65	7.40	55.40	-94.40	0.01	44.4	500	
85	39.8	12.66	7.39	55.30	-93.40	0.01	41.2	500	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.026

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0349-01, 02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: * Not sure if smell is coming from GW but there is a definite smell of sulfur

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-25-16
Project #: 1163.63443 | Pump/Controller ID#: FA01202 | Weather: Cloudy, humid, 80

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.08 ft. bmp
Depth to Water*: 4.86 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:34
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.80	18.28	7.00	3.00	78.50	7.70	13.4	360	1.004
10	5.90	18.84	7.04	1.60	79.60	7.00	4.72	360	
15	6.00	19.13	7.00	1.60	76.80	6.81	3.53	360	
20	6.08	19.17	6.98	1.70	76.10	6.63	2.61	360	
25	6.14	19.24	6.98	1.70	75.60	6.31	2.05	360	
30	6.22	19.39	6.97	1.60	75.60	6.02	1.98	360	
35	6.60	19.33	6.98	1.40	75.80	5.58	1.91	500	1.002
40	6.75	19.53	6.99	1.40	75.20	5.28	2.34	500	
45	6.85	19.69	7.00	1.30	74.80	5.03	2.48	500	
50	6.85	19.90	7.02	1.30	72.40	4.90	2.41	500	
55	6.85	19.93	7.01	1.30	73.40	4.91	1.99	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:29 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0349-04 **Sample Time:** 10145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	~~SB~~ FA01138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: BZ CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 6-25-16
Project #: 1163.63443 | Pump/Controller ID#: FA01202 | Weather: Cloudy, humid, 85°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 13.32 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:55
Initial Observations: Color: light cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm or mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.32	13.07	6.59	95.50	-108.60	0.06	67.3	500	1.058
10	13.32	12.88	6.69	95.70	-113.70	0.04	24.4	500	
15	13.32	12.74	6.72	95.90	-111.90	0.03	23.7	500	
20	13.32	12.69	6.72	96.30	-110.40	0.03	9.34	500	
25	13.32	12.65	6.73	96.30	-108.80	0.02	9.08	500	
30	13.32	12.74	6.73	96.00	-107.40	0.02	7.93	500	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:24 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.058
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0349-05 **Sample Time:** 13:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/25/16
Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: 80's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 156.00 ft. bmp
Depth to Water*: 26.5 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1344
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.8	14.74	6.51	143.60	-1.90	0.55	55.9	400	1.084
10	30.5	14.10	6.78	143.00	-43.30	0.21	48.1	400	
15	35.45	13.52	6.83	137.30	-46.30	0.29	24.9	400	
20	38.00	13.34	6.81	135.10	-57.90	0.26	29.3	400	
25	40.53	13.02	6.80	135.20	-71.80	0.29	25.8	400	
30	42.75	13.02	6.80	134.00	-74.20	0.30	26.2	400	
35	44.96	12.96	6.79	136.30	-78.20	0.28	24.1	400	
40	47.1	12.84	6.79	135.70	-79.10	0.28	22.3	400	
45	49.0	12.80	6.77	135.60	-77.00	0.32	17.2	400	
50	50.65	12.74	6.74	134.80	-69.90	0.29	22.4	400	
55	52.42	12.74	6.68	134.90	-58.80	0.29	23.3	400	
60	54.05	12.93	6.62	134.30	-48.60	0.26	22.9	400	
65	55.60	12.95	6.55	133.80	-37.10	0.31	21.9	400	
70	57.1	12.93	6.53	133.80	-31.30	0.30	18.6	400	
75	58.4	12.86	6.52	134.20	-26.90	0.28	28.1	400	
80	59.1	13.11	6.51	133.70	-23.90	0.27	18.1	400	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1504 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.078
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0349-06 **Sample Time:** 1526

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA02066
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915 -MW 107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/25/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 80's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: 21.00 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: ~~1218~~ 1218
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0		17.51	6.5	196,687	~~21.5~~	1.13		150	1.124
5	22.55	18.73	6.28	200,831	-24.4	1.05	17.5	150	
10	23.45	18.13	6.28	199853	-16.9	1.33	15.3	200	
15	24.7	18.26	6.27	200,127	-20.5	1.26	11.9	200	
20	25.5	18.02	6.26	202,366	-17.0	1.19	11.2	200	
25	26.4	19.08	6.26	202,532	-14.1	1.12	11.26	200	
30	26.6	19.52	6.26	200,700	-15.0	1.08	11.32	200	
35	27.6	19.77	6.26	201,615	-12.1	1.01	11.32	200	
40	28.32	19.02	6.29	200,355	-11.6	0.941	10.31	200	
45	28.65	20.16	6.27	201,025	-11.3	0.88	9.32	200	
50	29.4	20.72	6.26	201,439	-10.1	085	9.26	200	
55	30.38	20.17	6.27	200,707	-10.1	0.80	10.18	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 15:16 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.130
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0349 -07 **Sample Time:** 1545

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0560
Turbidity Meter:	LaMotte	2020we	FA01400
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/25/16

Project #: 1163.63443 | Pump/Controller ID#: FP02491 / FP02251 | Weather: 80's cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 129.75 ft. bmp

Depth to Water*: 32.1 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 10:19

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
0		16.98	8.55	65,122	-157.5	2.04	16.4	500	1.046
5	34.5	11.88	8.21	74,272	-186.3	0.23	11.8	500	
10	35.4	11.34	7.74	78,327	-181.3	0.16	10.07	500	
15	36.1	11.10	7.44	81,088	-164.1	0.13	8.18	500	
20	36.3	11.01	7.21	82,496	-152.2	0.13	7.75	500	
25	36.3	11.02	7.18	83,177	-150.1	0.09	6.32	500	
30	36.4	10.91	7.12	83,462	-138.8	0.12	7.21	500	
35	36.6	10.97	7.05	83,809	-128.4	0.13	5.53	500	
40	36.6	10.94	6.97	84,038	-123.9	0.10	6.49	500	
45	36.6	10.92	6.62	83,981	-115.4	0.10	8.33	500	
50	36.6	10.9	6.98	83,819	-109.6	0.10	4.56	500	
55	36.6	10.9	6.95	83,632	-100.7	0.09	4.11	500	
60	36.6	10.85	6.93	83,595	-92.7	0.10	4.83	500	
65	36.6	10.94	6.90	83,708	-97.0	0.07	5.40	550	
70	36.6	10.01	6.80	83,789	-91.2	0.07	4.36	500	
75	36.6	10.9	6.8	83,758	-79.2	0.08	4.25	500	
80	36.6	10.98	6.81	83,838	-78.6	0.07	5.2	500	
85	36.6	10.98	6.81	83,603	-59.6	0.10	4.65	500	
90	36.6	10.98	6.75	83,724	-56.9	0.09	3.30	500	
95	36.6	10.97	6.86	83,957	-49.5	0.09	4.31	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1203 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.046

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915 0849-03 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FP02560
Turbidity Meter:	LaMotte	2020we	FP01400
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-mw-87BR

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JBP | Date: 8/25/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
100	36.6	10.98	6.85	88,344	-19.1	0.07	4.5	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8-19-16 (8-25-16)
Project #: 1163.63443 | Pump/Controller ID#: FAO 1202 | Weather: Sun, 90°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 18.27 ft. bmp
Depth to Water*: DRY ft. 13.59
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:30
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY	on 8-19-16								
	14.36								
8-25-16 ~~13.59~~	~~13.59~~	15.75	6.77	1.50	79.60	1.24	1.64	365	1.002
10	14.77	15.45	6.75	1.50	69.40	1.30	2.18	260	
15	15.17	15.72	6.75	1.50	67.70	1.35	1.70	240	
20	15.49	15.87	6.74	1.50	67.50	1.39	1.19	200	
25	15.80	16.09	6.75	1.50	68.20	1.44	0.83	180	
30	15.95	16.21	6.74	1.50	68.40	1.49	0.97	150	
35	16.15	16.00	6.74	1.50	61.20	1.54	0.73	150	
40	~~Purged dry~~		~~Sampling~~	Purged	dry -	collect	tomorrow		
8/26/16	17.92	0.35' of water, not enough to sample							
10:30									
(JWB)									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ____ Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* ____

Final Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: NA **Sample Time:** ____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1138
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-925

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/26/16
Project #: 1163.63443 | Pump/Controller ID#: FA02491 | Weather: Sunny 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 50.32 ft. bmp
Depth to Water*: 32.4 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:16
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.31	17.49	12.06	25.10	-93.3	1.32	8.10	200	1.012
10	33.62	16.32	12.13	24.70	-108.3	1.17	6.43	180	
15	34.02	15.06	12.17	25.10	-117.5	1.11	4.36	180	
20	34.43	14.79	12.19	25.20	-125.7	1.08	4.93	180	
25	34.78	14.67	12.19	25.50	-133.5	1.05	4.84	180	
30	35.07	15.28	12.18	25.70	-143.5	1.00	4.61	150	1.010
35	35.38	15.25	12.18	26.00	-153.6	0.93	4.73	150	
40	35.75	14.97	12.18	26.40	-164.8	0.84	3.85	150	
45	36.05	15.61	12.16	26.70	-175.1	0.75	4.02	120	
50	36.31	15.68	12.15	27.10	-186.2	0.65	3.45	120	
55	36.51	15.55	12.16	27.40	-195.1	0.58	3.66	120	1.010
60	36.78	15.56	12.16	27.60	-202.6	0.53	3.27	120	
65	37.02	15.48	12.16	27.80	-207.2	0.48	3.42	120	
70	37.32	15.51	12.16	27.80	-213.30	0.44	3.06	120	
75	37.68	15.65	12.15	27.80	-211.4	0.38	3.24	120	
80	37.92	15.48	12.16	27.80	-211.4	0.35	2.66	120	
85	38.21	15.47	12.16	27.80	-211.6	0.32	2.61	120	
90	38.48	15.70	12.15	27.90	-211.7	0.31	2.42	120	
95	38.78	15.74	12.16	27.70	-211.6	0.30	2.19	120	
100	39.06	15.76	12.15	27.70	-209.6	0.30	2.50	120	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:51 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0350-~~DUP~~ 01 **Sample Time:** 1240

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00756
Other:			

Notes: BOD Sample

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/26/16
Project #: 1163.63443 | Pump/Controller ID#: FA~~00~~443 | Weather: 70-80s sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.55 ft. bmp
Depth to Water*: 58.36 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: ~~1283~~ 1133
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	58.6	11.47	7.28	0.80	-141.8	1.25	10.62	400	1.000
10	58.6	10.8	7.24	0.80	-113.2	1.96	7.65	400	
15	58.6	10.58	7.23	0.80	-115.3	2.02	4.56	400	
20	58.6	10.43	7.22	0.80	-122.8	1.57	4.13	400	
25	58.6	10.37	7.24	0.80	-126.3	1.39	5.76	400	
30	58.6	10.29	7.26	0.80	-130.5	1.12	1.74	400	
35	58.6	10.29	7.25	0.80	-130.6	0.96	1.85	400	
40	58.6	10.25	7.22	0.80	-132.6	0.78	2.12	400	
45	58.6	10.22	7.21	0.80	-131.8	0.75	1.23	400	
50	58.6	10.24	7.21	0.80	-134.4	0.65	1.62	400	
55	58.6	10.23	7.22	0.80	-135.9	0.57	1.18	400	
60	58.6	10.24	7.22	0.80	-135.2	0.52	0.97	400	
65	58.6	10.24	7.22	0.80	-136.2	0.48	1.08	400	
70	58.6	10.20	7.18	0.80	-132.9	0.50	1.10	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1245 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0350-02 **Sample Time:** 1305

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1138
Turbidity Meter:	LaMotte	2020we	FAO 2066
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915 – MW-105

Site Name: SB915 Closure / SCA | Sampling Method: — | Field Personnel: TBD

Site Location: Camillus, NY | Pump Type Used: — | Date: 8/26/16

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: 80 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.68 ft. bmp

Depth to Water*: 15.35 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
—	well is		Dry						
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

APPENDIX B

4th Quarter 2016 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/10/16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.02 ft. bmp
Depth to Water*: 3.71 ft.
Length of Water Column: 55.31 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 9.02 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1112

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.74	13.58	7.13	9.83	3.50	0.08	62.5	500	1.004
10	3.74	13.45	7.12	9.83	-4.10	0.04	31.1	500	
15	3.74	13.31	7.12	9.80	-15.0	0.03	17.2	500	
20	3.74	13.26	7.12	9.79	-18.6	0.02	11.3	500	
25	3.74	13.39	7.11	9.75	-21.3	0.02	7.14	500	
30	3.74	13.26	7.10	9.75	-22.7	0.02	5.38	500	
35	3.74	13.22	7.10	9.75	-23.4	0.01	3.35	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1149 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0351-01,02,03 (MS/MSD) **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-10-16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 55°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 44.73 ft. bmp
Depth to Water*: 9.97 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:18
Initial Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.61	13.15	7.43	4.90	-141.20	0.11	34.1	500	1.006
10	11.98	13.11	7.43	5.20	-136.60	0.08	38.7	500	
15	12.17	12.88	7.13	19.10	-123.70	0.07	47.9	500	
20	12.25	12.66	7.12	23.00	-122.30	0.05	21.0	500	
25	12.32	12.80	7.10	27.00	-121.30	0.05	11.52	500	
30	12.39	12.85	7.09	28.80	-121.60	0.04	4.81	500	1.014
35	12.42	12.66	7.08	30.40	-121.30	0.04	4.35	500	
40	12.43	12.76	7.07	31.50	-120.40	0.03	3.22	500	
45	12.43	12.68	7.06	32.70	-120.60	0.04	2.24	500	
50	12.46	12.80	7.05	33.60	-120.00	0.04	2.34	500	
55	12.49	12.84	7.04	34.80	-120.20	0.03	1.80	500	
60	12.50	12.61	7.03	36.00	-119.40	0.03	2.12	500	1.016
65	12.51	12.97	7.01	36.60	-118.60	0.03	1.44	500	
70	12.51	12.71	7.01	37.80	-119.10	0.03	1.30	500	
75	12.51	12.96	6.99	38.50	-118.40	0.03	1.35	500	
80	12.51	12.83	6.98	39.60	-117.60	0.03	1.12	500	
85	12.51	12.89	6.97	40.40	-118.50	0.03	1.40	500	1.018
90	12.51	12.85	6.97	41.20	-117.50	0.03	1.10	500	
95	12.51	12.82	6.96	42.00	-117.50	0.03	1.09	500	
100	12.83	12.83	6.96	42.60	-117.60	0.03	1.10	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:03 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.020
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0351-04,05(FD) **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: ____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA Project #: 1163.~~61104~~ 63343 Field Personnel: CAH Date: 10-10-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	12.51	12.79	6.95	43.30	-116.90	0.03	1.28	500	1.020

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/10/16

Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: 50's Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.43 ft. bmp

Depth to Water*: 6.00 ft.

Length of Water Column: 9.43 ft.

Well Volume Multipliers:

~~2~~ in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1238

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.62	17.21	6.97	40.46	17.8	0.05	21.7	220	1.014
10	6.96	17.27	8.14	21.99	5.30	0.44	17.9	220	
15	7.32	17.30	7.09	21.33	14.4	1.45	15.6	220	
20	7.64	17.25	7.06	21.82	16.4	1.27	13.1	220	
25	7.82	17.23	7.04	22.91	10.80	0.87	11.8	200	
30	7.91	17.15	6.99	26.15	5.4	0.62	13.7	200	
35 *		17.15	6.98	30.48	-0.50	0.42		200	
40	8.01	~~16.05~~	7.04	29.2	-5.90	0.42	7.65	200	
45	8.24	17.00	7.01	27.51	-2.40	0.42	7.13	200	
50	8.4	17.02	7.02	24.31	-1.30	0.46	5.43	200	
55	8.5	17.05	7.01	24.61	0.00	0.46	5.31	200	
60	8.63	17.10	7.01	24.14	1.60	0.59	4.25	200	
65	8.8	17.15	7.01	23.52	4.30	0.73	3.95	200	
70	8.95	17.22	7.01	22.97	7.10	0.86	3.39	200	
75	9.1	17.29	7.01	23.02	8.20	0.89	2.07	200	
80	9.25	17.31	7.01	22.58	8.70	0.89	1.80	200	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1200 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: Clear Odor: NONE Sheen/Free Product: NONE

Sample ID: SB915-0352-06 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: * Changed Head on Pump No DTW or turbidity on

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-10-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 55°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 14.81 ft. bmp
Depth to Water*: 4.63 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 13:20
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.60	17.73	7.55	1.20	2.10	6.05	6.14	500	1.002
10	7.22	18.36	7.53	1.10	16.50	5.77	1.18	500	
15	7.48	18.35	7.44	1.00	23.70	5.16	1.00	500	
20	8.50	18.42	7.43	1.00	28.30	5.16	0.89	500	
25	8.97	18.45	7.42	1.00	30.20	4.88	0.97	500	
30	9.32	18.46	7.41	0.90	31.40	4.81	0.84	400	
35	9.79	18.56	7.40	0.90	32.30	4.71	0.80	400	1.000
40	10.22	18.64	7.41	0.90	32.00	4.55	0.74	400	
45	10.40	18.59	7.40	0.90	31.70	4.41	0.71	240	
50	10.61	18.51	7.40	0.90	32.30	4.30	0.84	240	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:10 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0351-07 **Sample Time:** 14:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA1326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/11/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 30's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.02 ft. bmp
Depth to Water*: 9.56 ft.
Length of Water Column: 10.46 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 905
Initial Observations: Color: Clear Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.25	13.52	5.95	40.29	-2.90	0.28	9.25	220	1.020
10	10.96	13.69	5.95	40.47	4.50	0.15	9.56	220	
15	12.4	13.98	5.95	40.37	8.10	0.10	6.10	220	
20	12.9	14.61	5.95	39.98	8.90	0.09	5.16	220	
25	13.51	14.93	5.96	39.68	7.80	0.09	5.06	220	
30	13.9	15.20	5.97	39.53	5.40	0.09	3.79	220	
35	14.43	15.32	5.95	39.48	2.60	0.10	4.22	220	
40	14.89	15.50	5.99	39.4	-2.60	0.11	5.21	220	
45	15.01	15.56	6.00	39.32	-7.90	0.13	3.22	220	
50	15.01	15.70	6.01	29.35	-13.4	0.15	2.91	220	
55	15.01	15.75	6.02	39.33	-15.6	0.12	2.64	220	
60	15.01	15.78	6.03	39.27	-18.9	0.11	1.54	220	
65	15.01	15.83	6.06	39.04	-24.0	0.08	1.15	220	
70	15.01	15.92	6.08	38.89	-28.5	0.09	1.03	220	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1020 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.022
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0352-01 **Sample Time:** 1050

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-11-16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 40°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.97 ft. bmp
Depth to Water*: 8.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 8:58
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.42	16.34	7.04	11.09	45.80	0.22	12.8	220	1.004
10	9.81	16.34	7.06	12.13	37.10	0.08	23.2	220	
15	10.10	16.24	7.05	12.47	31.10	0.08	21.8	220	
20	10.33	16.11	7.06	12.69	26.60	0.08	22.2	220	
25	10.51	16.02	7.06	12.98	25.40	0.08	15.5	220	
30	10.64	15.75	7.05	13.32	26.20	0.08	14.5	220	1.004
35	10.75	15.48	7.06	13.52	27.60	0.07	38.1	220	
40	10.83	15.33	7.07	13.27	25.90	0.09	46.2	220	
45	10.91	15.30	7.07	13.17	23.70	0.09	71.8	220	
50	10.98	15.30	7.07	12.95	21.50	0.08	109.9	220	
55	11.06	15.21	7.07	12.70	19.90	0.10	110	220	1.004
60	11.15	15.31	7.06	12.28	17.00	0.10	64	220	
65	11.22	15.04	7.08	11.45	7.00	0.07	1255 AU	220	
70	11.28	15.03	7.10	11.16	2.40	0.09	1233 AU	220	
75	11.34	15.06	7.11	11.10	-0.80	0.07	1151 AU	220	
80	11.38	14.95	7.10	10.97	-2.60	0.07	1016 AU	220	1.004
85	11.42	14.99	7.11	10.94	-4.40	0.06	744 AU	220	
90	11.45	15.14	7.12	10.83	-6.00	0.06	652 AU	220	
95	11.49	15.12	7.12	10.76	-7.40	0.08	759 AU	220	
100	11.52	15.21	7.12	10.78	-8.30	0.05	184 NTU	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:58 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-MW0352-02 **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-1175

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: CAH | Date: 10-11-16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	11.54	15.25	7.13	10.71	-9.70	0.04	136 NTU	220	1.004
110	11.59	15.24	7.14	10.66	-10.90	0.04	127 NTU	220	
115	11.65	15.08	7.15	10.50	-11.00	0.10	98 NTU	220	
120	11.68	15.16	7.16	10.44	-13.30	0.03	126 NTU	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: LOWFLOW | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/11/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 40's-50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.98 ft. bmp
Depth to Water*: 9.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1057
Initial Observations: Color: Clear Odor: ~~NONE~~ Sulfur Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.85	12.93	6.63	29.81	-16.8	0.06	11.44	500	1.016
10	9.9	12.48	6.57	30.31	-8.6	0.04	97.0	500	
15	9.92	12.41	6.52	34.15	-6.9	0.02	70.0	500	
20	9.92	12.38	6.46	55.33	-9.9	0.02	46.6	500	
25	9.92	12.36	6.48	59.69	-10.70	0.01	21.7	500	
30	9.92	12.37	6.48	61.56	-11.2	0.01	12.7	500	
35	9.92	12.38	6.46	62.09	-11.70	0.01	12.46	500	
~~40~~	9.92	12.38	6.46	62.53	-11.70	0.01	9.78	500	
45	9.92	12.40	6.49	63.85	-11.6	0.01	10.06	500	
50	9.92	12.42	6.48	63.88	-11.4	0.01	8.35	500	
55	9.92	12.39	6.49	64.19	-11.4	0.01	7.48	500	
60	9.92	12.40	6.49	64.39	-11.4	0.01	6.94	500	
65	9.92	12.43	6.49	64.72	-11.3	0.00	7.15	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1203 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.034
Final Observations: Color: Clear Odor: NONE Sheen/Free Product: NONE

Sample ID: SB915-0352-03 **Sample Time:** 1220

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-11-16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.08 ft. bmp
Depth to Water*: 4.82 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:21
Initial Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.41	17.89	7.16	3.35	127.00	1.96	37.9	500	1.002
10	6.64	18.74	6.99	2.17	123.60	0.80	29.5	500	
15	6.68	18.68	6.94	2.20	119.40	0.72	40.3	500	
20	6.70	18.97	7.00	7.70	117.20	0.69	24.2	500	
25	6.72	18.87	6.98	1.53	115.20	0.80	14.7	500	
30	6.74	19.03	6.95	1.45	115.40	0.85	10.38	500	
35	6.75	18.89	6.95	1.40	113.10	0.94	7.64	500	1.000
40	6.76	19.04	6.94	1.36	114.60	0.99	7.26	500	
45	6.78	19.03	6.94	1.33	123.20	1.03	5.59	500	
50	6.80	19.06	6.93	1.29	122.00	1.22	7.26	500	
55	6.83	19.32	6.92	1.44	126.90	1.58	5.11	500	
60	6.87	19.23	6.92	1.25	138.60	1.86	6.91	500	
65	6.88	19.29	6.88	1.24	147.00	1.83	10.94	500	1.000
70	6.88	19.41	6.88	1.24	154.20	1.40	6.30	500	
75	6.88	19.41	6.85	1.19	163.10	2.04	4.70	500	
80	6.89	19.39	6.81	1.18	167.00	2.25	4.61	500	
85	6.89	19.37	6.82	1.20	172.10	2.22	4.33	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:46 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0352-04 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/11/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 60 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: ~~7.9~~ 96.37 ft. bmp
Depth to Water*: 7.9 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1405
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~7.95~~	11.41	6.84	~~12.84~~	-363	0.83	4.86	500	1.008
10	7.95	11.32	6.78	12.88	-33.9	0.70	3.45	500	
15	7.95	11.27	6.77	12.89	-32.8	0.73	3.43	500	
20	7.95	11.23	6.76	12.89	-32.0	0.78	2.15	500	
25	7.95	11.18	6.75	12.9	-31.4	0.75	2.42	500	
30	7.95	11.16	6.75	12.91	-30.93	0.74	1.78	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1436 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0352-05 **Sample Time:** 1450

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-11-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.27 ft. bmp
Depth to Water*: 11.02 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:49
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.55	16.30	6.97	1.63	181.90	5.44	1.01	330	1.000
10	11.98	16.11	6.94	1.62	173.70	4.72	0.40	330	
15	12.39	16.14	6.94	1.61	170.80	4.40	0.71	330	
20	12.77	16.19	6.93	1.61	169.10	4.08	0.40	330	
25	13.19	16.16	6.92	1.61	167.70	3.83	0.37	330	
30	13.68	16.10	6.91	1.60	165.70	3.36	0.45	330	1.000
35	14.13	15.78	6.90	1.61	159.90	2.80	0.50	330	
40	14.67	15.66	6.90	1.62	157.30	2.60	0.55	330	
45	15.14	15.60	6.89	1.63	154.70	2.27	0.49	330	
50	15.15	16.22	6.91	1.65	151.50	2.09	0.62	140	
★ 55	15.25							140	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:45 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0352-06 **Sample Time:** 15:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ★ Phone diel- sampling

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Peri | Field Personnel: TSD

Site Location: Camillus, NY | Pump Type Used: | Date: 01/13/16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 96.50 ft. bmp

Depth to Water*: 24.54 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time: 1205

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.22	11.93	6.96	2.85	-32.5	0.15	4.53	300	1.006
10	26.5	11.73	6.9	2.88	-25.4	0.11	2.02	300	
15	26.71	11.59	6.86	2.87	-22.7	0.09	6.2	300	
20	26.8	11.59	6.86	2.88	-21.8	0.08	9.77	300	
25	26.85	11.47	6.86	2.89	-20.7	0.08	7.66	300	
30	26.83	11.40	6.86	2.89	-18.8	0.07	4.65	300	
35	26.85	11.47	6.86	2.90	-18.3	0.07	3.83	300	
40	26.85	11.32	6.85	2.91	-17.4	0.07	3.11	300	
45	26.85	11.41	6.85	2.91	-17.1	0.08	2.99	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1252 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0353-02 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA08808
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Peri | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: | Date: 10/13/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 64.91 ft. bmp
Depth to Water*: 30.03 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 858
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.03	12.00	6.72	0.85	-106.9	0.19	15.8	300	1.000
10	30.05	11.54	6.85	0.87	-108.9	0.12	14.5	300	
15	30.05	11.45	6.93	0.89	-108.0	0.09	20.3	300	
20	30.05	11.40	6.93	0.92	-107.4	0.08	18.6	300	
25	30.05	11.44	6.96	0.94	-109.4	0.07	16.1	300	
30	30.05	11.4	6.95	0.96	-108.1	0.07	15.3	300	
35	30.05	11.44	6.94	0.98	-107.9	0.07	13.6	300	
40	30.05	11.39	6.95	1.00	-104.0	0.07	11.8	300	
45	30.05	~~6.96~~ 11.38	6.69	1.01	-102.5	0.07	11.1	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 947 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0353-01 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0136
Turbidity Meter:	LaMotte	2020we	FA08808
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 10-17-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Humid, 70°F, Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 27.15 ft. bmp
Depth to Water*: 26.95 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: —

Initial Observations: *Color:* — *Odor:* — *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not	enough	water.							
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/14/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 40's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 26.03 ft. bmp
Depth to Water*: 18.15 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 939
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.15	11.90	6.88	16.65	-60.7	0.07	103.1	500	1.010
10	18.15	11.95	6.85	1666	-57.6	0.04	35.9	500	
15	18.15	11.97	6.83	16.62	-55.8	0.03	15.3	500	
20	18.15	12.00	6.83	16.63	-54.6	0.02	12.87	500	
25	18.15	12.00	6.83	16.63	-53.7	0.02	7.41	500	
30	18.15	12.04	6.83	1657	-52.9	0.02	6.22	500	
35	18.15	12.05	6.83	16.54	-52.3	0.01	4.07	500	
40	18.15	12.09	6.83	16.51	-52.0	0.01	3.69	500	
45	18.15	12.09	6.84	16.47	-51.6	0.01	3.45	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1026 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0354-02 **Sample Time:** 1035

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013726
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: ~~Portable~~ Low Flow | Field Personnel: DMR

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/14/16

Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sunny 50's

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 61.80 ft. bmp

Depth to Water*: 19.20 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 0940

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.2	12.31	6.69	85.20	23.20	0.09	58.0	500	1.046
10	19.2	12.34	6.72	84.40	20.20	0.01	63.8	500	
15	19.2	12.40	6.72	84.00	21.90	0.00	11.67	500	
20	19.2	12.30	6.74	83.30	21.10	-0.00	6.12	500	
25	19.2	12.49	6.75	83.80	19.80	0.04	12.30	500	
30	19.2	12.07	6.76	84.20	17.70	0.03	7.75	506	~~1.042~~
35	19.2	12.05	6.77	84.80	15.00	0.02	5.29	506	1.042
40	19.2	12.30	6.78	84.30	11.50	0.02	4.10	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1020 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.042

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0354-01 **Sample Time:** 1030

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00946
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP / DMR
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/14/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 29.56 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1152
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.8	10.46	6.57	37.7	-28.0	0.11	38.5	360	1.020
10	29.8	10.26	6.51	46.32	-29.3	0.08	40.6	360	
15	29.8	10.23	6.46	47.04	-21.9	0.07	18.9	360	
20	29.8	10.23	6.44	47.41	-20.0	0.06	11.72	360	
25	29.8	10.23	6.42	47.83	-19.6	0.06	8.22	360	
30	29.8	10.23	6.42	48.1	-19.1	0.05	5.91	360	
35	29.8	10.24	6.40	48.69	-18.5	0.05	4.78	360	
40	29.8	10.23	6.40	49.16	-17.6	0.05	4.28	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1234 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0354-03 **Sample Time:** 1250

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0132G
Turbidity Meter:	LaMotte	2020we	FA0080K
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/17/16

Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 50's Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 22.47 ft. bmp

Depth to Water*: 4.7 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 910

Initial Observations: *Color:* Clear *Odor:* NONE *Sheen/Free Product:* NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.15	14.30	6.20	60.81	-6.60	0.12	13.1	400	1.032
10	8.1	14.66	6.25	60.58	20.8	0.89	11.41	400	
15	8.8	14.88	6.27	60.25	9.90	0.79	7.48	400	
20	9.17	14.96	6.26	60.93	2.80	0.48	4.75	400	
25	9.5	14.95	6.24	61.58	4.20	0.32	3.72	400	
30	9.7	14.94	6.22	61.88	6.10	0.23	1.81	400	
35	9.9	14.96	6.22	61.95	7.30	0.17	2.02	400	
40	10.0	14.88	6.21	62.53	5.50	0.15	2.34	400	
45	10.1	14.7	6.21	6309	0.90	0.11	1.90	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 958 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* NONE *Sheen/Free Product:* NONE

Sample ID: SB915-0355-01 **Sample Time:** 1075

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013216
Turbidity Meter:	LaMotte	2020we	FA005608
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-17-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 70°F, humid

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 72.40 ft. bmp
Depth to Water*: 26.86 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:54
Initial Observations: Color: clear Odor: slight sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.02	11.72	6.68	1.50	-82.50	0.29	13.9	500	1.002
10	27.02	11.44	6.83	1.50	-80.40	0.11	7.89	500	
15	27.02	11.45	6.83	1.50	-76.20	0.10	15.8	500	
20	27.03	11.47	6.84	1.50	-74.50	0.09	16.2	500	
25	27.03	11.44	6.85	1.50	-72.50	0.09	13.5	500	
30	27.03	11.52	6.84	1.50	-69.20	0.08	17.9	500	1.000
35	27.03	11.54	6.85	1.50	-65.90	0.08	15.1	500	
40	27.03	11.54	6.86	1.50	-63.30	0.06	13.1	500	
45	27.03	11.46	6.86	1.50	-61.40	0.06	12.1	500	
50	27.03	11.44	6.89	1.50	-61.40	0.06	11.6	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:44 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0355-02 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	EA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-GMW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 9/7/16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 50's cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 8.52 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1030
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.6	12.70	6.77	10.97	-23.7	0.08	10.81	500	1.008
10	8.6	12.48	6.69	10.98	-20.1	0.06	13.4	500	
15	8.6	12.43	6.66	10.97	-18.0	0.05	16.5	500	
20	8.6	12.43	6.64	10.93	-16.5	0.04	12.0	500	
25	8.6	12.40	6.63	10.94	-15.3	0.04	13.0	500	
30	8.6	12.42	6.62	10.88	-14.4	0.03	11.9	500	
35	8.6	12.46	6.62	10.86	-13.7	0.03	11.79	500	
40	8.6	12.45	6.62	10.87	-13.0	0.03	7.2	500	
45	8.6	12.43	6.61	10.87	-12.4	0.03	6.31	500	
50	8.6	12.38	6.61	10.83	-12.0	0.03	4.84	500	
55	8.6	12.47	6.61	10.84	-11.5	0.02	3.41	500	
60	8.6	12.43	6.61	10.83	-10.8	0.03	4.22	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:32 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0355-03 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-17-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloud, drizzle, 70°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 13.57 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:22
Initial Observations: Color: Tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.57	12.46	6.51	105.60	-70.80	0.05	88.7	500	1.058
10	13.57	12.27	6.58	105.20	-74.60	0.03	33.7	500	
15	13.57	12.21	6.62	105.90	-76.00	0.02	26.1	500	
20	13.57	12.18	6.64	104.40	-76.80	0.02	24.2	500	
25	13.57	12.14	6.66	105.90	-76.80	0.02	17.8	500	
30	13.57	12.14	6.67	106.40	-76.90	0.02	16.9	500	
35	13.57	12.21	6.67	105.70	-76.70	0.01	17.8	500	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:58 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.058
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-~~MW-85D~~-0355-04 **Sample Time:** 12:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/17/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 11.8 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1222
Initial Observations: Color: clear / slight cloudyness Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.85	13.21	7.16	125.55	-81.9	0.27	76.9	500	1.074
10	11.85	13.22	6.88	127.04	-45.1	0.17	43.2	500	
15	11.85	13.04	6.52	127.6	-31.1	0.13	23.2	500	
20	11.85	13.02	6.44	127.39	-23.3	0.11	12.8	500	
25	11.85	13.15	6.40	127.55	-19.0	0.10	10.27	500	
30	11.85	13.16	6.38	127.44	-16.3	0.09	8.17	500	
35	11.85	13.22	6.36	127.18	-14.2	0.08	5.87	500	
40	11.85	13.07	6.35	127.06	-12.3	0.08	4.68	500	
45	11.85	13.20	6.34	127.39	-11.4	0.07	3.11	500	
50	11.85	13.11	6.34	127.96	-10.5	0.07	2.43	500	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1313 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.078

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0355-05 **Sample Time:** 1325

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-59S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-17-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy, humid, 75°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 21.80 ft. bmp
Depth to Water*: 12.79 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 13:07
Initial Observations: *Color:* tan *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.79	12.94	6.68	21.50	-63.60	0.03	96	500	1.012
10	12.79	12.59	6.82	21.70	-65.70	0.02	62.5	500	
15	12.79	12.46	6.84	21.80	-66.10	0.01	20.5	500	
20	12.79	12.46	6.85	21.80	-66.30	0.00	11.1	500	
25	12.79	12.46	6.85	21.80	-66.50	0.00	5.86	500	
30	12.79	12.46	6.86	21.90	-66.60	0.00	3.84	500	
35	12.79	12.38	6.86	21.80	-66.50	0.00	2.76	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:42 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0355-06,07 (FD) **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 10-17-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 70°F

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 39.45 ft. bmp

Depth to Water*: 33.52 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water for Mod Expanded Set.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:** NA

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-18-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Sun, 75°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 82.05 ft. bmp
Depth to Water*: 15.62 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:33
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.75	12.15	6.13	113.42	-30.80	0.18	4.97	500	1.066
10	15.75	12.06	6.08	114.44	-23.40	0.13	2.92	500	
15	15.75	11.92	6.08	113.38	-20.60	0.12	1.89	500	
20	15.75	11.92	6.08	113.81	-18.20	0.10	1.93	500	
25	15.75	11.83	6.08	114.60	-16.20	0.09	2.86	500	
30	15.75	11.87	6.08	113.07	-14.50	0.09	2.54	500	1.066
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:03 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.066
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0356-01,02,03 (MS, MSD) **Sample Time:** 10:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: LWB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 60's Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 130.60 ft. bmp
Depth to Water*: 9.80 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:12
Initial Observations: Color: Clear / Brownish in graduated cylinder Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.9	13.72	6.42	183.9	51.5	0.14	56.1	500	1.016
10	9.9	13.45	6.56	184.5	33.8	0.09	43.3	500	
15	9.9	13.36	6.67	180.3	32.0	0.08	35.5	500	
20	9.9	13.33	6.72	180.5	31.7	0.06	23.6	500	
25	9.9	13.26	6.75	179.6	30.9	0.06	17.2	500	
30	9.9	13.22	6.77	179.0	31.10	0.05	20.5	500	
35	9.9	13.26	6.78	179.4	32.9	0.05	20.6	500	
40	9.9	13.22	6.78	178.7	32.5	0.04	27.1	500	
45	9.9	13.22	6.78	175.3	32.2	0.04	22.6	500	
50	9.9	13.22	6.78	178.1	31.5	0.04	20.5	500	
55	9.9	13.23	6.78	178.2	31.3	0.03	24.2	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:08 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.122
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0356-04 **Sample Time:** 1025

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-18-16
Project #: 1163.63443 | Pump/Controller ID#: FAO | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 11.74 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:55
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU) †	Flow Rate (mL/min)	Specific Gravity
* 5	16.20	14.04	10.92	24.35	-257.80	0.00	48.2	430	1.012
10	16.00	13.78	10.82	25.00	-286.30	0.00	62.3	430	
15	16.31	13.79	10.52	25.77	-351.30	0.00	53.0	430	
20	16.53	13.79	10.22	25.99	-417.30	0.00	42.7	430	
25	16.68	13.79	9.63	26.37	-451.90	0.00	40.6	430	
30	16.74	13.79	9.28	26.50	-482.40	0.00	34.3	430	1.012
35	16.75	13.76	9.19	26.54	-505.50	0.00	39.4	430	
40	16.82	13.76	9.00	26.74	-509.70	0.00	31.8	430	
45	16.87	13.80	8.79	27.01	-506.00	0.00	26.8	430	
50	16.89	13.71	8.74	27.07	-514.60	0.00	22.2	430	
55	16.90	13.71	8.70	27.09	-520.20	0.00	23.5	430	1.012
60	16.90	13.66	8.66	27.10	-522.40	0.00	23.4	430	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:55 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: light white Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0356-05 **Sample Time:** 12:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	F401326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: * replaced attachment on Insitu - did not record readings.
† sample precipates

Low Flow Groundwater Sampling Log

Well ID: MW18-MW14D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: 80's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.75 ft. bmp
Depth to Water*: 6.56 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10 25
Initial Observations: Color: Clear Odor: Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.9	14.73	6.64	55.2	39.7	0.05	10.34	300	1.032
10	10.8	16.16	6.56	55.7	38.5	0.05	8.38	200	
15	11.28	16.33	6.52	55.9	37.6	0.04	9.61	200	
20	11.6	16.33	6.49	55.8	36.4	0.03	12.1	200	
25	11.89	16.42	6.49	55.9	34.4	0.02	16.0	200	
30	12.15	16.47	6.48	55.6	32.9	0.02	20.3	200	
35	12.3	16.33	6.47	55.7	30.1	0.02	20.6	200	
40	12.4	16.49	6.47	55.5	28.2	0.01	24.0	200	
45	12.4	16.65	6.46	55.4	27.1	0.01	24.3	200	
50	12.4	16.52	6.46	55.7	26.2	0.01	23.1	200	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1137 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0356-06 **Sample Time:** 12 00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-18-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sny 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 6.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:03
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.89	19.31	10.82	19.04	-284.90	0.04	10.07	500	1.008
10	7.02	19.13	10.86	19.49	-290.60	0.03	3.98	500	
15	7.07	19.10	10.95	19.94	-293.20	0.02	2.98	500	
20	7.13	19.12	11.00	20.25	-294.10	0.02	2.89	500	
25	7.15	19.08	11.03	20.61	-294.60	0.01	2.86	500	
30	7.19	19.09	11.06	20.95	-294.70	0.01	2.54	500	
35	7.21	19.11	11.09	21.18	-294.00	0.02	2.59	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:38 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0356-07 **Sample Time:** 13:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00608
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915 - IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBF

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/16

Project #: 1163.63443 | Pump/Controller ID#: FA0123S | Weather: 80 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 15.35 ft. bmp

Depth to Water*: 6.00 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 13:03

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.35	18.61	9.42	19.0	-14.9	0.03	8.41	500	1.010
10	6.57	18.36	9.85	18.0	-11.6	0.08	2.40	500	
15	6.6	18.36	10.05	18.4	-12.5	0.05	1.24	500	
20	6.7	18.42	10.18	18.6	-15.9	0.01	0.82	500	
25	6.7	18.34	10.27	18.9	-20.2	0.00	0.72	500	
30	6.7	18.34	10.34	19.1	-23.4	0.00	0.69	500	
35	6.7	18.36	10.40	19.3	-25.4	0.01	0.85	500	
40	6.7	18.26	10.42	19.6	-26.1	0.01	1.51	500	
45	6.7	18.25	10.4	19.7	-25.0	0.01	1.31	500	
50	6.7	18.25	10.46	20.0	-26.7	0.01	0.86	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:55 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0356-08 **Sample Time:** 14:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0136 25
Turbidity Meter:	LaMotte	2020we	FA0208 23
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 58 Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.32 ft. bmp
Depth to Water*: 17.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
✓ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 858
Initial Observations: Color: Slightly cloudy Odor: Organics Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.4	13.19	6.62	35.74	-104.9	0.15	88.2	230	1.020
10	19.85	12.87	6.79	35.84	-111.8	0.09	93.0	230	
15	20.4	12.78	6.87	35.31	-114.5	0.08	73.1	230	
20	20.8	12.76	6.92	34.18	-112.7	0.06	64.0	230	
25	21.1	12.74	6.93	32.69	-108.9	0.06	53.4	230	
30	21.3	12.73	6.93	31.04	-104.4	0.05	42.8	230	
35	21.45	12.68	6.92	29.58	-98.8	0.05	41.3	230	
40	21.6	12.69	6.91	28.45	-93.5	0.05	30.9	230	
45	21.7	12.67	6.90	27.38	-89.5	0.04	24.8	230	
50	21.75	12.69	6.89	26.63	-86.7	0.04	15.9	230	
55	21.8	12.66	6.88	25.68	-84.6	0.04	16.7	230	
60	21.88	12.63	6.87	24.98	-82.6	0.04	13.7	230	
65	21.92	12.59	6.87	24.52	-81.1	0.04	13.1	230	
70	21.92	12.53	6.86	23.98	-80.0	0.03	11.9	230	
75	21.95	12.51	6.86	23.49	-79.5	0.03	11.2	230	
80	21.98	12.55	6.86	22.89	-78.5	0.03	9.79	230	
85	21.98	12.55	6.86	22.54	-78.3	0.03	10.95	230	
90	22.0	12.57	6.86	22.2	-77.9	0.03	9.49	230	
95	22.0	12.63	6.86	21.87	-77.6	0.03	6.97	230	
100	22.0	12.6	6.86	21.45	-77.4	0.03	7.54	230	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056 Total volume of groundwater purged: 9.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0357-01 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00976
Other:			

Notes: _____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-109 I

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 10/19/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	22.05	12.67	6.86	21.22	-77.2	0.03	6.46	230	
110	22.07	12.55	6.85	21.08	-77.0	0.03	6.29	230	
115	22.1	12.55	6.85	20.83	-76.9	0.03	5.58	230	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-19-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 122.34 ft. bmp
Depth to Water*: 18.37 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:06
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.61	12.67	7.00	29.30	-100.00	0.06	3.04	500	1.016
10	18.81	12.47	7.07	29.90	-129.40	0.03	1.98	500	
15	18.94	12.53	7.12	30.70	-142.30	0.02	1.86	400	
20	19.12	12.56	7.15	31.80	-154.60	0.02	1.30	400	
25	19.25	12.58	7.20	32.70	-165.40	0.01	1.61	400	
30	19.40	12.58	7.23	34.10	-169.00	0.00	1.49	400	1.020
35	19.54	12.58	7.24	35.00	-160.30	0.00	1.71	400	
40	19.69	12.58	7.24	36.10	-154.80	0.00	1.77	400	
45	19.84	12.59	7.22	37.20	-149.00	0.00	0.44	400	
50	19.97	12.59	7.20	38.70	-141.00	0.00	0.96	400	
55	20.10	12.60	7.15	42.50	-132.10	0.00	1.59	400	1.026
60	20.22	12.62	7.14	43.10	-129.60	0.00	0.81	400	
65	20.30	12.72	7.12	43.70	-131.20	0.00	1.66	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:11 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0357-02 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01238
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16

Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Cloudy 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: ~~25.05~~ 24.35 ft. bmp

Depth to Water*: 9.08 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:00

Initial Observations: *Color:* Slightly Cloudy *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~	9.91	12.44	6.14	60.62	-104.6	0.08	50.4	430	1.031
10	9.86	12.34	6.24	46.72	-107.6	0.07	31.7	420	
15	9.84	12.24	6.30	39.23	-109.6	0.06	23.0	410	
20	9.84	12.24	6.34	37.62	-110.3	0.05	17.1	410	
25	9.84	12.20	6.38	33.22	-111.1	0.05	16.6	410	
30	9.84	12.16	6.40	30.57	-111.8	0.05	14.0	410	
35	9.84	12.14	6.41	29.75	-111.4	0.04	12.4	410	
40	9.84	12.15	6.42	28.34	-111.4	0.04	11.6	410	
45	9.84	12.10	6.44	27.52	-111.3	0.04	12.9	410	
50	9.84	12.10	6.47	24.55	-112.8	0.04	11.1	410	
55	9.84	12.05	6.46	24.94	-111.8	0.04	12.56	410	
60	9.84	12.02	6.48	23.61	-112.4	0.03	10.91	410	
65	9.84	11.97	6.47	24.15	-111.6	0.04	11.41	410	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.014

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-6357-63 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FAO 2448 | Weather: Cloudy 60°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 65.70 ft. bmp
Depth to Water*: 9.43 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:32

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.45	12.11	6.31	84.45	-34.10	0.15	20.7	500	1.048
10	9.45	12.02	6.32	83.41	-35.5	0.12	18.3	500	
15	9.45	12.01	6.31	83.24	-33.3	0.12	18.1	500	
20	9.45	11.93	6.31	83.24	-32.8	0.09	8.47	500	
25	9.45	11.87	6.31	83.46	-33.10	0.08	9.14	500	
30	9.45	11.83	6.32	83.31	-32.9	0.09	5.80	500	
35	9.45	11.80	6.32	83.54	-32.7	0.07	3.29	500	
40	9.45	11.74	6.31	83.45	-32.4	0.08	3.51	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:12 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.046

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0357-04 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-19-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.75 ft. bmp
Depth to Water*: 20.05 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:36
Initial Observations: Color: light green Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.10	12.68	7.04	24.70	-52.70	0.04	54.8	500	1.016
10	20.08	12.52	6.93	27.00	-56.80	0.02	33.6	500	
15	20.09	12.49	6.88	27.70	-57.50	0.01	18.0	500	
20	20.10	12.44	6.84	27.60	-58.30	0.00	17.1	500	
25	20.10	12.39	6.82	27.50	-58.60	0.00	14.8	500	
30	20.10	12.39	6.80	27.50	-58.80	0.00	13.6	500	1.016
35	20.10	12.37	6.79	27.60	-59.20	0.00	12.5	500	
40	20.10	12.42	6.78	27.50	-59.20	0.00	11.5	500	
45	20.10	12.49	6.77	27.30	-59.40	0.00	7.52	500	
50	20.10	12.58	6.76	27.20	-59.10	0.00	5.71	500	
55	20.10	12.57	6.76	27.10	-59.20	0.00	5.31	500	
60	20.10	12.67	6.75	27.30	-59.10	0.00	3.76	500	1.016
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:36 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.016
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0357-05 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1095

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 60 cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.48 ft. bmp
Depth to Water*: 4.65 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1122
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.8	16.17	10.06	39.11	-194.8	0.03	6.37	500	1.018
10	4.8	16.36	10.09	38.06	-188.5	0.01	5.76	500	
15	4.8	16.55	10.12	37.68	-184.4	0.00	4.42	500	
20	4.8	16.53	10.47	37.73	-182.6	0.00	4.14	500	
25	4.8	16.43	10.59	37.83	-181.1	0.00	2.13	500	
30	4.8	16.36	10.64	37.85	-180.1	0.00	1.58	500	
35	4.8	16.4	10.69	37.82	-179.3	0.00	2.46	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1154 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0357-06 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-19-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.82 ft. bmp
Depth to Water*: 12.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:57
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.62	14.35	6.76	10.80	-54.30	0.11	16.0	500	1.008
10	12.62	14.31	6.66	10.20	-55.10	0.07	9.48	500	
15	12.62	14.13	6.61	9.90	-54.80	0.04	6.69	500	
20	12.62	14.16	6.59	9.50	-55.30	0.04	6.29	500	
25	12.62	14.17	6.57	9.60	-55.30	0.04	4.38	500	
30	12.62	14.13	6.55	9.40	-54.90	0.03	3.74	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:27 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0357-07 **Sample Time:** 12:35

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Cloudy 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 99.15 ft. bmp
Depth to Water*: 9.50 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:57
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.55	12.29	6.14	121.87	-12.5	0.05	4.76	500	1.068
10	9.55	12.29	6.17	122.26	-16.0	0.03	7.26	500	
15	9.55	12.13	6.17	122.78	-16.0	0.02	3.78	500	
20	9.55	12.11	6.17	122.91	-16.7	0.02	4.45	500	
25	9.55	12.11	6.18	123.77	-17.4	0.01	4.78	500	
30	9.55	12.10	6.19	123.26	-18.2	0.01	4.03	500	
35	9.55	12.10	6.20	123.29	-18.8	0.01	2.83	500	1.072
40	9.55	12.10	6.21	123.78	-19.3	0.01	3.78	500	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:37 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.072
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0357-08 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00608
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-1WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Cloudy 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.64 ft. bmp
Depth to Water*: 11.04 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1350

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.10	13.70	6.43	70.40	-13.80	0.13	1.98	460	1.048
10	11.10	13.43	6.45	71.10	-6.80	0.09	1.50	460	
15	11.10	13.17	6.47	71.20	-5.80	0.06	0.42	460	
20	11.10	12.94	6.48	71.40	-6.00	0.06	0.33	460	
25	11.10	12.85	6.48	71.80	-6.50	0.04	0.26	460	
30	11.10	12.80	6.48	71.40	-6.90	0.04	0.40	460	
35	11.10	12.78	6.48	71.50	-7.40	0.04	0.16	460	1.048
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1425 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.048

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0357-09 **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 60's Sunny Partly cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 10.00 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1348
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.0	13.79	8.32	20.72	-64.2	0.06	6.89	500	1.010
10	10.0	13.37	7.91	20.96	-48.7	0.04	1.93	500	
15	10.0	13.22	7.59	21.07	-42.9	0.04	1.53	500	
20	10.00	13.05	7.35	21.13	-38.8	0.02	1.64	500	
25	10.00	13.01	7.18	21.06	-35.9	0.02	1.30	500	
30	10.00	13.01	7.05	21.04	-33.5	0.02	1.68	500	
35	10.0	13.14	6.97	21.03	-31.4	0.01	1.64	500	
40	10.0	13.37	6.91	20.92	-29.8	0.01	2.63	500	
45	10.0	13.24	6.88	20.9	-28.5	0.01	1.71	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1435 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0357-10 **Sample Time:** 1445

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 10-19-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloud, 60°F

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 14.60 ft. bmp

Depth to Water*: DRY ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-035

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/20/16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Rain 60°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 26.17 ft. bmp
Depth to Water*: 9.50 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:15
Initial Observations: Color: Clear Odor: Gas Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.79	14.19	6.57	57.69	-122.3	0.10	6.08	290	1.030
10	11.46	14.19	6.53	57.12	-125.4	0.08	11.4	290	
15	11.58	14.28	6.52	52.27	-128.3	0.06	5.13	290	
20	11.61	14.37	6.51	48.79	-127.6	0.06	32.1	290	
25	11.83	14.46	6.50	46.74	-123.10	0.06	62.1	290	
30	12.14	14.52	6.48	45.44	-118.70	0.05	86.4	290	
35	12.39	14.53	6.47	44.97	-115.7	0.05	96.4	290	
40	12.66	14.51	6.46	44.50	-115.1	0.06	91.8	250	
45	12.90	14.50	6.45	45.73	-115.5	0.06	71.7	250	
50	13.09	14.50	6.45	46.05	-115.8	0.06	63.2	250	
55	13.26	14.47	6.45	46.44	-116.1	0.05	50.3	250	
60	13.43	14.46	6.45	46.76	-116.1	0.06	37.2	250	
65	13.60	14.41	6.44	47.41	-116.3	0.06	28.0	250	
70	13.78	14.42	6.44	47.96	-116.3	0.06	21.0	250	
75	13.91	14.36	6.44	48.58	-116.2	0.06	18.2	250	
80	14.06	14.28	6.43	49.23	-116.2	0.06	16.2	250	
85	14.20	14.28	6.42	49.80	-116.1	0.06	17.0	250	
90	14.33	14.28	6.41	50.45	-116.0	0.06	17.5	250	
95	14.44	14.23	6.41	50.98	-116.0	0.06	14.1	250	
100	14.61	14.20	6.40	52.23	-116.7	0.06	10.89	250	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:10 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.026
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0358-01,02 (FD) BOD **Sample Time:** 11:40

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ____

O'BRIEN & GERE **Low Flow Groundwater Sampling Log** | **Well ID:** SB915-MW-035

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: MDM | Date: 10/20/16

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	14.73	14.19	6.39	52.52	-116.4	0.06	11.2	250	
110	14.83	14.21	6.39	52.96	-116.1	0.06	8.37	250	
115	14.93	14.19	6.38	53.01	-116.1	0.06	8.22	250	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: CA Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-20-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Rain, 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.31 ft. bmp
Depth to Water*: 7.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:16

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.55	16.28	6.32	40.30	-49.00	0.23	6.31	480	1.022
10	10.44	16.40	6.38	33.40	-54.70	0.17	5.62	480	
15	11.03	16.45	6.35	34.50	-52.20	0.13	4.78	480	
20	11.42	16.38	6.32	36.70	-50.00	0.12	4.53	480	
25	11.66	16.37	6.29	38.40	-48.10	0.10	5.41	480	
30	11.90	16.33	6.28	38.80	-46.90	0.09	5.46	480	
35	12.10	16.28	6.27	38.70	-46.00	0.08	6.17	480	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:51 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.018

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0358-03 **Sample Time:** 10:00

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00496
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-20-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather:

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 8.67 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:21
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.62	16.71	6.35	25.30	-75.10	0.09	11.54	480	1.012
10	9.83	17.30	6.41	24.40	-78.70	0.15	8.24	480	
15	10.32	17.36	6.42	23.10	-75.30	0.08	3.69	480	
20	10.85	17.27	6.41	21.90	-72.20	0.05	2.65	480	
25	11.37	17.29	6.37	23.50	-76.30	0.07	5.28	480	
30	11.64	16.88	6.33	24.50	-72.80	0.07	4.39	320	
35	11.90	16.73	6.30	25.00	-68.30	0.08	3.17	320	
40	12.08	16.41	6.26	25.20	-63.90	0.09	3.70	360	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:01 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0358-04 **Sample Time:** 11:15

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/20/16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: SOS Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.7 ft. bmp
Depth to Water*: 17.35 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1014
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.4	11.51	6.80	71.0	-0.50	0.07	27.6	460	1.044
10	17.4	11.43	6.83	70.69	-6.6	0.03	31.6	460	
15	17.4	11.39	6.83	70.91	-10.5	0.01	15.2	460	
20	17.4	11.37	6.82	69.88	-12.90	0.01	12.06	460	
25	17.4	11.36	6.82	69.94	-15.0	0.00	7.62	460	
30	17.4	11.35	6.82	69.27	-17.0	0.00	4.64	460	
35	17.4	11.35	6.81	70.35	-20.7	0.00	3.13	460	
40	17.4	11.35	6.81	70.2	-22.7	0.00	2.93	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1103 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.042
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0358-05 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/21/16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 50's Rain

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 13.8 ft. bmp
Depth to Water*: 8.16 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 904
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.2	12.36	6.72	97.05	1.5	0.07	70.5	500	1.052
10	8.2	12.09	6.71	96.08	-17.1	0.04	57.1	500	
15	8.2	11.99	6.7	96.24	-18.4	0.04	49.3	500	
20	8.2	11.91	6.69	95.95	-18.4	0.03	28.2	500	
25	8.2	11.86	6.67	95.97	-17.6	0.03	18.2	500	
30	8.2	11.83	6.66	95.95	-16.5	0.02	14.2	500	
35	8.2	11.79	6.63	95.62	-16.4	0.02	12.5	500	
40	8.2	11.77	6.61	95.81	-14.3	0.02	10.59	500	
45	8.2	11.47	6.60	96.14	-13.3	0.02	8.43	500	
50	8.2	11.72	6.58	95.53	-12.4	0.02	7.43	500	
55	8.2	11.7	6.57	90.12	-11.5	0.02	6.60	500	
60	8.2	11.68	6.55	95.66	-10.7	0.02	5.71	500	
65	8.2	11.67	6.54	95.66	-10.00	0.02	5.10	500	
70	8.2	11.67	6.53	95.72	-9.4	0.02	3.9	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1015 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.052
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0359-01,02,03 (MS/MSD) **Sample Time:** 1045

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA07023
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 10/20/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 56 Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.8 ft. bmp
Depth to Water*: 15.5 ft.
Length of Water Column: ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 910
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.98	13.03	7.08	10.91	47.4	0.82	5.15	100	1.010
10	16.1	12.84	7.09	10.93	33.2	0.63	3.78	100	
15	16.2	12.7	7.10	11.01	32.0	0.51	3.59	100	
20	16.31	12.62	7.12	11.13	27.6	0.43	2.67	100	
25	16.4	12.58	7.14	11.24	24.6	0.41	2.64	100	
30	16.5	12.53	7.16	11.39	22.5	0.34	3.71	100	
35	16.6	12.53	7.18	11.52	20.8	0.37	4.82	100	
40	16.7	12.47	7.19	11.6	18.9	0.48	6.21	100	
45	16.75	12.44	7.21	11.79	17.5	0.56	7.3	100	
50	16.82	12.53	7.24	12.08	19.0	3.49	7.8	100	
10:05	10/20/16	Purging	well	Dry	NO	Readings		Taken	
~~11:20~~	~~10/21/16~~								
11:20	10/21/16								
	13.47	13.03	7.13	14.28	30.5	[redacted]	19.5		1.006
						4.03			
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). **Specific Gravity:** 1.000
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0359-~~10/21~~10/20/16 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/21/16
Project #: 1163.63443 | Pump/Controller ID#: ~~FA01326~~ FA02448 | Weather: Steady Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.10 ft. bmp
Depth to Water*: 8.8 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0900
Initial Observations: *Color:* Clear *Odor:* None/slight sulfur *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.65	13.97	7.45	60.29	-86.90	0.04	5.65	500	1.032
10	9.65	14.30	7.26	59.68	-133.60	0.02	9.46	500	
15	9.65	14.49	7.41	44.40	-143.60	0.03	5.00	500	
20	9.50	14.66	7.57	30.66	-152.70	0.03	3.00	500	
25	9.35	14.75	7.67	23.74	-158.80	0.03	3.99	500	
30	9.35	14.85	7.71	19.66	-161.90	0.03	2.60	500	
35	9.35	14.89	7.75	16.64	-162.80	0.03	1.89	500	
40	9.35	14.93	7.75	15.28	-160.30	0.05	2.64	500	
45	9.20	14.91	7.77	13.71	-156.70	0.07	2.37	500	
50	9.10	14.88	7.76	12.97	-151.50	0.10	1.85	500	
55	9.10	14.84	7.77	11.85	-146.60	0.13	2.35	500	
60	9.10	14.87	7.77	11.35	-141.70	0.17	2.23	500	
65	9.10	14.96	7.76	10.84	-137.60	0.21	1.95	500	
70	9.10	14.92	7.78	10.60	-135.50	0.26	2.38	500	
75	9.10	15.01	7.77	10.24	-129.90	0.32	2.02	500	
80	9.10	15.02	7.78	9.86	-126.70	0.36	1.96	500	
85	9.10	15.06	7.81	8.85	-123.00	0.43	1.91	500	
90	9.10	15.02	7.80	9.07	-116.40	0.49	1.89	500	
95	9.10	14.97	7.81	8.71	-116.30	0.52	2.62	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1035 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.008
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0359-04 **Sample Time:** 1050

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-045

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-24-16
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 45°F, cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 17.84 ft. bmp
Depth to Water*: 9.53 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:58
Initial Observations: Color: Grey Odor: Yes - waste Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.49	15.25	6.54	11.52	-90.40	0.10	9.40	440	1.004
10	10.71	15.44	6.55	12.11	-96.40	0.07	9.30	440	
15*	10.68	15.46	6.58	12.30	-86.00	0.09	9.51	440	
20	10.73	15.38	6.61	12.40	-91.30	0.06	11.6	440	
25	10.82	15.40	6.63	12.55	-93.70	0.05	12.7	440	
30	10.87	15.45	6.65	12.70	-95.80	0.04	11.39	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:28 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: SB915-0360-02 **Sample Time:** 10:40

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00946
Other:			

Notes: * replaced flexible tubing

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/24/16
Project #: 1163.63443 | Pump/Controller ID#: FA026416 | Weather: 47 Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.10 ft. bmp
Depth to Water*: 3.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:54
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.52	13.76	6.97	8.39	-127.1	0.11	14.0	500	1.002
10	4.65	14.15	6.93	8.18	-138.9	0.07	5.69	500	
15	4.65	14.15	6.89	8.39	-142.9	0.06	3.48	500	
20	4.65	14.36	6.89	8.52	-144.9	0.05	3.69	500	
25	4.65	14.36	6.88	8.59	-146.2	0.05	2.13	500	
30	4.65	14.35	6.88	8.64	-147.2	0.05	1.83	500	
35	4.65	14.36	6.87	8.67	-147.7	0.06	1.65	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1030 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.00+/-
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0360-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FP02038
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/25/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 40's Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 39.4 ft.
Length of Water Column: ft.

Well Volume Multipliers:
✓ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 950
Initial Observations: Color: Clear Odor: No Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	40.8	10.55	11.83	74.63	-147.8	0.57	45.7	300	1.034
10	42.29	10.90	12.00	67.94	-149.5	0.18	16.4	300	
15	43.8	10.89	12.04	69.21	-152.6	0.10	13.1	300	
20	44.9	10.90	12.05	70.86	-156.6	0.11	9.79	300	
25	46	10.91	12.05	73.75	-161.1	0.10	8.47	300	
30	47	10.95	12.04	77.82	-168.3	0.08	14.7	300	
** 35	48.2	10.99	12.01	85.61	-182.4	0.05	7.30	300	
40	48.8	10.99	12.01	87.63	-185.2	0.04	7.73	300	
* 45	49.3	10.94	12.0	89.7	-187.9	0.03	5.44	300	
50	49.8	10.95	12.00	90.64	-191.5	0.03	5.14	300	
55	50.2	10.98	12.00	92.13	-193.8	0.03	4.39	300	
60	50.4	11.00	11.99	93.3	-195.6	0.03	4.79	300	
65	50.6	11.00	11.99	94.14	-197.6	0.03	4.97	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1104 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-036I-01 **Sample Time:** 1115

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1326
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: * IPad Reset
** IPad Did Not Record live Readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-25-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 28.34 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:37
Initial Observations: Color: Grey Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.34	10.60	7.21	1.30	73.00	0.66	114	440	1.004
10	28.34	10.51	7.18	1.30	53.40	0.60	95.4	420	
15	28.34	10.51	7.17	1.30	51.80	0.54	80.9	420	
20	28.34	10.42	7.16	1.30	52.20	0.44	57.7	420	
25	28.34	10.38	7.16	1.30	52.80	0.47	49.5	420	
30	28.34	10.36	7.16	1.30	53.60	0.57	28.0	420	1.000
35	28.34	10.37	7.16	1.30	54.90	0.69	21.7	420	
40	28.34	10.37	7.16	1.40	55.20	0.77	14.3	420	
45	28.34	10.42	7.16	1.30	55.70	0.78	11.2	420	
50	28.34	10.37	7.16	1.30	56.70	0.82	9.60	420	
55	28.34	10.35	7.16	1.30	56.60	0.86	7.76	420	
60	28.34	10.33	7.16	1.30	57.10	0.89	6.21	420	
65	28.34	10.33	7.17	1.30	57.30	0.92	5.12	420	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:42 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0361-02 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00946
Other:			

Notes: # iPad did not record, used live readings

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-25-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 42.10 ft. bmp
Depth to Water*: 28.85 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1141

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.8	10.53	11.95	60.53	-158.1	0.18	9.19	300	1.030
10	30.05	10.55	11.92	59.49	-162.5	0.12	8.85	300	
15	30.15	10.63	11.9	60.46	-167.8	0.09	17.0	300	
20	30.2	10.67	11.88	61.35	-170.8	0.13	14.8	300	
25	30.2	10.77	11.86	62.9	-174.2	0.05	12.6	300	
30	30.2	10.72	11.85	64.5	-175.8	0.04	11.8	300	
35	30.2	10.71	11.84	66.22	-173.3	0.04	8.95	300	
40	30.2	10.65	11.84	67.89	-171.9	0.03	6.42	300	
45	30.2	10.62	11.83	69.25	-169.4	0.03	6.08	300	
50	30.2	10.67	11.82	69.19	-167.4	0.03	4.75	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.034

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0361-03 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1326
Turbidity Meter:	LaMotte	2020we	FA0 7023
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-25-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 9.80 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 11:00
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.05	12.41	6.48	119.90	38.40	0.03	12.9	500	1.064
10	15.72	13.32	6.41	118.80	32.80	0.10	138	500	
15	16.70	13.42	6.36	118.20	31.00	0.11	95	500	
20	16.98	12.91	6.34	117.90	29.90	0.11	131	220	
25	17.18	12.55	6.33	117.50	27.80	0.09	656 AU	220	
30	17.31	12.27	6.33	117.60	23.80	0.07	153 NTU	220	
35	17.39	12.21	6.32	117.80	20.80	0.07	178	220	1.062
40	17.52	12.13	6.32	116.60	17.50	0.05	879 AU	220	
45	17.63	12.20	6.30	117.60	14.80	0.05	849 AU	150	
50	17.74	12.18	6.31	176.10	7.30	0.05	132 NTU	150	
55	17.82	12.41	6.30	115.70	3.70	0.05	150	150	
60	17.91	12.45	6.30	115.90	2.30	0.05	120	150	1.062
65	18.00	12.36	6.31	115.50	1.60	0.05	121	150	
70	18.10	12.50	6.30	115.60	1.20	0.05	94.5	150	
75	18.17	12.45	6.30	115.50	1.20	0.06	131	150	
80	18.30	12.50	6.30	115.00	1.10	0.08	94.9	150	1.062
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.062
Final Observations: *Color:* light Grey *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB 915-0361-04 **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00946
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 10/25/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 40's Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.15 ft. bmp
Depth to Water*: 12.4 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1305
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.4	11.05	12.87	9.27	-21.4	3.31	4.11	100	1.006
10	12.5	11.28	12.79	9.20	-15.5	3.18	2.83	130	
15	12.5	11.28	12.77	9.18	-11.0	3.17	2.14	130	
20	12.5	11.32	12.76	9.19	-10.9	3.15	1.53	130	
25	12.5	11.41	12.75	9.18	-5.8	3.17	1.46	130	
30	12.5	11.42	12.74	9.22	-3.9	3.20	2.15	130	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1337 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0361-05 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10-25-16
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 74.20 ft. bmp
Depth to Water*: 6.43 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:05
Initial Observations: Color: light Grey Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.43	12.23	6.54	76.72	3.80	0.08	35.3	500	1.040
10	6.43	12.20	6.53	77.53	3.70	0.05	27.8	500	
15	6.43	12.18	6.52	77.52	3.30	0.04	18.2	500	
20	6.43	12.17	6.52	77.48	2.50	0.03	9.02	500	
25	6.43	12.09	6.52	77.30	1.60	0.03	6.27	500	
30	6.43	12.08	6.52	77.42	0.66	0.02	4.44	500	
35	6.43	12.06	6.51	77.19	-0.30	0.02	3.76	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:40 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.040
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0361-06 **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/28/16
Project #: 1163.63443 | Pump/Controller ID#: FA01194 | Weather: 40's cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 84.84 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 944
Initial Observations: Color: Clear/slight cloudy ness Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	85.9	9.48	7.53	164.05	-146.2	0.47	48.7	300	1.082
10	88.1	9.51	7.53	168.25	-142.4	6.31	78.7	300	
15	90.1	9.56	7.57	167.06	-148.8	0.49	45.8	300	
20	92.0	9.53	7.61	157.96	-143.2	0.68	29.3	300	
25	93.9	9.67	7.6	157.65	-134.8	0.70	16.6	300	
30	95.6	9.67	7.57	176.71	-121.9	0.89	23.2	300	
35	97.25	9.72	7.53	156.65	-112.5	1.12	15.2	300	
40	98.65	9.65	7.50	156.86	-110.1	1.18	15.0	300	
45	100.55	9.76	7.47	156.62	-103.3	1.30	15.8	300	
50	102.05	9.73	7.45	156.26	-97.6	1.41	18.4	300	
55	103.9	9.67	7.43	156.83	-93.3	1.53	20.4	300	
60	105	9.69	7.41	156.5	-88.0	1.59	18.6	300	
65	106.1	9.72	7.39	155.97	-84.6	1.65	18.25	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.086
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* No

Sample ID: SB915-0362-01 **Sample Time:** 1120

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-28-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 40°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 50.32 ft. bmp
Depth to Water*: 29.32 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 9:25
Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.32	10.49	12.60	28.30	-189.80	0.18	32.8	400	1.014
10	32.87	10.48	12.81	28.30	-188.90	0.13	8.26	400	
15	34.36	10.48	12.89	28.20	-187.30	0.11	4.27	400	
20	35.57	10.44	12.92	28.10	-180.40	0.15	3.93	400	
25	36.84	10.44	12.94	28.20	-170.30	0.16	3.14	400	
30	38.02	10.44	12.94	28.30	-159.50	0.14	1.44	400	
35	38.45	10.35	12.95	28.30	-156.20	0.17	2.31	180	
40	38.80	10.34	12.96	28.30	-153.30	0.17	1.65	180	
45	39.19	10.35	12.96	28.30	-147.50	0.23	1.44	180	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:10 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:*

Sample ID: SB915-0362-02 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00946
Other:			

Notes: BOD Sample

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/28/16
Project #: 1163.63443 | Pump/Controller ID#: FPO1194 | Weather: 40's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.0 ft. bmp
Depth to Water*: 36.25 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1140
Initial Observations: Color: clear Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.9	9.67	9.92	40.33	-125.7	0.44	33.3	200	1.022
10	31.45	9.86	9.94	40.59	-119.1	0.31	13.4	200	
15	31.9	9.95	9.93	40.23	-111.4	0.27	11.16	200	
20	32.2	9.96	9.95	41.54	-106.5	0.24	9.89	200	
25	32.6	10.00	10.12	41.3	-104.3	0.23	11.06	200	
30	32.9	10.00	10.34	40.15	-101.9	0.25	8.09	200	
35	33.15	10.07	10.48	36.97	-125.8	0.25	4.69	200	
40	33.35	10.04	10.57	35.38	-135.0	0.31	4.82	200	
45	33.8	10.00	10.62	34.33	-109.9	0.39	3.72	200	
50	34.05	9.99	10.65	34.53	-102.9	0.41	5.37	200	
55	34.3	10.04	10.67	34.69	-104.1	0.40	3.28	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1237 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0362-03 **Sample Time:** 1300

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-28-16
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Cloudy, 40

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 197.90 ft. bmp
Depth to Water*: 78.12 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:08
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	80.45	9.97	9.73	74.90	-100.50	0.65	18.2	500	1.036
10	84.90	10.18	9.05	75.10	-90.40	0.26	16.3	500	
15	89.22	10.22	8.59	71.60	-77.60	0.20	7.97	500	
20	92.73	10.25	8.23	70.40	-81.10	0.17	11.06	500	
25	96.22	10.25	7.96	69.70	-70.40	0.14	22.1	500	
30	99.47	10.28	7.73	69.80	-58.90	0.13	26.9	500	
45	102.50	10.29	7.53	69.30	-47.30	0.12	22.4	500	
50	105.61	10.29	7.36	69.20	-36.50	0.12	24.6	500	
55	109.03	10.35	7.21	69.30	-27.10	0.22	25.9	500	1.032
60	112.25	10.35	7.12	70.10	-26.50	0.45	27.7	500	
65	114.94	10.35	7.05	68.90	-13.60	1.36	32.6	500	
70	118.00	10.38	7.00	68.60	-6.70	1.85	34.8	500	
75	121.11	10.39	6.96	68.90	-3.00	1.99	30.7	500	
80	123.68	10.39	6.93	68.90	-0.50	2.07	28.6	500	
85	126.01	10.37	6.90	68.90	1.00	2.08	26.4	500	
90	126.28	10.39	6.88	68.60	2.00	2.17	26.1	200	
95	126.45	10.36	6.85	68.90	2.70	2.16	26.6	200	
100	126.66	10.34	6.84	69.10	1.60	2.07	24.3	200	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:38 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0362-04 **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/31/16
Project #: 1163.63443 | Pump/Controller ID#: FA01198 | Weather: 45 Partly cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 51.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 935
Initial Observations: Color: V. Slight cloudyness Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	53.5	9.60	12.19	122.74	-196.2	0.29	111	100	1.070
10	53.83	9.26	12.33	122.19	-191.6	0.26	132	100	
15	54.5	9.21	12.39	122.61	-189.1	0.22	144	100	
20	54.9	9.18	12.41	122.21	-188.2	0.19	132	100	
25	55.35	9.17	12.42	122.54	-186.8	0.18	116	100	
30	55.85	9.17	12.44	122.08	-185.3	0.12	99.5	100	
35	56.34	9.20	12.44	122.2	-184.4	0.17	89.6	100	
40	56.6	9.17	12.45	122.39	-183.4	0.16	78.7	100	
45	57.0	9.18	12.45	122.49	-180.4	0.15	62.5	100	
50	57.2	9.21	12.45	122.27	-179.1	0.15	57.4	100	
55	57.45	9.18	12.45	122.49	-180.4	0.15	47.4	100	
60	57.9	9.22	12.45	122.7	-178.1	0.17	46.4	100	
65	58.1	9.24	12.46	122.1	-178.5	0.16	34.3	100	
70	58.4	9.36	12.46	122.32	-179.3	0.17	35.5	100	
75	58.65	9.28	12.46	122.02	-179.0	0.17	34.2	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:53 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.070
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0363-01 **Sample Time:** 11:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0132C
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/31/16
Project #: 1163.63443 | Pump/Controller ID#: FA01194 | Weather: Cloudy 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 51.75 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:05

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	54.42	10.58	12.17	103.05	-138.00	0.39	12.26	165	1.054
10	55.06	10.48	12.20	102.22	-131.3	0.35	8.69	165	
15	56.05	10.53	12.21	102.24	-127.7	0.32	7.84	165	
20	56.61	10.53	12.22	102.17	-126.1	0.32	5.65	130	
25	57.11	10.62	12.22	102.05	-128.40	0.33	5.40	130	
30	57.68	10.62	12.23	102.28	-132.5	0.35	5.23	130	
35	58.14	10.64	12.23	102.23	-137.7	0.37	6.05	130	
40	58.28	10.62	12.23	102.79	-140.4	0.41	6.64	100	
45	58.43	10.57	12.24	102.74	-143.2	0.46	6.26	100	
50	58.61	10.67	12.23	103.09	-152.5	0.47	6.95	100	
55	58.77	10.63	12.24	103.22	-160.2	0.46	5.28	100	
60	58.87	10.62	12.24	104.65	-166.1	0.45	5.10	100	
65	58.95	10.49	12.25	104.48	-170.4	0.45	4.30	100	
70	59.06	10.44	12.25	105.07	-175.7	0.44	3.39	100	
75	59.21	10.48	12.25	105.32	-179.7	0.44	3.93	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.054

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0363-02 (BOD) **Sample Time:** 11:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00608
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 13.48 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:57
Initial Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.33	10.81	6.74	187.70	-19.40	0.26	43.1	500	1.114
10	19.25	10.79	6.71	188.40	-32.40	0.11	28.5	500	
15	21.98	10.79	6.68	188.40	-38.90	0.09	23.8	500	
20	24.71	10.79	6.66	188.80	-41.10	0.07	16.1	500	
25	27.34	10.75	6.65	188.90	-41.90	0.06	13.3	500	
30	29.57	10.80	6.63	189.00	-42.30	0.06	11.7	500	1.116
35	32.81	10.66	6.62	189.60	-42.30	0.05	11.3	500	
40	32.54	10.73	6.61	188.90	-40.90	0.08	11.2	300	
45	32.80	10.65	6.60	189.10	-37.20	0.08	11.2	180	
50	32.89	10.61	6.59	188.90	-35.20	0.08	11.07	180	
55	33.05	10.47	6.59	188.10	-32.30	0.07	11.4	180	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:52 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.116
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0363 ~~-002~~ -03 **Sample Time:** 11:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Cloudy, 45 oF

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 114.77 ft. bmp
Depth to Water*: 14.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:28
Initial Observations: *Color:* Clear *Odor:* Some sulfur *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.15	11.65	6.86	182.60	-65.70	0.21	10.11	500	1.102
10	21.05	11.58	6.98	183.40	-73.20	0.11	7.42	500	
15	24.67	11.48	7.05	182.70	-76.60	0.10	4.86	500	
20	28.22	11.56	7.08	182.90	-78.90	0.08	7.86	500	
25	31.48	11.50	7.10	182.20	-80.40	0.06	6.95	500	
30	34.27	11.53	7.11	182.50	-81.00	0.06	6.52	500	1.102
35	37.89	11.49	7.12	181.90	-80.60	0.06	8.42	500	
40	40.51	11.37	7.12	182.10	-78.90	0.05	7.81	500	
45	43.22	11.30	7.12	181.70	-73.20	0.05	10.38	500	
50	43.92	11.25	7.11	181.00	-68.80	0.07	10.28	180	
55	44.21	11.36	7.10	182.40	-63.20	0.08	8.03	180	
60	44.21	11.16	7.09	182.30	-59.50	0.09	6.99	130	
65	44.18	11.11	7.08	183.60	-57.30	0.09	4.97	130	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:33 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* DB 1.102

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0363-04 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 40

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 123.85 ft. bmp
Depth to Water*: 68.05 ft.
Length of Water Column: ft.

Well Volume Multipliers:
~~4~~ 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1200
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, circle units mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.15	9.88	10.93	1.42	-122.1	0.31	1115	500	1.002
10	68.05	9.87	10.14	1.43	-112.6	0.18	101.8	500	
15	68.05	9.87	9.60	1.54	-101.5	0.13	85.8	500	
20	68.05	9.82	9.19	1.60	-91.3	0.10	65.9	500	
25	68.05	9.83	8.84	1.79	-82.9	0.07	54.5	500	
30	68.05	9.83	8.59	1.81	-76.2	0.06	46.5	500	
35	68.05	9.91	8.73	1.83	-70.2	0.05	37.3	500	
40	68.05	9.98	8.20	1.84	-65.6	0.05	36.6	500	
45	68.05	10.20	8.06	1.84	-61.9	0.04	39.8	500	
50	68.05	10.16	7.97	1.84	-58.3	0.04	32.4	500	
55	68.05	9.89	7.89	1.84	-55.2	0.04	30.4	500	
60	68.05	10.37	7.82	1.84	-52.9	0.03	27.7	500	
65	68.05	9.97	7.78	1.85	-50.2	0.03	25.9	500	
70	68.05	9.92	7.73	1.85	-48.2	0.03	24.6	500	
75	68.05	9.91	7.70	1.85	-46.5	0.03	25.3	500	
80	68.05	9.92	7.68	1.85	-45.5	0.03	24.25	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1322 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0363-06.06 (FD) **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bladder~~ Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/30/16
Project #: 1163.63443 | Pump/Controller ID#: FA01194 | Weather: Cloudy 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.4 ft. bmp
Depth to Water*: 68.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:33
Initial Observations: Color: Light Cloudy Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (circle units) mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.90	10.95	6.70	99.13	-83.2	0.22	68.4	450	1.054
10	68.90	11.09	6.64	104.11	-89.0	0.15	63.0	450	
15	68.90	11.13	6.59	104.02	-87.7	0.12	47.5	450	
20	68.9	11.17	6.56	103.93	-87.6	0.10	37.8	450	
25	68.9	11.18	6.54	103.97	-88.10	0.09	35.1	450	
30	68.9	11.19	6.53	103.93	-89.0	0.07	32.0	450	
35	68.9	11.00	6.52	164.27	-89.40	0.06	31.6	450	
40	68.9	10.95	6.51	104.07	-89.7	0.05	30.6	450	
45	68.9	10.95	6.50	104.03	-90.2	0.05	34.6	450	
50	68.9	10.94	6.50	104.29	-90.5	0.04	33.8	450	
55	68.9	10.90	6.50	104.97	-90.7	0.04	28.0	450	
60	68.9	10.97	6.49	104.25	-90.8	0.04	30.1	450	
65	68.9	11.09	6.49	103.99	-91.1	0.03	29.6	450	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:38 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.054
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-MW-07,08,09 (MS/MSD) **Sample Time:** 1410

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443

Sampling Method: Low Flow
Pump Type Used: Bladder
Pump/Controller ID#: FA00619

Field Personnel: CAH
Date: 10-31-16
Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 159.00 ft. bmp
Depth to Water*: 25.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:14
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.49	11.21	7.06	208.60	-54.60	0.28	12.2	500	1.114
10	30.47	11.26	6.97	209.00	-52.60	0.12	12.4	500	
15	32.66	11.20	6.90	207.90	-50.60	0.10	9.41	500	
20	34.63	11.16	6.85	208.40	-48.30	0.08	7.61	500	
25	36.19	11.26	6.82	209.10	-46.40	0.07	7.29	500	
30	37.68	11.21	6.79	209.10	-44.90	0.06	5.99	500	1.128
35	37.78	11.21	6.78	208.50	-44.30	0.07	5.29	300	
40	37.60	11.30	6.76	208.80	-40.40	0.08	3.99	300	
45	37.51	11.21	6.75	209.40	-40.20	0.07	2.50	300	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:59 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.130
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0363-10 **Sample Time:** 14:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: | Date: 10/31/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: _____ ft. bmp
Depth to Water*: _____ ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
well is Dry									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH + TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 34.9 ft. bmp
Depth to Water*: 3 (Dry) ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-51S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH + TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 10-31-18

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 35.47 ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: C.AH + TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 10-31-16

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 36.23 ft. bmp

Depth to Water*: Dry ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-403

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 45.05 ft. bmp
Depth to Water*: DRY ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 10-31-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 46.93 ft. bmp
Depth to Water*: 46.71 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11/1/16
Project #: 1163.63443 | Pump/Controller ID#: FA01198 | Weather: Sunny 50°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 58.25 ft. bmp
Depth to Water*: 39.6 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:30

Initial Observations: Color: Milky White Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	41.83	10.66	11.69	74.24	-148.5	0.32	75.4	150	1.030
10	42.33	10.76	11.73	68.50	-141.6	0.30	71.8	150	
15	42.96	10.81	11.76	62.81	-134.0	0.24	53.2	150	
20	43.2	11.09	11.75	63.23	-134.5	0.21	43.1	150	
25	43.55	11.02	11.75	64.0	-134.6	0.22	28.8	120	
30	43.72	11.23	11.74	64.87	-136.8	0.20	25.3	120	
35	43.84	11.12	11.74	67.01	-140.1	0.19	18.3	120	
40	43.95	11.41	11.73	68.26	-143.7	0.17	16.5	120	
45	44.03	11.35	11.73	69.04	-145.9	0.15	15.1	120	
50	44.14	11.72	11.72	69.56	-149.0	0.15	14.0	120	
55	44.23	11.75	11.72	69.53	-150.7	0.13	12.3	120	
60	44.25	11.49	11.73	69.49	-151.0	0.12	11.02	120	
65	44.32	11.69	11.73	69.80	-153.1	0.11	11.45	120	
70	44.37	11.99	11.73	69.09	-153.1	0.10	9.05	120	
75	44.39	12.06	11.72	68.73	-156.4	0.09	9.14	120	
80	44.44	12.11	11.72	68.07	-157.6	0.09	8.01	120	
85	44.49	12.11	11.73	67.74	-158.1	0.09	7.44	120	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:55 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.034

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0364-01 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00996
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-1-16
Project #: 1163.63443 | Pump/Controller ID#: FAO 1194 | Weather: Sun, 35-40°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 65.55 ft. bmp
Depth to Water*: 50.41 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:50

Initial Observations: *Color:* clear *Odor:* waste *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, circle mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	50.52	9.22	7.37	1.02	-94.60	0.12	2.68	500	1.002
10	50.52	9.15	7.38	1.00	-104.30	0.07	2.94	500	
15	50.52	9.16	7.34	0.99	-108.00	0.05	2.42	500	
20	50.52	9.15	7.33	0.99	-110.00	0.04	2.29	500	
25	50.52	9.15	7.33	0.98	-111.10	0.03	1.89	500	
30	50.52	9.16	7.32	0.98	-110.10	0.03	1.78	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:20 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* clear *Odor:* slight waste *Sheen/Free Product:* NO

Sample ID: SB915-0364-02 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11/1/16
Project #: 1163.63443 | Pump/Controller ID#: FAO1198 | Weather: Sun 60°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 119.25 ft. bmp
Depth to Water*: 82.24 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 11:52
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	82.22	12.7	6.82	14.28	-68.5	0.23	11.1	450	1.008
10	82.22	12.50	6.70	13.26	-63.5	0.15	11.3	450	
15	82.22	12.50	6.66	11.62	-63.7	0.11	8.42	450	
20	82.22	12.51	6.65	10.29	-59.3	0.09	6.77	450	
25	82.22	12.56	6.65	9.24	-57.7	0.07	6.78	450	
30	82.22	12.50	6.64	8.54	-56.1	0.06	6.63	450	
35	82.22	12.57	6.63	8.00	-54.5	0.05	4.43	450	
40	82.22	12.56	6.63	7.60	-53.0	0.04	5.06	450	
45	82.22	12.59	6.62	7.33	-51.5	0.04	6.52	450	
50	82.22	12.57	6.62	7.03	-50.3	0.03	6.31	450	
55	82.22	12.57	6.62	6.80	-49.2	0.03	6.26	450	
60	82.22	12.56	6.61	6.66	-48.9	0.03	6.62	450	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:52 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0364-03 **Sample Time:** 13:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1174
Turbidity Meter:	LaMotte	2020we	FAO0996
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 11-1-16
Project #: 1163.63443 | Pump/Controller ID#: FA01238 | Weather: Sun, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.80 ft. bmp
Depth to Water*: 11.79 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:42
Initial Observations: Color: clear Odor: Waste Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.31	10.92	9.99	6.60	-163.90	0.02	1.86	500	1.006
10	12.35	10.89	10.33	6.45	-150.50	0.00	1.62	500	
15	12.38	11.26	10.52	6.18	-137.20	0.00	1.77	500	
20	12.39	11.48	10.64	6.05	-131.60	0.00	1.67	500	
25	12.40	11.36	10.72	6.03	-128.80	0.00	1.60	500	
30	12.40	11.44	10.77	5.98	-126.20	0.00	2.20	500	1.002
35	12.40	11.54	10.82	5.97	-125.90	0.00	1.66	500	
40	12.40	11.47	10.83	5.97	-127.30	0.00	1.56	500	
45	12.40	11.54	10.86	5.96	-132.50	0.00	1.73	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:27 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* Waste *Sheen/Free Product:* NO

Sample ID: SB915-0364-04 **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-365

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 11/1/16
Project #: 1163.63443 | Pump/Controller ID#: FAD2646 | Weather: Sun 60°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.65 ft. bmp
Depth to Water*: 15.77 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: ____

Start Purge Time: 13:18
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.92	11.64	11.96	5.35	-24.6	7.31	4.73	290	1.004
10	15.96	11.67	12.08	5.48	-17.2	7.14	1.51	290	
15	15.96	11.63	12.14	5.54	-11.5	7.05	0.66	290	
20	15.96	11.92	12.18	5.59	-8.0	6.77	0.95	290	
25	15.96	11.88	12.19	5.66	-4.0	6.58	0.60	290	
30	15.96	11.76	12.22	5.71	-1.7	6.58	0.84	290	
35	15.96	11.88	12.24	5.74	0.10	6.44	1.28	290	
40	15.96	11.55	12.25	5.81	2.5	6.32	0.59	290	
45	15.96	11.46	12.25	5.86	4.1	6.19	0.63	290	
50	15.96	11.46	12.25	5.89	5.3	6.05	1.19	290	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:08 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0364-[illegible]05 **Sample Time:** 14:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011174
Turbidity Meter:	LaMotte	2020we	FD00976
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 11-1-16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 35°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.68 ft. bmp
Depth to Water*: 15.39 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-094

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 11-2-18
Project #: 1163.63443 | Pump/Controller ID#: FA0 1238 | Weather: Cloudy, 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.40 ft. bmp
Depth to Water*: 11.88 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:02
Initial Observations: *Color:* clear *Odor:* waste *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
A 5	13.89	14.86	7.06	0.00	-116.40	5.58	NA	100	—
DRY	14.25	DRY	—	—	—	—	—	—	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 0.5 gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: A lowered tubing

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/2/16
Project #: 1163.63443 | Pump/Controller ID#: FA0194 | Weather: 50's Overcast

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.75 ft. bmp
Depth to Water*: 31.45 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:26
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.3	10.04	7.22	78.92	-152.2	0.25	24.9	500	1.044
10	34.7	9.93	7.39	80.11	-128.6	0.16	13.04	500	
15	35	9.86	7.36	82.41	-97.0	0.12	11.46	500	
20	35.2	9.88	7.29	83.91	-77.0	0.09	7.54	500	
25	35.4	9.82	7.22	84.9	-67.9	0.08	6.57	500	
30	35.6	9.86	7.17	85.07	-69.7	0.06	5.42	500	
35	35.6	9.86	7.12	85.22	-67.1	0.05	5.41	500	
40	35.6	9.86	7.08	85.35	-62.1	0.05	5.32	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:08 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.044
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0366-01 **Sample Time:** 1030

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 11-2-18
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 55°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 156.00 ft. bmp
Depth to Water*: 28.42 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:05
Initial Observations: *Color:* slight grey *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.49	11.30	5.94	148.40	75.20	0.44	19.4	500	1.080
10	33.42	11.18	6.21	143.40	2.70	0.12	17.3	500	
15	36.45	11.18	6.21	138.30	-26.00	0.10	6.44	500	
20	39.60	11.13	6.22	139.30	-53.40	0.07	8.20	500	
25	42.62	11.09	6.22	139.10	-65.70	0.07	6.49	500	
30	45.46	11.10	6.22	139.20	-66.30	0.06	8.44	500	1.080
35	48.23	11.14	6.20	139.00	-58.50	0.05	10.36	500	
40	50.49	11.13	6.19	139.10	-52.00	0.04	11.4	500	
45	50.70	11.46	6.18	138.30	-43.90	0.07	12.3	225	
50	50.88	11.55	6.17	138.60	-35.20	0.08	12.4	225	
55	50.83	11.55	6.17	140.00	-27.30	0.08	10.59	225	1.078
60	50.85	11.55	6.18	140.40	-21.50	0.07	9.80	225	
65	50.85	11.51	6.19	140.10	-16.40	0.07	9.00	225	
70	50.85	11.48	6.19	140.00	-12.00	0.07	8.17	225	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:15 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.078
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0365-02 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02023
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBC
Site Location: Camillus, NY | Pump Type Used: ~~Peri~~ Bladder | Date: 11/2/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's overcast

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 29.2 ft.
Length of Water Column: ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
~~X~~ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1123
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.4	11.63	6.83	54.77	-43.6	2.61	41.8	500	1.028
10	33	11.58	6.77	57.65	-10.7	6.51	36.3	500	
15	33.6	11.57	6.72	61.14	7.10	8.04	34.5	500	
20	34.5	11.54	6.68	63.48	14.5	8.22	28.1	500	
25	35.05	11.55	6.65	65.71	19.4	8.03	27.0	500	
* 30	35.4	—	—	—	—	—	26.9	500	
Start 1151 5	33	11.63	6.60	67.85	22.7	9.02	128	500	
10	34.4	11.58	6.61	66.99	23.9	10.33	93.8	500	
15	35	11.56	6.61	67.27	23.9	10.34	89.4	500	
20	35.4	11.56	6.61	67.87	23.1	9.90	71.2	500	
25	35.65	11.54	6.61	68.34	22.7	9.70	66.2	500	
30	35.9	11.55	6.60	68.7	22.4	9.64	52.4	500	
35	36.05	11.58	6.60	68.99	22.1	9.60	47.2	500	
40	36.05	11.58	6.60	69.3	21.9	9.74	41.7	500	
45	36.05	11.54	6.59	69.68	21.8	9.57	36.71	500	
50	36.05	11.55	6.59	69.67	21.5	9.62	31.1	500	
55	36.05	11.53	6.58	69.9	21.4	9.60	31.5	500	
60	36.05	11.56	6.58	70.14	21.1	9.32	32.14	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1300 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.036
Final Observations: *Color:* Clear / vslight cloudyness *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0365-07 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: * Bladder punctured Replacing and Restarting lowFlow

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: Cloudy/Rain 50°F
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: 11/3/16

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 130.86 ft. bmp
Depth to Water*: 29.6 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:34

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.25	11.42	6.93	94.40	-58.3	0.18	13.1	450	1.040
10	30.32	11.40	7.00	85.60	-60.5	0.13	10.69	450	
15	30.35	11.39	7.02	86.70	-60.9	0.09	6.79	450	
20	30.40	11.37	7.05	84.90	-58.4	0.07	4.29	450	
25	30.42	11.35	7.06	84.00	-56.3	0.06	4.21	450	
30	30.43	11.33	7.05	83.60	-54.7	0.05	3.09	450	
35	30.44	11.32	7.05	84.3	-53.4	0.04	4.78	450	
40	30.45	11.30	7.04	84.1	-52.8	0.03	4.44	450	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:14 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0366-01 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/3/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 53 Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 131.61 ft. bmp
Depth to Water*: 27.75 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 948
Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.7	11.37	6.43	83.25	2.70	0.23	30.2	500	1.030
10	32.5	11.34	6.65	~~85~~ 7.12	-9.2	0.16	50.5	500	
15	34.5	11.32	6.66	62.67	-8.20	0.11	46.0	500	
20	36.1	11.28	6.67	60.81	-28.6	0.07	74.7	500	
25	37.2	11.27	6.71	59.12	-32.1	0.06	72	500	
30	37.8	11.27	6.78	58.25	-38.0	0.04	47	500	
35	38.5	11.27	6.85	57.97	-41.9	0.04	96.0	500	
40	38.8	11.28	6.89	~~58.3~~ 56.3	-46.0	0.03	79.9	500	
45	39.35	11.3	6.88	~~58.1~~ 57.27	-42.1	0.03	72.8	500	
50	39.6	11.32	6.88	57.09	-41.5	0.02	60.2	500	
55	39.84	11.37	6.86	56.79	-37.4	0.02	47.3	500	
60	40.05	11.41	6.84	56.93	-35.4	0.01	51.4	500	
65	40.25	11.42	6.84	56.78	-32.3	0.01	40.1	500	
70	40.4	11.44	6.84	56.72	-31.2	0.01	42.3	500	
75	~~40.50~~	11.48	6.82	56.78	-28.8	0.01	33.1	500	
80	40.60	11.65	6.81	56.81	-27.3	0.01	33.0	500	
85	40.63	11.83	6.80	56.46	-26.3	0.01	31.9	500	
90	40.65	11.73	6.8	56.47	-24.8	0.01	32.25	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

40.50

End Purge Time: 1119 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0366-02 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	FA0203
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-10782

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: ~~11/2/16~~ 11/3/16
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Cloudy 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 19.20 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:20
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.00	12.87	6.73	206.7	-75.7	1.35	6.17	165	1.128
10	20.97	12.87	6.71	206.8	-97.5	0.70	20.6	165	
15	22.19	12.91	6.69	207.0	-99.3	0.81	20.3	165	
20	22.93	12.92	6.67	206.3	-99.2	0.95	17.7	150	
25	23.48	12.87	6.66	206.3	-98.7	0.97	15.3	150	
30	24.14	12.96	6.64	207.4	-98.8	0.95	14.4	150	
35	24.969	12.69	6.63	207.7	-99.3	0.92	12.6	150	
40	25.31	12.73	6.62	207.8	-98.6	0.91	13.7	150	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.130
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0366-03 **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00808
Other:			

Notes: _____

APPENDIX B

1st Quarter 2017 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/13/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~25°F Snowy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 18.27 ft. bmp
Depth to Water*: 9.81 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0940
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.40	8.23	6.85	1.51	72.70	4.80	2.23	240	1.002
10	10.54	8.57	6.86	1.45	73.00	5.24	1.23	240	
15	10.84	8.57	6.85	1.46	70.30	5.21	1.14	240	
20	10.97	8.66	6.81	1.51	65.50	4.19	1.03	240	
25	11.38	8.88	6.77	1.56	62.00	2.98	0.97	240	
30	11.76	8.90	6.75	1.59	56.30	2.22	1.07	240	
35	11.96	9.04	6.73	1.62	49.80	1.66	1.03	240	
40	12.28	9.13	6.72	1.64	43.00	1.27	0.94	240	
45	12.49	9.13	6.71	1.65	37.40	0.95	1.05	240	
50	12.76	9.18	6.72	1.65	35.10	0.88	1.08	240	
55	13.05	9.22	6.71	1.66	32.70	0.72	0.91	240	
60	13.40	9.27	6.71	1.66	31.80	0.62	0.85	240	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1041 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0367-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-13-17
Project #: 1163.63443 | Pump/Controller ID#: FA00616 | Weather: Snow, cold, 25

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 19.81 ft. bmp
Depth to Water*: 3.60 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:14
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.13	5.27	7.22	0.90	57.40	4.46	2.70	460	1.002
10	5.78	5.69	7.43	0.70	54.30	3.76	2.54	460	
15	6.25	5.74	7.52	0.60	53.30	3.54	2.53	460	
20	6.42	5.78	7.59	0.50	52.60	3.44	2.12	460	
25	6.51	5.79	7.64	0.50	52.30	3.34	2.14	460	
30	6.57	5.55	7.68	0.50	52.10	3.41	1.88	460	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:45 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0367-02, 03 (FD) **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Snow, 27°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 90.98 ft. bmp
Depth to Water*: 8.08 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1013
Initial Observations: Color: Clear Odor: Sl. Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.52	10.07	6.60	29.53	-27	0.11	7.64	500	1.016
10	8.56	10.01	6.61	29.46	-35.2	0.07	53.2	500	
15	8.62	10.06	6.62	29.75	-32.6	0.03	124.0	500	
20	8.64	9.99	6.57	46.51	-32.8	0.02	46.7	500	
25	8.69	10.11	6.54	71.17	-32.8	0.01	12.5	500	
30	8.69	10.20	6.58	60.11	-30.1	0.01	6.54	520	
35	8.69	10.12	6.58	61.29	-27.3	0.01	5.01	500	
40	8.68	10.20	6.59	60.76	-24.9	0.01	5.45	500	1.030
45	8.70	10.20	6.60	61.41	-22.8	0.00	4.12	500	
50	8.71	10.18	6.60	61.54	-20.7	0.00	3.31	500	
55	8.70	10.27	6.60	62.41	-20.3	0.00	2.90	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1110 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.032
Final Observations: Color: Clear Odor: None Sheen/Free Product: No

Sample ID: *SB915-0367-04,05(MS),06(MSD) **Sample Time:** 1115

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: *MS/MSD Taken (05/06 respectively)

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA06729 | Weather: Lt Snow 20's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 4.68 ft.
Length of Water Column: 10.75 ft.

Well Volume Multipliers:
∝ 2 in. = 0.163 gal/ft
Well Volume: 1.75 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 09:38
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.5	5.53	6.09	9.04	9.00	7.66	15.7	200	1.016
10	6.0	5.53	6.66	9.04	7.3	7.66	11.6	200	
15	6.23	5.48	6.74	9.04	5.3	7.66	8.67	200	
20	6.3	5.24	6.80	9.04	4.60	7.66	7.70	200	
25	6.4	5.29	6.82	9.04	4.40	7.66	7.60	200	
30 (1008)	6.55	~~6.84~~ 5.46	6.84	15.45	3.3	5.84	9.36	200	
35 (1017)	6.85	5.58	6.86	15.78	4.6	4.97	6.22	200	
40	6.95	5.78	6.86	16.64	4.3	4.71	~~6.95~~ 7.36	200	
45	7.00	~~6.58~~	~~6.53~~	16.64	-3.4	4.71	16.2	200	
50	7.14	~~8.64~~	6.54	43.25	-9.1	0.08	12.2	200	
55	7.25	8.02	6.54	43.25	-4.1	0.08	10.3	200	
60	7.35	8.08	6.55	43.25	-0.90	0.08	6.96	200	
65	7.44	8.09	6.55	43.25	0.10	0.08	6.74	200	
70	7.6	8.07	6.57	43.25	1.50	0.08	2.94	200	
75	7.7	8.03	6.61	37.89	0.20	0.43	3.67	200	
80	7.8	8.06	6.64	36.46	0.00	0.87	3.25	200	
85	7.85	8.07	6.66	35.07	-0.40	1.22	3.73	200	
90	7.9	8.09	6.68	34.52	-0.20	1.35	5.10	200	
95	8.00	8.17	6.69	34.02	-0.10	1.45	3.34	200	
100	8.12	8.26	6.70	33.87	0.10	1.45	3.28	200	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:23 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.014
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0367-~~05~~ 07 (B) **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 13227
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: I Phone Turned off log Restarted

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 3/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA0 0729 | Weather: 20's Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.02 ft. bmp
Depth to Water*: 1.97 ft.
Length of Water Column: 57.05 ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: 9.3 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
X Well Casing
X Protective Casing
☐ Other: _____

Start Purge Time: 1202
Initial Observations: Color: Clear Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	~~1.8~~ 2.0	10.06	6.98	9.27	-36.4	0.10	52.1	500	1.008
10	2.0	10.24	6.94	9.24	-36.0	0.06	37.0	500	
15	2.00	10.34	6.93	9.24	-36.4	0.04	22.8	500	
20	2.0	10.38	6.93	9.24	-36.5	0.04	15.9	~~15.9~~ 500	
25	2.0	10.43	6.92	9.23	-36.8	0.03	10.99	500	
30	2.0	10.47	6.91	9.23	-37.1	0.03	5.74	500	
35	2.0	10.48	6.91	9.23	-37.4	0.03	4.38	500	
40	2.0	10.55	6.91	9.18	-~~0~~0.6	0.02	3.77	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1245 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0367-08 **Sample Time:** 1255

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-13-17
Project #: 1163.63443 | Pump/Controller ID#: FA00616 | Weather: Snow, cold, 25°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.73 ft. bmp
Depth to Water*: 7.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:12
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.25	9.75	7.30	5.30	-25.20	0.17	47.3	460	1.006
10	9.52	9.91	6.95	16.50	-32.60	0.11	42.1	460	
15	9.73	9.88	6.97	24.70	-61.00	0.10	35.9	460	
20	9.75	9.92	6.97	28.60	-60.70	0.10	7.97	460	
25	9.78	10.00	7.00	29.10	-61.00	0.10	4.99	460	1.014
30	9.91	9.97	6.95	34.20	-58.40	0.10	3.87	460	
35	10.04	9.95	6.93	37.10	-56.20	0.10	3.16	460	
40	9.89	9.97	6.93	38.00	-55.40	0.09	3.02	460	
45	9.85	10.02	6.93	38.60	-54.90	0.08	2.02	460	
50	9.84	9.97	6.93	39.70	-54.00	0.08	1.88	460	
55	9.86	10.11	6.93	40.60	-54.90	0.10	2.79	460	
60	9.98	10.04	6.89	45.90	-52.40	0.08	2.72	460	1.022
65	10.05	10.06	6.92	42.90	-54.00	0.09	2.34	460	
70	10.12	10.16	6.89	46.40	-53.20	0.09	2.81	460	
75	9.98	9.88	6.87	49.60	-51.00	0.07	1.66	460	
80	10.00	10.11	6.89	47.30	-52.70	0.08	2.54	460	
85	10.02	10.16	6.88	49.60	-51.90	0.08	3.42	460	
90	9.92	10.00	6.86	51.60	-50.50	0.07	1.63	460	
95	9.96	10.16	6.89	49.00	-52.30	0.08	2.17	460	
100	9.98	10.10	6.87	52.60	-50.90	0.07	1.89	460	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:55 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.028
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0367-~~08~~09 (DUP) **Sample Time:** 12:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH, TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA007.29 | Weather: 20's Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 36.37 ft. bmp
Depth to Water*: 6.38 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:38
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.40	8.64	6.84	12.8	-39.2	1.83	3.96	500	1.006
10	6.40	8.89	6.75	12.38	-41.5	1.56	4.94	500	
15	6.4	9.11	6.75	12.38	-43.8	1.56	3.74	500	
20	6.4	9.11	6.75	12.38	-45.7	1.56	2.68	500	
25	6.4	9.23	6.75	12.38	-46.1	1.56	3.26	500	
30	6.4	9.31	6.75	12.37	-46.2	1.56	1.91	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:04 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: clear Odor: NO Sheen/Free Product: 1420 NO

Sample ID: SB915-0367-10 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 B27
Turbidity Meter:	LaMotte	2020we	FA006111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW1-1175

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JW/B
Site Location: Camillus, NY | Pump Type Used: Penstaltic | Date: 2-13-17
Project #: 1163.63443 | Pump/Controller ID#: ~ | Weather: ~25°F Snow

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 25.90 ft. bmp
Depth to Water*: 7.52 ft.
Length of Water Column: 18.38 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1141
Initial Observations: Color: V. Slightly Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.59	9.92	6.78	14.29	39.20	0.47	105.2	240	1.010
10	9.00	10.31	6.79	14.22	37.30	0.38	100.7	240	
15	9.55	10.75	6.79	14.11	35.10	0.31	131	240	
20	9.88	10.96	6.81	13.74	31.70	0.25	112	248	
25	10.12	11.10	6.84	13.34	25.20	0.21	131	240	
30	10.43	11.32	6.87	12.78	16.60	0.14	144	240	
35	10.63	11.39	6.89	12.55	11.80	0.13	1081	340	
40	10.85	11.66	6.98	11.01	-1.60	0.04	1064	340	
45	11.02	11.71	6.99	10.92	-6.20	0.04	893	340	
50	11.13	11.76	7.00	10.94	-9.00	0.03	810	340	
55	11.28	11.79	7.02	10.53	-11.50	0.02	848	340	
60	11.40	11.89	7.02	10.42	-13.70	0.02	785	340	
65	11.50	11.89	7.03	10.30	-15.30	0.01	714	340	
70	11.57	11.95	7.04	10.26	-15.70	0.01	630	340	
75	11.65	12.01	7.04	10.17	-17.70	0.01	646	340	
80	11.75	12.06	7.06	10.07	-19.80	0.00	715	340	
85	11.82	11.97	7.06	10.06	-20.80	0.00	777	340	
90	11.87	11.90	7.07	10.11	-22.60	0.00	1112	340	
95	11.90	12.03	7.07	9.97	-23.40	0.00	519	340	
100	11.90	11.94	7.09	9.81	-23.10	0.00	1354	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1418 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.008
Final Observations: Color: Medium Brown Odor: No Sheen/Free Product: No

Sample ID: SB915-0367-11 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00169
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: JWR | Date: 2-13-17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	11.90	12.02	7.02	9.74	-24.40	0.00	1688	340	1.012
110	11.95	12.02	7.09	9.79	-24.40	0.00	1513	340	
115	12.00	11.97	7.09	9.79	-25.30	0.00	1218	340	
120	12.07	12.02	7.09	9.72	-26.60	0.00	1303	340	
125	12.10	12.04	7.10	9.72	-28.10	0.00	1510	340	
130	12.17	11.75	7.07	10.27	-22.60	0.00	1150	340	
135	12.18	12.01	7.11	9.67	-28.60	0.00	1521	340	
140	12.19	11.96	7.11	9.81	-28.20	0.00	1480	348	
145	12.18	12.02	7.12	9.54	-29.20	0.00	1440	340	
150	12.18	12.04	7.11	9.61	-29.40	0.00	1376	340	
155	12.20	12.03	7.12	9.56	-31.00	0.00	1207	340	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Snow, 25°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 20.02 ft. bmp
Depth to Water*: 8.41 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1255
Initial Observations: Color: Clear, slightly cloudy Odor: Sl. Metallic Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.00	8.84	6.43	33.64	24.8	0.09	43.6	>200	1.014 *
10	12.36	8.01	6.43	33.69	26.7	0.09	46.6	220	
15	12.72	8.00	6.43	33.85	24.8	0.09	39.1	230	
20	12.91	7.88	6.38	34.79	18.1	0.08	31.6	200	
25	13.12	8.12	6.43	33.84	16.10	0.08	28.2	200	
30	13.33	8.22	6.43	33.72	9.6	0.07	23.2	200	
35	13.58	8.46	6.43	33.56	-1.0	0.07	17.2	220	
40	13.79	8.46	6.44	33.41	-15.3	0.07	12.9	220	
45	14.04	8.45	6.44	33.30	-29.3	0.07	8.08	220	
50	14.18	8.50	6.45	33.10	-41.5	0.35 **	5.53	220	
55	14.27	8.46	6.45	33.03	-51.1	0.09	3.40	220	
60	14.38	8.48	6.45	33.01	-58.0	0.09	2.28	220	
65	14.48	8.58	6.45	32.84	-62.9	0.07	1.54	220	
70	14.56	8.47	6.46	32.71	-66.2	0.07	1.36	220	
75	14.68	8.46	6.46	32.73	-68.2	0.07	1.40	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1411 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.016
Final Observations: *Color:* Clear *Odor:* Sl. Sulfur *Sheen/Free Product:* No

Sample ID: SB915-0367-12 **Sample Time:** 1416

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00497
Other:			

Notes: * Bottom cracked, reading difficult
** Some water leaked out of flow through, tubing fell off

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AOT
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/14/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Overcast, 27°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 109.45 ft. bmp
Depth to Water*: 10.25 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0931
Initial Observations: Color: Clear/ (Slightly Cloudy) Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.35	9.96	6.83	126.27	13	1.45	16.7	440	1.066
* 10	10.35	—	—	—	—	—	—	480	
* 15	10.35	—	—	—	—	—	—	480	
0949 Restart 5	10.38	10.34	6.09	144.81	17.2	0.06	4.17	500	
10	10.36	10.43	6.09	144.81	19.2	0.06	2.96	500	
15	10.38	10.53	6.06	144.81	20.5	0.06	2.72	500	
20	10.39	10.52	6.06	144.81	21.9	0.06	1.73	500	
25	10.38	10.52	6.06	144.81	22.5	0.06	2.50	500	
30	10.38	10.48	6.06	144.81	24.9	0.06	1.91	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1020 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.076
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0368-01 **Sample Time:** 1025

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	~~FA01327~~
Turbidity Meter:	LaMotte	2020we	~~FA01463~~
Other:			

Notes: * Tpd Malfunctioning, restart purge at 0949 lbg

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-158/155

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-14-17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Cloudy, 25

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 26.80 ft. bmp
Depth to Water*: 15.71 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 9:52
Initial Observations: *Color:* clear *Odor:* No waste *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.19	8.69	12.02	6.54	-127.50	0.05	1.67	480	1.002
10	16.19	8.92	12.04	6.30	-129.70	0.03	0.91	480	
15	16.19	8.99	12.05	6.13	-104.00	0.02	0.74	480	
20	16.19	9.03	12.06	6.00	-106.20	0.01	0.64	480	
25	16.19	9.13	12.07	5.90	-104.40	0.01	1.65	480	
30	16.19	9.22	12.07	5.84	-106.60	0.01	0.67	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:22 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* some waste *Sheen/Free Product:* NO

Sample ID: SB915-0368-02 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00947
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-14-17
Project #: 1163.63443 | Pump/Controller ID#: / | Weather: ~28°F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 130.60 ft. bmp
Depth to Water*: 8.48 ft.
Length of Water Column: 122.11 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1005
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.56	9.64	6.44	205.40	14.80	0.08	6.35	360 *	1.126
10	8.55	10.06	6.47	202.10	25.00	0.05	13.20	360	
15	8.55	10.14	6.47	198.70	34.70	0.05	8.55	360	
20	8.54	10.11	6.48	198.60	36.80	0.04	6.81	360	
25	8.54	10.06	6.48	198.80	21.80	0.03	7.31	360	
30	8.54	10.06	6.48	199.20	16.30	0.03	10.12	360	
35	8.54	10.25	6.47	198.80	9.30	0.03	10.71	360	
40	8.54	10.39	6.46	198.80	9.70	0.02	9.03	360	
45	8.54	10.37	6.45	198.20	13.50	0.03	6.82	360	
50	8.54	10.62	6.45	196.60	17.50	0.02	6.71	360	
55	8.54	10.65	6.45	184.90	22.80	0.02	5.16	360	
60	8.54	10.95	6.45	196.20	18.50	0.02	5.53	500	
65	8.54	11.09	6.45	195.70	13.00	0.01	4.53	500	
70	8.54	11.60	6.45	193.20	13.00	0.01	3.53	500	
75	8.54	11.64	6.46	192.00	14.30	0.01	3.23	500	
80	8.54	11.64	6.46	193.80	15.30	0.01	2.95	508	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1133 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.120
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0368-03 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * Can be pumped @ 500 mL/min

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 2/14/17
Project #: 1163.63443 | Pump/Controller ID#: FA026 46 | Weather: 20's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 25.6 ft. bmp
Depth to Water*: 7.15 ft.
Length of Water Column: 18.45 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: 3.01 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 928
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.2	7.65	5.66	125.12	55.9	0.77	14.0	160	1.070
10	9.65	8.2	5.68	123.43	43.2	0.04	15.0	160	
15	10.25	8.23	5.7	122.68	37.9	0.03	12.5	160	
20	10.75	8.31	5.7	121.79	34.9	0.02	31.7	160	
25	11.28	8.42	5.71	121.82	32.8	0.02	45.5	160	
30	11.55	8.40	5.72	122.01	31.0	0.02	46.0	100	
35	11.8	8.18	5.72	121.64	29.8	0.02	53.1	100	
40	12.2	8.58	5.73	121.3	28.9	0.02	59.9	100	
45	12.5	8.73	5.73	121.24	28.1	0.02	57.2	100	
50	12.85	8.80	5.74	120.88	26.4	0.02	70	100	
55	13.1	9.03	5.75	120.60	26.4	0.03	100.3	100	
60	13.36	8.80	5.74	120.88	26.4	0.02	103.1	100	
65	13.6	9.06	5.76	119.42	25.2	0.02	88.3	100	
70	13.75	8.99	5.78	119.81	24.7	0.02	104.0	100	
75	13.75	8.99	5.77	119.38	24.2	0.03	75.8	100	
80	13.75	8.99	5.78	119.31	23.6	0.04	84.3	100	
85	13.75	9.04	5.79	118.8	23.3	0.04	110	100	
90	13.9	9.19	5.79	118.76	22.8	0.03	153	100	
95	13.9	9.18	5.80	118.53	22.6	0.03	112	100	
100	13.4	9.18	5.8	118.33	22.4	0.03	136	100	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1147 Total volume of groundwater purged: ~5 gallon(s). *Specific Gravity:* 1.070
Final Observations: *Color:* S. Cloudy *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0368-04 **Sample Time:** 1210

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00169
Other:			

Notes: _____

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 2-14-17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	13.9	9.37	5.8	119.18	21.7	0.03	156	100	
110	14.05	9.65	5.81	118.47	21.6	0.03	68	100	
115	14.15	9.77	5.81	118.41	21.8	0.02	107	100	
120	14.25	9.84	5.82	117.89	21.80	0.02	605	100	
125	14.35	10.03	5.82	117.78	21.2	0.01	620	100	
130	14.45	9.99	5.82	117.35	21.6	0.01	128	100	
135	14.55	9.90	5.83	117.74	21.9	0.02	425	100	

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443

Sampling Method: Low-Flow
Pump Type Used: Peristaltic
Pump/Controller ID#: FA00729

Field Personnel: AJF
Date: 2/14/16
Weather: Overcast, 27°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 57.21 ft. bmp
Depth to Water*: 6.91 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1122

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.88	10.92	6.62	12.03	10.4	0.05	27.0	500	1.008
10	6.97	11.17	6.61	11.92	10.3	0.03	21.8	500	
15	6.97	11.18	6.60	11.89	9.6	0.03	14.4	500	
20	6.97	11.08	6.60	11.89	9.2	0.03	11.3	500	
25	6.97	11.09	6.59	11.89	8.9	0.03	5.76	500	
30	6.97	11.12	6.59	11.89	8.6	0.03	8.54	500	
35	6.97	11.20	6.59	11.89	8.6	0.03	6.65	500	
40	6.97	11.27	6.58	11.89	8.7	0.03	5.27	500	
45	6.97	11.39	6.58	11.89	8.7	0.03	4.79	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1207 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0368-05 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1165

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-14-17

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sun, 30-35

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.08 ft. bmp

Depth to Water*: 4.52 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 11:23

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.38	8.43	7.52	1.74	69.50	3.36	11.36	500	1.002
10	6.60	7.79	7.32	1.61	65.40	2.10	27.9	500	
15	6.70	7.78	7.24	1.46	61.90	1.08	28.8	500	
20	6.75	7.73	7.21	1.30	60.80	0.77	20.0	500	
25	6.73	7.60	7.20	1.18	59.10	0.65	14.6	500	
30	6.78	7.65	7.20	1.08	58.40	0.50	11.6	500	1.002
35	6.75	7.51	7.20	1.03	55.50	0.44	10.70	500	
40	6.78	7.47	7.20	0.98	54.10	0.40	8.78	500	
45	6.89	7.43	7.19	1.00	53.20	0.39	8.02	500	
50	6.94	7.40	7.19	0.96	54.00	0.37	8.07	500	
55	6.78	7.32	7.18	0.94	54.50	0.42	8.14	500	
60	6.62	7.35	7.18	0.93	55.10	0.42	7.23	500	
65	6.59	7.20	7.18	0.91	55.50	0.47	4.92	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:29 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0#368-06 **Sample Time:** 12:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00947
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: WBIR-MW-140

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JG, JB
Site Location: Camillus, NY | Pump Type Used: Low-Flow | Date: 2-14-17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~30°F Sun

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 54.75 ft. bmp
Depth to Water*: 5.28 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1205

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.53	12.26	6.33	59.70	-22.30	0.10	8.04	500	1.032
10	14.55	11.92	6.31	60.10	-25.50	0.03	10.15	500	
15	15.60	11.79	6.30	60.50	-27.20	0.02	11.70	500	
20	17.45	11.97	6.30	60.20	-27.00	0.02	16.2	200	
25	17.90	11.68	6.29	60.20	-24.60	0.03	24.8	260	
30	18.1	11.83	6.29	60.30	-22.30	0.03	26.2	260	
35	18.15	12.21	6.28	59.70	-20.80	0.03	23.8	260	
40	18.27	12.33	6.28	59.60	-18.40	0.02	24.7	260	
45	18.40	12.34	6.27	59.30	-13.90	0.02	21.4	260	1.028
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1251 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.028

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0368-~~DUP~~ 07 **Sample Time:** 1315

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 2/14/17
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sunny 30's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 26.7 ft.
Length of Water Column: [redacted] ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1250
Initial Observations: *Color:* Clear / Yellow Tint *Odor:* No *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.7	10.91	7.47	1.56	-5.4	0.07	~~F00~~ 0.2	500	1.002
10	26.7	10.82	7.45	1.52	3.7	0.02	32.7	500	
15	26.7	10.83	7.43	1.52	9.2	0.0	22.4	500	
20	26.7	10.91	7.42	1.51	13.5	0.0	16.7	500	
25	26.7	10.92	7.41	1.51	17.4	0.02	9.39	500	
30	26.7	10.91	7.39	1.50	19.4	0.02	5.38	500	
35	26.7	10.82	7.38	1.50	20.4	0.04	4.42	500	
40	26.7	10.84	7.37	1.49	19.2	0.05	2.75	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1330 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* NO

Sample ID: SB915-0368-08 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-14-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~35°F Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 82.05 ft. bmp
Depth to Water*: 15.00 ft.
Length of Water Column: 67.05 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1348
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.12	10.34	6.14	122.40	22.20	0.10	5.76	440	1.070
10	15.12	10.34	6.14	122.30	22.20	0.06	6.02	440	
15	15.12	10.37	6.13	122.50	21.30	0.04	8.88	440	
20	15.12	10.51	6.13	122.90	20.70	0.03	6.22	440	
25	15.12	10.62	6.13	122.30	20.20	0.03	7.36	440	
30	15.12	10.59	6.13	121.90	19.80	0.03	6.81	440	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.068
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0368-~~0000~~ 09 **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-14-17
Project #: 1163.63443 | Pump/Controller ID#: FA0 1324 | Weather: Sun, 35

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 29.35 ft. bmp
Depth to Water*: 9.92 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:27
Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.89	12.02	12.13	14.36	-186.40	0.04	17.8*	500	1.006
10	14.02	11.90	11.64	19.19	-160.60	0.00	49.8	500	
15	14.81	12.01	11.27	21.49	-151.10	0.00	64.7	500	
20	15.29	11.78	11.12	22.86	-147.40	0.00	61.3	500	
25	15.61	11.52	11.04	23.79	-153.10	0.00	54.3	500	
30	15.71	11.50	10.99	24.29	-170.70	0.00	49.1	500	
35	15.77	11.51	10.96	24.52	-191.00	0.00	48.8	500	
40	15.79	11.51	10.94	24.68	-212.40	0.00	45.0	500	
45	15.79	11.74	10.92	24.66	-229.6	0.00	45.7	500	
50	15.79	11.97	10.42	24.60	-235.40	0.00	31.7	500	
55	15.74	11.94	10.91	24.65	-233.10	0.00	26.8	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:23 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* light white* *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0368-10 **Sample Time:** 14:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1326
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: * Sample precipates - white

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AOF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/14/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Sun, 28°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.47 ft. bmp
Depth to Water*: 3.51 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1305

Initial Observations: Color: Clear, Sl. Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.17	10.20	6.09	67.49	95	0.12	38.0	>200	1.034
10	7.57	9.68	6.03	67.94	87.1	0.07	22.8	280	
15	7.84	9.70	6.03	67.96	83.4	0.07	22.3	300	
20	8.19	9.94	6.03	67.96	78.8	0.07	14.5	320	
25	8.46	10.01	6.03	67.96	73.7	0.07	12.0	340	
30	8.67	10.06	6.03	68.96	71.9	0.04	8.28	340	
35	8.00	10.04	6.03	68.96	68.8	0.04	6.29	340	
40	9.28	9.87	6.03	68.96	68.96	0.04	5.43	340	1.034
45	9.41	9.63	6.03	68.96	66.90	0.04	4.91	340	
50	9.47	9.62	6.03	68.96	66.70	0.04	4.87	360	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1355 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.036

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0308-11 **Sample Time:** 1405

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/15/18

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 30's snow

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 69.91 ft. bmp

Depth to Water*: 28.93 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: Color: clear Odor: Sulfur Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm or mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.85	8.99	7.15	1.00	-56.2	0.19	4.88	300	1.000
10	28.85	9.18	7.16	1.02	-54.8	0.07	3.84	300	
15	28.85	9.20	7.16	1.04	-54.0	0.04	3.52	300	
20	28.85	9.23	7.16	1.08	-53.9	0.03	3.02	300	
25	28.85	9.18	7.16	1.08	-53.0	0.02	2.91	300	
30	28.85	9.14	7.16	1.09	-53.0	0.01	2.78	300	
35	28.85	9.13	7.16	1.10	-51.8	0.01	2.55	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9.43 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.00

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0369-,01,02,03 (MS, MSD) **Sample Time:** 1015

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	[illegible] 1325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-045

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~30°F Snow

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 17.84 ft. bmp
Depth to Water*: 8.31 ft.
Length of Water Column: 9.53 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1029
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.93	8.02	6.73	9.10	-106.50	0.06	5.86	440	1.006
10	9.25	6.83	6.84	8.60	-95.00	0.14	9.05	440	
15	9.38	6.81	6.82	8.90	-90.40	0.10	9.09	440	
20	9.54	7.09	6.82	8.80	-89.60	0.07	10.51	440	
25	9.68	7.26	6.82	8.60	-89.10	0.05	11.64	440	
30	9.78	7.49	6.83	8.30	-88.60	0.04	11.20	440	
35	9.91	7.59	6.85	8.10	-88.80	0.04	11.09	440	
40	10.00	7.70	6.87	7.90	-87.40	0.10	9.13	440	
45	10.05	7.90	6.88	7.90	-84.50	0.28	7.57	440	
50	10.15	8.06	6.89	7.80	-81.40	0.40	6.45	440	
55	10.18	8.15	6.90	7.70	-79.40	0.40	5.97	440	
60	10.14	8.16	6.90	7.70	-78.00	0.45	5.49	440	
65	10.15	8.28	6.91	7.60	-76.50	0.43	4.22	440	
70	10.21	8.32	6.92	7.50	-75.10	0.49	4.70	440	
75	10.23	8.27	6.93	7.40	-75.00	0.47	4.45	440	1.004
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1145 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0369-04, 05(FD) **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00497
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-17

Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Snow, 30°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 26.03 ft. bmp

Depth to Water*: 17.31 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:26

Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.32	10.24	6.60	26.07	-98.20	0.16	61.5	500	1.012
10	17.32	10.35	6.59	25.98	-82.30	0.08	48.6	500	
15	17.32	10.38	6.60	25.99	-72.80	0.08	20.2	500	
20	17.32	10.35	6.60	26.05	-66.40	0.08	10.26	500	
25	17.32	10.34	6.61	26.11	-62.20	0.07	6.29	500	
30	17.32	10.26	6.61	26.21	-58.90	0.08	4.67	500	
35	17.32	10.35	6.61	26.18	-56.50	0.06	2.74	500	
40	17.32	10.37	6.61	26.17	-54.00	0.06	2.26	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:06 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0369-06 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443

Sampling Method: Low-Flow
Pump Type Used: Peristaltic
Pump/Controller ID#: FA01324

Field Personnel: AJF
Date: 2/15/17
Weather: ~~Clear~~ Snow, 30°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.75 ft. bmp
Depth to Water*: 18.47 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0932

Initial Observations: *Color:* Clear *Odor:* Sl. Sulfur *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.96	10.47	6.16	77.48	-61.3	0.08	19.2	440	1.036
10	18.96	10.67	6.27	73.35	-67.0	0.04	14.7	480	
15	18.96	10.77	6.28	72.12	-68.6	0.02	13.1	460	
20	18.96	10.77	6.28	71.01	-68.4	0.01	10.06	500	1.034
25	18.96	10.81	6.28	70.21	-68.4	0.01	6.39	500	
30	18.96	10.81	6.28	70.34	-69.6	0.00	6.14	500	
35	18.96	10.77	6.28	71.01	-68.2	0.00	5.67	500	
40	18.95	10.81	6.28	71.03	-65.6	0.00	5.17	500	
45	18.95	10.76	6.28	70.84	-65.9	0.00	4.23	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1017 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.034

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0369-07 **Sample Time:** 1025

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Cloudy, Sunny/Ar 30

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 61.80 ft. bmp
Depth to Water*: 18.08 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:29
Initial Observations: Color: light white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.13	10.03	6.30	96.78	-21.20	0.09	46.8	500	1.052
10	18.13	10.25	6.33	95.85	-26.60	0.06	16.2	500	
15	18.13	10.35	6.36	95.47	-29.90	0.05	9.70	500	
20	18.13	10.45	6.36	95.76	-31.10	0.05	5.74	500	
☆ 25	18.13	10.44	6.36	95.51	-24.80	0.06	4.23	500	
30	18.13	10.53	6.36	95.16	-27.20	0.05	3.87	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.050
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0369-08 **Sample Time:** 11:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: ☆ tubing fell off - used live readings.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108 BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBD
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/15/17
Project #: 1163.63443 | Pump/Controller ID#: FA0 2646 | Weather: 30's Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 96.5 ft. bmp
Depth to Water*: 21.2 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1055
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.8	8.42	6.87	3.14	-23.7	0.29	8.01	300	1.004
10	23.15	8.89	6.87	3.12	-23.1	0.11	11.5	300	
15	23.3	8.97	6.87	3.11	-21.2	0.06	10.38	300	
20	23.4	9.08	6.87	3.11	-18.4	0.06	9.10	300	
25	23.5	8.98	6.87	3.12	-17.3	0.05	5.41	300	
30	23.55	8.99	6.87	3.12	-16.7	0.03	4.99	300	
35	23.6	9.00	6.87	3.12	-16.9	0.02	4.55	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1131 Total volume of groundwater purged: 1 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0369-09 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1325
Turbidity Meter:	LaMotte	2020we	FA0 109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Cloudy, 30

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.50 ft. bmp
Depth to Water*: 11.84 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:32
Initial Observations: Color: lightwhite/grey Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.84	10.36	6.92	23.36	-36.60	0.08	116 NTU	500	1.010
10	11.84	10.45	6.91	23.29	-37.60	0.04	54.5	500	
15	11.84	10.50	6.90	23.29	-40.10	0.02	21.4	500	
20	11.84	10.58	6.90	23.26	-38.20	0.02	13.6	500	
25	11.84	10.59	6.89	23.30	-34.40	0.03	9.86	500	
30	11.84	10.58	6.89	23.24	-36.00	0.02	5.36	500	
35	11.84	10.53	6.89	23.31	-36.80	0.01	3.93	500	
40	11.84	10.55	6.89	23.32	-37.20	0.01	2.98	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:12 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0369-10 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: * tubing fell off - used live readings

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/15/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Snow, 32°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 122.34 ft. bmp
Depth to Water*: 19.34 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1110
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.55	10.68	8.09	81.34	-226.3	0.05	4.62	400	1.030
10	19.62	10.76	8.32	94.06	-273.1	0.02	5.07	400	
15	19.71	10.64	7.11	106.73	-119.4	0.02	4.87	380	
20	19.74	10.67	6.62	118.96	-78.2	0.02	1.78	360	
25	19.76	10.72	6.58	126.76	-78.8	0.02	1.77	420	
30	19.79	10.72	6.31	131.10	-78.0	0.02	2.05	400	
35	19.79	10.72	6.17	132.81	-79.4	0.03	3.01	400	
40	19.80	10.71	6.14	133.38	-78.6	0.02	1.94	400	
45	19.80	10.64	6.12	133.14	-80.3	0.01	1.92	400	
50	19.81	10.62	6.11	133.60	-81.8	0.01	2.12	420	
55	19.82	10.62	6.11	133.43	-84.2	0.00	1.60	420	
60	19.82	10.62	6.09	133.70	-81.3	0.00	1.94	420	
65	19.83	10.61	6.09	133.39	-81.5	0.00	1.75	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.074
Final Observations: *Color:* Clear *Odor:* Slight *Sheen/Free Product:* No

Sample ID: SB915-0369-11 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel: AJF
Date: 2-15-17
Weather: 30 Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.60 ft. bmp
Depth to Water*: DRY ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-DMW-055

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~32°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.11 ft. bmp
Depth to Water*: 3.75 ft.
Length of Water Column: 14.36 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1220

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.50	8.93	10.89	20.80	-185.80	0.04	6.45	500	1.010
10	4.58	8.35	10.97	20.40	-181.80	0.01	4.33	500	
15	4.62	8.04	11.12	20.10	-178.70	0.00	2.43	500	
20	4.65	7.78	11.24	19.70	-181.50	0.00	2.59	500	
25	4.65	7.58	11.30	19.50	-175.70	0.00	1.79	500	
30	4.70	7.53	11.35	19.20	-169.40	0.00	2.51	500	
35	4.59	7.42	11.37	19.10	-161.70	0.00	1.99	500	
40	4.55	7.49	11.38	19.10	-161.60	0.00	1.41	500	
45	4.54	7.57	11.40	19.00	-160.00	0.00	1.92	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1306 Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0369-17 **Sample Time:** 1320

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Cloudy, 30

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.82 ft. bmp
Depth to Water*: 11.37 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:23
Initial Observations: *Color:* clear *Odor:* slight sulfur *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.48	10.18	6.55	13.49	-41.20	0.11	19.4	500	1.006
10	11.48	10.36	6.55	12.72	-42.20	0.10	9.17	500	
15	11.48	10.53	6.55	12.29	-42.60	0.07	4.89	500	
20	11.48	10.62	6.54	12.11	-42.60	0.05	3.50	500	
25	11.48	10.57	6.55	11.94	-43.00	0.05	2.79	500	
30	11.48	10.56	6.55	11.82	-42.0	0.06	2.11	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:53 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0370-01 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01328
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/15/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Snow, 32°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 55.71 ft. bmp
Depth to Water*: 8.51 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1305

Initial Observations: Color: Clear - Very light brown | Odor: No | Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.54	10.91	6.45	21.74	-17	0.07	15.3	420	1.010
10	8.53	11.28	6.41	21.76	-7.6	0.04	5.39	440	
15	8.54	11.39	6.39	21.82	-3.6	0.03	3.29	500	
20	8.55	11.38	6.38	21.79	-1.6	0.02	2.44	500	
25	8.55	11.26	6.37	21.81	0.80	0.02	2.59	500	
30	8.55	11.30	6.36	21.77	0.90	0.01	2.42	500	
35	8.55	11.43	6.37	21.71	0.90	0.01	3.93 (2.63)	500	
40	8.55	11.46	6.37	21.76	1.90	0.01	3.57 (2.87)	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1345 | Total volume of groundwater purged: 6.5 gallon(s). | *Specific Gravity:* 1.011

Final Observations: Color: Clear | Odor: No | Sheen/Free Product: No

Sample ID: SB915-0360-02 | **Sample Time:** 1352

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01111
Other:			

Notes: * 2.63 NTU
** 2.87 NTU

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07C

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/19/17
Project #: 1163.63443 | Pump/Controller ID#: FA026416 | Weather: 2/15/17

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 19.64 ft. bmp
Depth to Water*: 9.97 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1320
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.05	11.10	5.98	90.29	10.2	0.07	5.85	500	1.046
10	10.1	11.08	5.99	90.15	11.7	0.03	2.12	500	
15	10.1	11.19	6.01	90.04	10.9	0.01	1.31	500	
20	10.1	11.33	6.02	89.94	10.5	0.00	1.18	500	
25	10.1	11.28	6.03	89.86	10.3	0.00	1.10	500	
X 30	10.1	11.28	6.03	89.78	10.4	0.00	0.87	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1353 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* _____
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0370-03 **Sample Time:** ~~1403~~ 1403

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA0 6109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-065

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-15-17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~32°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.51 ft.
Length of Water Column: 11.84 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1337
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.35	7.68	12.00	15.50	-134.30	0.48	5.08	500	1.006
10	4.38	7.68	11.98	15.70	-143.50	0.26	3.75	500	
15	4.38	7.61	11.99	15.80	-135.40	0.24	3.10	500	
20	4.35	7.58	11.99	16.00	-140.20	0.21	2.17	500	
25	4.20	7.47	12.00	16.20	-143.10	0.22	1.85	500	
30	4.30	7.34	12.01	16.30	-142.80	0.19	1.69	500	
35	4.30	7.42	12.01	16.30	-144.40	0.05	2.23	500	
40	4.30	7.47	12.02	16.30	-144.00	0.00	1.66	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1416 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-~~0336~~0370-04 **Sample Time:** 1420

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW - 08S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TJB

Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 3/15/17

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 30's Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 27.15 ft. bmp

Depth to Water*: 23.65 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1207

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	25.6XX	8.76	6.84	1.09	29.2	1.86	12.6	100	1.002
10	26.2	8.56	6.84	1.10	29.0	1.74	95.0	100	
15	26.6	8.56	6.83	1.11	29.3	1.65	77.0	100	
20	26.9	8.37	6.83	1.10	29.4	1.53	68.2	100	
25	27.1	8.20	6.83	1.12	29.9	1.31	42.0	100	
30	27.3	8.2	6.87	1.13	29.6	1.11	38.5	100	
35	27.5	7.81	6.82	1.14	29.1	0.88	30.5	100	
1249	well	went	Dry	Sample	tomorrow				
930	23.92	4.66	7.19	1.19	-13.8	5.46	6.9	~100	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: 1 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: SB915 - 0371 - 01 **Sample Time:** 950

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: XX From top of Protective casing

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-16-17

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~21°F Snow

Well Information:

Installed Depth of Well*: ____ ft. bmp

Measured Depth of Well*: 20.10 ft. bmp

Depth to Water*: 3.97 ft.

Length of Water Column: ____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: ____ gal.

Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other: ____

Start Purge Time: 1010

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.83	7.78	6.88	5.07	-72.50	0.11	8.38	500	
10	4.95	6.86	6.87	4.82	-73.20	0.07	10.03	500	
15	5.01	6.88	6.85	5.10	-70.30	0.06	4.59	500	
20	5.03	6.70	6.85	5.20	-68.80	0.05	5.19	500	
25	5.03	6.57	6.85	5.28	-67.10	0.05	3.37	500	
30	5.03	6.64	6.85	5.32	-66.00	0.04	3.01	500	
35	5.03	6.52	6.85	5.32	-64.60	0.04	3.01	500	
40	5.03	6.54	6.85	5.33	-65.90	0.04	4.71	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1052 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0371-02 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-015

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2-16-17
Project #: 1163.63443 | Pump/Controller ID#: FA00616 | Weather: Snow, 25°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 7.28 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:02
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.16	10.11	6.21	30.21	20.60	0.08	10.05	480	1.012
10	8.60	9.72	6.29	25.86	24.10	0.59	4.91	480	
15	9.02	9.03	6.33	25.06	1.40	0.83	3.40	480	
20	9.51	9.02	6.36	23.44	-11.10	0.70	2.07	480	
25	9.62	8.16	6.35	23.78	-9.10	0.50	1.42	~~480~~ 270	
30	9.81	8.20	6.33	23.80	-9.20	0.39	1.67	270	
35	10.00	8.20	6.31	23.98	-7.50	0.30	1.08	240	
40	10.20	8.18	6.31	23.65	-7.00	0.24	1.59	240	
45	10.40	8.45	6.30	23.90	-5.00	0.19	1.42	240	
50	10.60	8.66	6.30	23.57	-0.10	0.15	0.85	240	
55	10.76	8.21	6.31	23.48	2.31	0.12	1.16	240	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:57 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0371-03 **Sample Time:** 11:15

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/16/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Snow, 25°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.32 ft. bmp
Depth to Water*: 16.12 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0932
Initial Observations: Color: Slightly Cloudy Odor: Sulfur/Organics Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) circle units	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.84	10.44	7.24	48.31	-150.7	0.13	24.2	400	1.018
10	19.65	10.39	7.28	48.05	-155.1	0.13	28.9	220	
15	19.64	10.13	7.27	47.58	-153.5	0.11	24.7	220	
20	19.66	10.30	7.21	45.92	-151.0	0.08	21.3	230	
25	19.70	10.33	7.13	43.91	-144.6	0.08	15.1	240	
30	19.73	10.25	6.98	38.32	-133.9	0.07	13.4	230	
35	*19.65	10.11	6.95	39.11	-131.5	0.07	12.9	230	
40	19.65	10.15	6.93	37.69	-126.0	0.08	9.44	240	
45	19.65	10.24	6.92	36.63	-123.0	0.07	9.30	240	
50	19.65	10.25	6.91	35.93	-121.8	0.06	8.40	230	1.016
55	19.65	10.25	6.90	35.13	-119.4	0.06	7.55	230	
60	19.65	10.16	6.89	34.52	-118.1	0.06	6.25	220	
65	19.67	10.36	6.88	33.65	-116.6	0.05	5.85	230	
70	19.70	10.30	6.88	33.06	-115.9	0.05	5.19	240	
75	19.73	10.36	6.87	32.06	-114.9	0.05	4.35	240	
80	19.75	10.39	6.87	31.71	-113.4	0.05	4.32	240	
85	19.76	10.35	6.87	31.42	-113.2	0.05	3.68	240	
90	19.76	10.40	6.87	30.97	-112.0	0.05	3.62	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1102 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.014
Final Observations: *Color:* Clear *Odor:* Sulfur/org *Sheen/Free Product:* No

Sample ID: SB915-0371-04 **Sample Time:** 1108

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: *Tubing shifted, had to re-adjust

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB, RPC
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 2/6/17
Project #: 1163.63443 | Pump/Controller ID#: FAO.1324 | Weather: 25 snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.48 ft. bmp
Depth to Water*: 3.9 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 10:08
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.65	7.16	13.21	39.64	-138.4	0.88	5.72	500	1.018
10	3.7	7.23	12.72	39.2	-139.1	0.63	4.34	500	
15	3.72	7.35	12.52	38.79	-146.5	0.42	2.65	500	
20	3.72	7.41	12.42	38.91	-142.6	0.29	2.44	500	
25	3.72	7.42	12.36	38.59	-138.9	0.22	1.95	500	
30	3.72	7.46	12.32	38.8	-135.6	0.19	1.52	500	
35	3.72	7.51	12.29	38.48	-139.3	0.16	2.11	500	
40	3.72	7.56	12.28	38.37	-139.3	0.12	1.67	500	
45	3.72	7.59	12.26	38.49	-138.8	0.11	1.05	500	
50	3.72	7.56	12.26	38.21	-137.1	0.08	1.40	500	
55	3.72	7.60	12.25	37.86	-137.6	0.05	1.40	500	
60	3.72	7.66	12.24	38.07	-137.4	0.05	1.11	500	
65	3.72	7.66	12.24	37.7	-137.2	0.04	0.87	500	
70	3.72	7.70	12.24	37.64	-137.8	0.03	1.26	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1120 Total volume of groundwater purged: 1.4 gallon(s). *Specific Gravity:* 1.018
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0371-05 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO.325
Turbidity Meter:	LaMotte	2020we	FAO011
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915+mw-111E

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: RPC

Site Location: Camillus, NY | Pump Type Used: Aem | Date: 2/16/17

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: 20° Snow

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 65.70 ft. bmp

Depth to Water*: 8.4 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other: _____

Start Purge Time: 1210

Initial Observations: *Color:* Lt Brown *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.45	9.18	6.36	91.43	-55.00	0.03	18.7	500	1.050
10	8.45	9.70	6.23	90.27	-47.20	0.00	21.9	500	
15	8.45	9.75	6.21	90.02	-43.00	0.00	4.8	500	
20	8.45	9.79	6.20	90.36	-41.80	0.00	3.86	500	
25	8.45	9.89	6.19	89.69	-41.50	0.00	24.3	500	
30	8.45	9.83	6.19	89.75	-41.30	0.00	4.40	500	
35	8.45	9.83	6.19	89.81	-41.30	0.00	9.30	500	
40	8.45	9.84	6.19	89.91	-41.20	0.00	5.08	500	
45	8.45	9.88	6.19	89.19	-41.30	0.00	3.47	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12.58 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.044

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0361-06 **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/16/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Snow, 20°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: ~~24.08~~ 24.35 ft. bmp
Depth to Water*: 7.81 ft.
Length of Water Column: ft.

Well Volume Multipliers: 2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1218
Initial Observations: Color: Slightly Cloudy Odor: V. Sl. Metallic Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units) (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.69	8.21	6.12	75.27	-52.4	0.44	21.1	380	1.036
10	8.67	9.11	6.16	68.99	-58.0	0.29	32.4	420	
15	8.73	9.40	6.25	58.04	-65.6	0.23	24.8	500	
20	8.74	9.50	6.36	46.87	-73.3	0.20	20.3	500	
25	8.71	9.54	6.41	43.35	-76.0	0.19	15.9	500	
30	8.69	9.53	6.45	39.98	-79.3	0.14	10.41	480	
35	8.68	9.64	6.49	36.20	-82.5	0.12	10.03	500	
40	8.69	9.64	6.50	34.80	-84.1	0.11	7.15	500	
45	8.70	9.83	6.51	34.52	-84.6	0.11	6.72	500	
50	8.60	9.78	6.52	33.83	-85.6	0.11	6.44	490	
55	8.60	9.71	6.55	30.59	-88.5	0.09	5.17	480	
60	8.63	9.85	6.55	30.34	-89.1	0.09	5.05	500	
65	8.63	9.77	6.59	27.54	-92.7	0.07	4.83	500	
70	8.63	9.78	6.58	28.01	-92.6	0.07	4.91	500	
75	8.63	9.81	6.57	28.03	-92.9	0.06	4.50	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1333 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0371-07 **Sample Time:** 1335

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915_MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: RPC
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/16/17
Project #: 1163.63443 | Pump/Controller ID#: PA01324 | Weather: 28 Snow

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 99.15 ft. bmp
Depth to Water*: 8.6 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1317

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.6	9.76	6.06	131401.80	-22.10	0.04	2.98	500	1.070
10	8.6	9.96	6.06	132140.55	-21.70	0.00	5.30	500	
15	8.65	9.58	6.04	132688.50	-20.70	0.00	6.83	500	
20	8.65	10.06	6.04	132673.17	-20.70	0.00	5.95	500	
25	8.65	10.08	6.06	133473.03	-23.80	0.00	5.61	500	
30	8.65	10.08	6.07	133446.73	-24.70	0.00	5.83	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1345 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.070

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0371-08 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/17/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 20's Snow

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 74.20 ft. bmp
Depth to Water*: 59 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 953 **Initial Observations:** *Color:* u stightly cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.9	9.68	5.92	93.62	7.7	0.11	61.5	500	1.040
10	5.9	9.82	5.93	93.35	5.1	0.06	36.5	500	
15	5.9	10.0	5.94	93.39	8.0	0.05	35.2	500	
20	5.9	10.06	5.96	93.17	10.60	0.04	21.7	500	
25	5.9	10.10	5.96	93.08	12.6	0.04	15.6	500	
30	5.9	10.15	5.97	93.25	14.5	0.03	14.0	500	
35	5.9	10.15	5.97	93.18	15.6	0.03	12.2	500	
40	5.9	10.22	5.97	92.7	16.6	0.03	11.5	500	
45	5.9	10.17	5.98	92.74	18.1	0.03	9.38	500	
50	5.9	10.24	5.98	92.85	19.1	0.02	9.10	500	
55	5.9	10.27	5.98	92.68	19.9	0.02	7.10	500	
60	5.9	10.32	5.99	92.24	20.6	0.02	7.10	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1054 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0372-01,02,03 (MS,MSD) **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAU323
Turbidity Meter:	LaMotte	2020we	FAU011
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-NB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2.17.17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~22°F Snow

Well Information:

Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 73.80 ft. bmp
Depth to Water*: 7.59 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1007

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.62	9.97	6.08	88.25	45.70	0.40	38.8	500	1.054
X10	7.62								
15	7.62	9.93	6.24	92.30	16.00	0.12	17.7	500	
20	7.62	10.07	6.24	92.72	18.70	1.11	11.8	500	
25	7.62	9.97	6.25	92.78	14.00	1.25	9.07	500	
30	7.62	10.08	6.25	92.88	14.60	0.30	10.28	500	
35	7.62	10.07	6.25	91.88	13.90	0.43	7.44	500	
40	7.62	10.00	6.25	92.21	13.20	0.11	6.44	500	
45	7.62	9.91	6.25	92.26	13.20	0.14	7.50	500	
50	7.62	10.00	6.25	91.66	13.40	0.08	9.42	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1058 Total volume of groundwater purged: 7 gallon(s). Specific Gravity: 1.050

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0372-04 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAD1174
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: X Tubing came off

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Snow, 23°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.17 ft. bmp
Depth to Water*: 7.28 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0947

Initial Observations: Color: Clear w/ tinge of yellow-brown Odor: AJF Organics/Sulfur Gas/Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.47	10.5	6.13	51.14	-166.3	0.11	20.2	240	1.026
10	9.99	10.34	6.20	45.08	-62.6	0.09	26.6	300	
15	10.52	10.33	6.14	48.39	-55.9	0.09	24.6	240	
20	10.74	10.20	6.16	45.06	-50.2	0.09	25.3	200	
25	10.97	10.25	6.15	46.13	-48.1	0.09	24.5	220	
30	11.10	10.30	6.14	46.96	-47.2	0.08	22.9	220	
35	11.29	10.35	6.14	47.69	-47.8	0.07	21.8	220	
40	11.50	10.35	6.14	48.73	-48.8	0.07	19.8	220	
45	11.57	10.43	6.14	49.67	-50.2	0.08	19.4	220	
50	11.57	10.44	6.14	50.28	-51.2	0.07	18.7	220	
55	11.58	10.53	6.15	50.53	-52.1	0.07	17.9	220	
60	11.68	10.62	6.15	50.61	-52.8	0.06	17.7	240	
65	11.82	10.56	6.15	50.90	-52.9	0.06	18.5	240	
70	11.97	10.59	6.16	50.84	-53.1	0.06	18.6	240	
75	12.14	10.63	6.17	50.38	-52.8	0.06	18.5	240	
80	12.27	10.72	6.17	50.44	-52.8	0.06	17.1	240	
85	12.42	10.72	6.18	50.38	-52.8	0.05	16.0	240	
90	12.57	10.80	6.18	50.62	-53.3	0.07	14.5	240	
95	12.64	10.84	6.18	50.66	-53.5	0.07	13.3	240	
100	12.80	10.86	6.18	50.99	-53.4	0.06	12.5	240	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1142 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.024

Final Observations: Color: Clear Odor: Sl. Gas Sheen/Free Product: No

Sample ID: SB915-0372-05,06 (FD)(BOD) **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA014163
Other:			

Notes: *06 is FD

Low Flow Groundwater Sampling Log

Well ID: SB915-EMW-03S

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: AJF | Date: 2/17/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	12.94	10.94	6.18	51.15	-53.5	0.05	11.3	240	
110	13.07	10.86	6.18	51.67	-53.3	0.06	9.63	240	
115	13.12	10.97	6.18	51.65	-53.4	0.06	9.02	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-17-17

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~22°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 19.10 ft. bmp

Depth to Water*: 7.32 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1134

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.65	9.51	11.72	24.86	-190.60	0.13	10.20	400	1.012
10	7.65	9.40	12.18	21.99	-173.20	0.15	4.57	400	
15	7.68	9.50	12.33	21.55	-161.00	0.18	3.14	400	
20	7.66	9.51	12.39	21.39	-156.20	0.21	2.28	400	
25	7.65	9.41	12.41	21.62	-150.90	0.24	4.23	400	
30	7.67	9.45	12.45	21.45	-148.00	0.28	3.00	400	
35	7.67	9.58	12.46	21.33	-145.30	0.32	2.13	400	
40	7.67	9.68	12.47	21.31	-143.90	0.35	3.19	400	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1215 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0372-07 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00169
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: RPC / TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 2/17/11
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 28 snow

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 58.7 ft. bmp
Depth to Water*: 15.96 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1210
Initial Observations: *Color:* Slightly cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.0	5.21	5.97	87.8	-2.3	2.06	*	480	1.046
10	16.0	8.97	6.07	0.24	-2.1	8.84	*	480	
15	16.0	9.6	5.91	84.5	14.5	0.69	7.52	480	
20	16.0	10.27	5.92	82.97	10.10	0.02	3.51	480	
25	16.0	10.26	5.93	82.86	9.3	0.00	2.78	480	
30	16.0	10.31	5.93	82.81	9.5	0.00	2.38	480	
35	16.0	10.31	5.93	81.63	11.0	0.00	2.25	480	
**	Insitu conductivity Issue								
60	16.0	10.34	5.94	80.76	8.0	0.00	1.10	480	
65	16.0	10.38	5.94	80.35	9.8	0.00	0.95	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1240 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.044
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0372-08 **Sample Time:** 1325

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: * Pump issues NO turb taken
** Insitu Issue with connecting to other unit

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-09U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: RJC
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 2/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA0 0324 | Weather: 25 Snow

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.40 ft. bmp
Depth to Water*: 9.16 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1005

Initial Observations: *Color:* Clear *Odor:* Slight sulph *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.8	7.18	6.69	1.89	-47.70	1.17	16.5	260	.998
10	12.45	7.36	6.85	1.75	-40.70	0.75	11.7		
		well	went	Dry					
2/17/17 ~~15~~	9.57	5.89	9.10	2.70	-103.9	3.72	12.5		1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: SB915-0372-09 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: EPC
Site Location: Camillus, NY | Pump Type Used: peri | Date: 2/21
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sunny / 32

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.2 ft. bmp
Depth to Water*: 12.22 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1025
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.85	9.17	10.02	9.00	28.20	2.35	2.19	130	1.002
10	13.10	8.79	10.14	9.06	25.40	2.42	1.69	~~140~~	
15	13.30	8.56	10.23	8.94	18.50	2.51	1.55		
20	13.64	8.55	10.24	9.01	16.30	2.55	1.57		
25	13.84	9.02	10.17	8.95	16.40	2.56	1.53		
30	14.05	9.12	10.16	8.96	18.20	2.61	1.60		
35	14.23	9.49	10.15	8.89	21.00	2.67	1.33		
40	14.33	9.68	10.13	8.87	24.00	2.64	1.42		
45	14.36	9.65	10.13	8.88	26.70	2.94	1.20		
50	14.38	9.50	10.13	8.87	29.30	2.99	1.19		1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1120 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* clear ~~Clear~~ *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0373-01 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA0697
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-20-17
Project #: 1163.63443 | Pump/Controller ID#: / FA01038 | Weather: ~35°F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 142.75 ft. bmp
Depth to Water*: 12.91 ft.
Length of Water Column: 129.84 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1055

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.65	10.53	5.80	187.80	27.10	0.22	54.3	500	1.110
10	18.58	10.61	5.89	188.40	12.40	0.11	18.3	500	
15	21.20	10.71	5.90	188.50	10.10	0.09	13.7	500	
20	22.70	10.58	5.91	188.40	10.60	0.08	11.3	500	
25	24.00	10.34	5.91	188.90	11.50	0.08	11.2	500	
30	26.02	10.72	5.91	188.20	11.20	0.07	8.07	500	
35	27.65	10.86	5.91	188.70	11.40	0.08	7.35	500	
40	29.30	10.63	5.92	188.40	12.20	0.10	7.24	500	1.116
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1139 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.116

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0373-02 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TJP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: 30's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 22.31 ft. bmp
Depth to Water*: 5.4 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1045
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.5	10.63	6.25	31.39	31.9	0.09	5.25	460	1.018
10	7.9	10.24	6.35	25.43	31.4	0.45	4.35	460	
15	8.8	10.01	6.40	23.74	30.0	1.09	3.68	460	
20	9.15	10.15	6.38	24.91	31.8	1.05	4.71	460	
25	9.45	10.20	6.37	25.79	32.3	1.23	6.71	460	
30	9.8	10.21	6.36	27.23	33.3	1.42	11.6	460	
35	9.9	10.21	6.32	29.22	34.7	1.27	11.4	460	
40	10.09	10.29	6.30	30.93	36.0	1.17	14.6	460	
45	10.2	10.33	6.28	32.03	37.0	1.11	16.7	460	
50	10.31	10.34	6.27	33.09	38.5	1.09	16.8	460	
55	10.41	10.39	6.26	33.76	39.4	1.11	16.5	460	
60	10.51	10.36	6.25	34.41	40.1	1.10	21.0	460	
65	10.6	10.39	6.25	34.93	40.2	1.11	18.2	460	
70	10.73	10.40	6.25	35.36	41.3	1.17	18.3	460	
75	10.8	10.34	6.25	35.78	41.6	1.23	18.5	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1202 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.016
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0373-03 **Sample Time:** 12 15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	FA0146
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: ~~Peristaltic~~ Bladder | Date: 2/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Sun, 35°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 114.77 ft. bmp
Depth to Water*: 13.91 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1113

Initial Observations: Color: Clear-sl. cloudy | Odor: V. Sl. Sulfur/organic | Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.97	11.56	6.54	185.38	-22.0	0.93	12.8	*240	1.100
10	16.47	11.82	6.52	184.34	-18.9	0.33	14.1	240	
15	18.50	11.80	6.56	183.35	-24.2	0.19	7.83	240	
20	20.40	11.73	6.58	183.06	-34.4	0.15	7.92	240	
25	21.62	12.03	6.60	181.90	-45.3	0.13	3.58	240	
30	22.87	11.99	6.61	182.02	-48.7	0.11	2.35	240	
35	24.23	11.99	6.61	181.96	-50.4	0.10	2.103	240	
40	25.16	12.13	6.61	181.66	-51.2	0.09	3.10	240	
45	27.1	12.11	6.62	182.17	-52.1	0.08	2.25	240	
50	28.1	12.07	6.62	180.91	-52.4	0.08	2.37	240	
55	29.35	12.28	6.62	181.6	-53.0	0.07	2.03	240	
60	30.28	12.05	6.62	181.18	-53.0	0.06	2.09	240	
65	31.73	12.12	6.62	182.23	-53.5	0.06	1.81	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1218 | Total volume of groundwater purged: 5 gallon(s). | *Specific Gravity:* 1.104

Final Observations: Color: Clear | Odor: No | Sheen/Free Product: No

Sample ID: SB915-0373-04 | **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: Pump settings: 2 CPM 65-70 PSI
*Previous Flow-Rate of 500, trying not to overload bladder as I was told to proceed despite it missing plastic fastener.

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF, TBP, RPC
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Sun, 35°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.85 ft. bmp
Depth to Water*: 27.3 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
x 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1329
Initial Observations: Color: ~~Clear~~ V. Light Grey | Odor: No | Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.5	9.34	6.32	55.54	-24.1	0.09	43	300	1.020
10	27.5	9.56	6.26	56.32	-15.8	0.06	26.1	300	
15	27.5	9.35	6.26	56.68	-14.0	0.04	19.3	300	
20	27.5	9.06	6.24	57.33	-10.9	0.04	14.0	300	
25	27.5	9.04	6.23	57.39	-9.3	0.03	11.3	300	
30	27.5	9.10	6.22	57.71	-8.2	0.04	9.83	300	
35	27.5	8.85	6.21	58.11	-7.8	0.03	6.95	300	
40	27.5	8.80	6.20	58.59	-5.5	0.03	5.40	300	
45	27.5	8.85	6.19	59.39	-3.4	0.02	4.30	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1416 | Total volume of groundwater purged: 4.5 gallon(s). | *Specific Gravity:* 1.030
Final Observations: Color: Clear | Odor: No | Sheen/Free Product: No

Sample ID: SB915-0373-05 | **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA001325
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-20-17
Project #: 1163.63443 | Pump/Controller ID#: / | Weather: ~35° F Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 72.40 ft. bmp
Depth to Water*: 23.87 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1323
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.00	11.37	7.70	1.55	-71.50	0.20	11.1	420	1.002
10	24.03	11.02	7.27	1.57	-46.70	0.11	10.79	420	
15	24.03	10.99	7.13	1.56	-34.20	0.08	10.90	420	
20	24.03	11.00	7.07	1.56	-26.90	0.08	11.40	420	
25	24.03	11.04	7.03	1.56	-23.30	0.07	11.8	420	
30	24.03	10.90	7.01	1.57	-19.50	0.05	8.63	420	
35	24.03	11.03	6.99	1.57	-18.00	0.06	8.01	420	
40	24.03	11.03	6.98	1.56	-19.70	0.06	7.18	420	
45	24.03	10.98	6.97	1.56	-14.90	0.06	9.21	420	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1410 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0373-06 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA06941
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/21/17
Project #: 1163.63443 | Pump/Controller ID#: FA02674 / | Weather: 30's mostly cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 130.68 ft. bmp
Depth to Water*: 28.25 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 9:18
Initial Observations: Color: Slightly cloudy Odor: Slight organics Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.1	10.62	6.68	81.92	-61.6	0.15	18.4	440	~~440~~ 1.048
10	29.0	10.72	6.71	83.42	-61.7	0.10	6.58	440	
15	29.0	10.71	6.72	81.38	-57.3	0.08	6.34	440	
20	29.0	10.85	6.71	79.27	-52.8	0.06	7.09	440	
25	29	10.94	6.70	78.65	-50.5	0.04	6.82	440	
30	29	10.91	6.70	79.86	-48.9	0.03	5.58	440	
35	29	10.93	6.69	80.01	-47.6	0.03	2.48	440	
40	29	10.87	6.69	80.08	-46.9	0.02	2.93	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:32 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.040
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0374-01 **Sample Time:** 1050

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	F-A00997
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/21/17
Project #: 1163.63443 | Pump/Controller ID#: FA00443 | Weather: Cloudy, 51°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 131.61 ft. bmp
Depth to Water*: 26.42 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0926
Initial Observations: Color: Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.5	9.99	6.41	76.2	1.70	0.20	36.2	500	1.04
10	31.87	10.34	6.54	65.3	-1.60	0.14	69.6	500	
15	33.45	10.42	6.56	62.1	-11.4	0.09	102	500	
20	34.44	10.43	6.58	59.8	-28.9	0.07	121	500	
25	35.13	10.45	6.63	58.6	-29.0	0.05	164	500	
30	35.55	10.47	6.68	58.5	-34.9	0.04	103.2	500	
35	36.08	10.52	6.74	57.8	-43.0	0.03	93.6	500	
40	36.50	10.53	6.77	57.5	-44.5	0.02	82.0	500	1.027
45	36.78	10.61	6.78	56.8	-43.9	0.02	76.1	500	
50	36.95	10.62	6.78	56.5	-43.3	0.01	54.7	500	
55	37.10	10.59	6.77	56.5	-40.6	0.01	57.7	500	
60	37.10	10.55	6.76	56.3	-35.4	0.01	46.4	500	
65	37.3	10.52	6.75	56.5	-34.3	0.01	44.0	500	
70	37.4	10.57	6.73	56.6	-31.5	0.01	43.4	500	
75	37.45	10.57	6.72	56.6	-28.4	0.01	42.8	500	
80	37.49	10.58	6.72	56.5	-27.1	0.01	38.0	500	
85	37.54	10.62	6.70	56.5	-25.6	0.00	35.8	500	
90	37.58	10.62	6.70	56.9	-25.1	0.00	36.5	500	
95									
100									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1056 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.026
Final Observations: Color: Cloudy Odor: No Sheen/Free Product: No

Sample ID: SB915-0374-02 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Pump Settings: 5 GPM
90 PSI

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-21-17
Project #: 1163.63443 | Pump/Controller ID#: FAO 1038 | Weather: Overcast 40's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 156.00 ft. bmp
Depth to Water*: 25.55 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0930

Initial Observations: Color: clear Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.35	9.32	5.28	149.07	83.80	0.94	90.5	~~450~~ 500	1.078
10	32.20	10.05	5.92	143.84	1.40	0.16	20.9	500	
15	33.55	10.12	5.94	141.66	-3.40	0.10	11.4	500	
20	35.30	10.10	5.93	139.78	-35.30	0.06	10.07	500	
25	35.90	10.12	5.93	141.94	-42.10	0.04	15.5	500	
30	37.15	10.17	5.92	141.09	-37.20	0.03	15.1	500	
35	41.6	10.17	5.89	140.78	-21.70	0.03	11.2	500	
40	45.11	10.17	5.82	140.46	8.70	0.03	17.6	500	
45	46.27	10.24	5.68	140.70	43.40	0.03	20.8	500	
50	47.35	10.21	5.58	139.94	50.40	0.03	15.1	500	
55	48.20						15.6	500	
60	48.56	10.01	5.55	141.24	42.00	0.02	17.3	500	
65	49.97	10.08	5.55	140.75	39.90	0.02	11.4	300	
70	50.46	9.98	5.56	139.09	35.30	0.04	11.1	300	
75	50.79	10.05	5.57	140.09	32.70	0.02	12.04	300	1.080
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1045 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.080

Final Observations: Color: clear Odor: none Sheen/Free Product: none

Sample ID: SB915-0374-03 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1325
Turbidity Meter:	LaMotte	2020we	FAO 1463
Other:			

Notes: Ipad did not record this reading

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: [redacted] JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2-21-17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: ~40°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 79.75 ft. bmp
Depth to Water*: 12.13 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1102

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.16	10.62	6.48	108.51	-48.70	0.07	19.6	500	1.060
10	12.16	10.64	6.56	108.82	-53.00	0.05	10.08	500	
15	12.16	10.72	6.59	108.82	-54.50	0.04	8.53	500	
20	12.16	10.70	6.59	108.89	-53.70	0.03	8.22	500	
25	12.16	10.80	6.60	108.63	-54.80	0.03	8.07	500	
30	12.16	10.79	6.60	109.10	-52.70	0.03	5.15	500	
35	12.16	10.81	6.60	108.79	-51.00	0.03	4.87	500	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1139 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.060

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0374-04 **Sample Time:** 1200

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-87RR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/21/17

Project #: 1163.63443 | Pump/Controller ID#: FA00443 | Weather: Overcast 40's

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 129.75 ft. bmp

Depth to Water*: 31.47 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1303

Initial Observations: *Color:* Cloudy *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.46	7.31	8.17	92.11	-217.60	0.42	60.7	500	1.048
10	32.30	7.27	7.34	89.67	-124.60	0.64	20.8	500	
15	32.74	7.35	7.68	81.75	-141.70	0.77	14.3	500	
20	32.9	7.45	7.38	83.68	-103.90	1.33	17.2	500	
25	33.24	7.58	7.16	85.45	-80.70	1.45	12.1	500	
30	33.24	7.80	6.96	86.96	-62.70	1.06	9.97	500	
35	33.24	7.80	6.85	87.34	-52.20	1.02	8.07	500	
40	33.24	7.85	6.77	87.44	-45.20	0.91	5.97	500	
45	33.24	7.94	6.71	88.11	-40.20	0.90	4.60	500	
50	33.24	8.23	6.66	87.78	-38.50	0.50	4.03	500	
55	33.24	8.28	6.63	87.81	-36.60	0.25	4.05	500	
60	33.24	8.32	6.62	87.78	-37.20	0.13	3.78	500	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1403 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.044

Final Observations: *Color:* clear *Odor:* None *Sheen/Free Product:* none

Sample ID: SB915-0374-05 **Sample Time:** 1410

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/21/17
Project #: 1163.63443 | Pump/Controller ID#: FA02674 | Weather: Overcast, 40°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.55 ft. bmp
Depth to Water*: 18.14 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1322
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.95	11.27	6.28	208.3	47.4	0.98	17.4	300	1.126
10	22.53	11.27	6.22	207.2	44.8	0.31	15.0	300	
15	24.33	11.36	6.16	206.4	40.1	0.53	13.3	310	
20	25.69	11.51	6.12	206.3	34.0	0.78	12.3	310	
25	27.57	11.36	6.11	206.6	30.1	0.76	10.59	310	
30	29.03	11.31	6.10	205.6	27.6	0.73	9.06	300	
35	30.40	11.26	6.10	206.1	25.6	0.69	8.81	300	
40	31.95	11.20	6.10	207.0	24.2	0.66	8.15	295	
45	33.16	11.20	6.10	205.9	23.1	0.63	7.20	295	
50	34.25	11.17	6.11	206.9	21.8	0.60	8.36	300	
55	35.4	11.11	6.12	207.5	20.1	0.55	10.53	290	
60	35.51	10.89	6.13	206.3	19.9	0.54	7.86	150	
65	35.51	10.76	6.13	206.9	19.5	0.55	5.18	150	
70	35.54	10.77	6.15	207.7	15.1	0.36	11.10	150	
75	35.54	10.80	6.17	208.1	11.8	0.28	22.5	150	
80	35.54	10.86	6.19	207.8	19.5	0.25	9.50	150	
85	35.54	10.86	6.20	208.2	21.1	0.23	6.72	150	
90	35.60	10.84	6.20	208.7	22.3	0.23	4.79	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1452 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.132
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0374-06 **Sample Time:** 1457

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA0011
Other:			

Notes: Settings: CPM 4
90-95 PSI
Air hose was leaking near mouth

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bladder~~ Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/22/17
Project #: 1163.63443 | Pump/Controller ID#: FAD0443 | Weather: Cloudy 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 197.90 ft. bmp
Depth to Water*: 76.65 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:54
Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	79.58	10.72	6.49	74.40	3.60	1.22	23.2	250	1.038
10	80.51	10.72	6.80	79.69	-44.50	0.44	19.8	250	
15	82.12	10.90	6.84	79.23	-43.20	0.28	20.2	250	
20	83.15	11.11	6.83	78.23	-38.9	0.29	11.7	200	
25	84.22	11.18	6.83	78.08	-37.10	0.25	11.15	200	
30	85.31	11.27	6.83	77.18	-38.00	0.22	11.6	200	
35	86.21	11.31	6.85	76.76	-41.2	0.20	11.8	200	
40	86.75	11.46	6.86	76.28	-48.2	0.21	11.8	200	
45	87.22	11.92	6.87	75.68	-54.1	0.21	13.6	200	
50	87.64	11.92	6.87	75.43	-55.3	0.21	10.83	200	
55	87.92	12.21	6.88	75.31	-54.5	0.22	13.9	200	1.036
60									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:49 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0375-01 **Sample Time:** 11:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FAD0447
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/27/17
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: 50's Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 50.32 ft. bmp
Depth to Water*: 19.95 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 938
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.85	11.09	11.92	27.2	-160.5	0.26	11.2	330	1.012
10	23.4	11.09	11.95	27.1	-158.6	0.16	10.13	330	
15	24.5	11.92	11.97	27.1	-157.0	0.14	6.61	330	
20	25.7	11.06	11.98	27.1	-156.1	0.16	6.40	330	
25	26.56	11.11	11.99	26.4	-170.3	0.15	7.83	330	
30	27.2	11.2	12.01	25.4	-157.2	0.11	4.63	330	
35	27.82	11.24	12.01	25.4	-163.5	0.13	3.59	330	
40	28.23	11.25	12.01	25.5	-167.7	0.12	3.66	330	
45	28.75	11.25	12.01	25.90	-168.4	0.17	4.16	330	
50	29.1	11.23	12.01	25.9	-158.4	0.17	4.10	330	
55	29.36	11.16	12.01	26.1	-160.2	0.15	3.49	330	
60	29.65	11.28	12.01	26.2	-161.3	0.14	3.5	330	
65	30.05	11.23	12.01	26.2	-162.6	0.14	3.25	330	
70	30.3	11.23	12.01	26.2	-161.9	0.15	3.05	330	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0375-02,03 (FD **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes: BOD + FD

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/22/17
Project #: 1163.63443 | Pump/Controller ID#: FA02674 | Weather: Overcast, 43°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 209.85 ft. bmp
Depth to Water*: 83.52 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: ~~0959~~ 1029
Initial Observations: Color: Clear-Sl. Cloudy Odor: No Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	86.84	11.73	7.86	162.80	-108.3	0.35	24.5	300	1.084
10	88.81	12.01	7.72	159.50	-162.2	0.23	16.4	300	
15	91.17	11.96	7.83	156.50	-196.6	0.17	16.9	300	
20	93.75	12.08	7.63	152.50	-176.0	0.15	11.57	300	
25	95.05	12.37	7.54	148.50	-154.9	0.15	11.75	250	
30	96.58	12.33	7.51	149.40	-147.6	0.14	12.09	250	
35	98.02	12.38	7.49	150.10	-143.0	0.18	11.49	250	
40	99.56	11.96	7.49	150.80	-139.2	0.20	10.89	250	
45	100.98	12.09	7.48	150.20	-138.2	0.20	11.80	250	
50	102.20	12.01	7.49	151.00	-140.1	0.20	11.70	250	
55									
60									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1119 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.088
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0375-04* (MS/MSD) **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01321
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: * 05/06 Respectively
Settings: 3 CPM
120 PSI (Control Box)

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/22/17
Project #: 1163.63443 | Pump/Controller ID#: FA02674 | Weather: Overcast, 43°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.00 ft. bmp
Depth to Water*: 21.63 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1242
Initial Observations: *Color:* Clear *Odor:* V.Sl. Organic *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.15	11.82	12.09	39.50	-183.4	0.56	5.33	500	1.018
10	25.67	11.82	12.08	39.40	-180.3	0.56	4.54	500	
15	26.36	11.65	12.09	39.00	-176.9	0.61	5.90	500	
20	26.76	11.72	12.08	38.60	-176.8	0.45	8.06	500	
25	27.26	11.73	12.07	39.00	-178.9	0.46	7.27	500	
30	27.56	11.78	12.07	39.20	-180.8	0.43	7.29	500	
35	27.79	11.76	12.06	39.10	-181.1	0.42	5.80	500	
40	28.04	11.76	12.07	38.70	-181.8	0.38	3.32	500	
45	28.26	11.59	12.07	38.80	-185.1	0.34	3.31	485	
50	28.54	11.50	12.06	39.10	-181.3	0.38	2.63	500	
55	28.80	11.46	12.06	39.40	-181.7	0.41	2.74	500	
60	28.90	11.57	12.05	40.00	-183.1	0.41	2.52	500	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1342 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* Clear *Odor:* V.Sl. Organic *Sheen/Free Product:* No

Sample ID: SB915-0375-07 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: Settings: 5 CPM, 35 PSI (Control Box), 135 PSI (Tank), 135 PSI (Regulator)

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-PZ-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/22/17

Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Sunny 60°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 20.71 ft. bmp

Depth to Water*: 5.71 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 12:42

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.71	12.82	12.48	8.62	-67.2	3.19	14.8	180	1.004
10	5.72	12.80	12.51	8.67	-3.10	3.06	4.15	180	
15	5.73	12.20	12.54	8.71	-46.0	2.99	1.77	180	
20	5.74	12.49	12.55	8.72	-33.5	2.91	1.43	180	
25	5.74	12.52	12.56	8.74	-33.9	2.93	2.24	180	
30	5.74	12.65	12.56	8.73	-18.7	2.89	1.98	180	
35	5.74	12.60	12.57	8.73	-25.9	2.90	1.74	180	
40	5.74	12.52	12.57	8.75	-19.4	2.88	1.17	180	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:22 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.004

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0375-08 **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA0 [illegible]7
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/22/16
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 58 Sunny

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 29.15 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1236
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32	12.57	11.94	45.9	-183.3	0.46	10.94	300	1.016
10	33.25	12.34	12.04	43.0	-169.8	1.77	15.6	300	
15	34.7	12.15	12.06	40.5	-163.3	3.31	12.4	300	
20	35.5	12.16	12.06	41.5	-167.8	2.90	9.98	300	
25	36.5	12.33	12.04	42.4	-171.7	2.46	8.25	300	
30	37.15	12.36	12.04	43.2	-174.1	2.11	7.61	300	
35	37.7	12.38	12.03	44.5	-179.3	1.81	6.43	300	
40	38.5	12.38	12.04	45.9	-183.2	1.57	6.85	300	
45	38.7	12.22	12.01	47.6	-187.5	1.37	4.45	300	
50	39.2	12.21	12.0	49.4	-189.9	1.21	3.91	300	
55	39.55	12.01	12.0	51.2	-194.9	1.07	5.52	300	
60	39.9	11.93	11.99	53.2	-196.4	0.96	4.67	300	
65	40.25	12.00	11.98	54.5	-202.2	0.87	4.21	300	
70	40.35	11.97	11.97	56.2	-206.4	0.78	2.65	300	
75	40.7	12.07	11.96	57.6	-208.4	0.71	3.16	300	
80	40.8	12.01	11.95	58.9	-211.6	0.65	2.46	300	
85	41.0	11.95	11.95	59.5	-214.5	0.60	2.11	300	
90	41.15	11.91	11.95	60.8	-217.0	0.56	2.92	300	
95	41.3	11.83	11.94	62.0	-218.1	0.51	3.92	300	
100	41.55	11.79	11.79	62.5	-219.4	0.48	3.69		
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1500 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0375-09 **Sample Time:** 1515

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00109
Other:			

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-P2-07D

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: TBP | Date: 2/22/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	41.55	11.71	11.93	63.4	-227.9	0.44	1.85	300	
110	41.7	11.67	11.93	64.6	-24.1	0.42	1.95	300	
115	41.75	11.64	11.93	65.4	-225.2	0.39	1.52	300	
120	41.8	11.64	11.92	65.8	-227.6	0.38	2.18	300	
125	41.95	11.65	11.92	66.6	-229.6	0.35	1.24	300	
130	42.15	11.69	11.92	67.3	-230.5	0.34	1.94	300	
135	42.2	11.73	11.91	67.5	-230.8	0.32	2.52	300	
140	42.2	11.94	11.9	67.9	-233.1	0.31	1.34	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/22/17
Project #: 1163.63443 | Pump/Controller ID#: FA0069 | Weather: Sun/clouds 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.10 ft. bmp
Depth to Water*: 21.22 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:50

Initial Observations: Color: Clear Odor: None Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.45	12.15	11.77	52.68	-149.5	0.88	4.99	330	1.030
10	22.64	11.92	11.79	53.65	-154.6	1.36	9.00	330	
15	22.64	11.77	11.80	54.11	-156.0	1.67	9.21	330	
20	22.64	11.64	11.80	54.81	-156.5	1.86	8.13	330	
25	22.64	11.64	11.80	55.72	-150.7	1.95	7.96	330	
30	22.64	11.51	11.80	56.57	-159.1	2.00	6.08	330	
35	22.64	11.51	11.80	57.83	-160.4	2.06	5.76	330	
40	22.64	11.46	11.79	58.70	-159.7	2.14	4.94	330	
45	22.64	11.46	11.79	59.42	-160.3	2.23	4.71	330	
50	22.64	11.46	11.79	60.18	-160.2	2.24	3.58	330	
55	22.64	11.46	11.79	60.41	-161.2	2.53	3.43	330	
60	22.64	11.51	11.78	61.2	-162.6	2.49	2.94	330	
65	22.64	11.73	11.78	61.63	-163.8	2.48	2.78	330	
70	22.64	11.55	11.78	61.81	-164.9	2.48	2.38	330	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 15:00 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.024

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0375-10 **Sample Time:** 15:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/17
Project #: 1163.63443 | Pump/Controller ID#: FA00443 | Weather: Overcast 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 123.85 ft. bmp
Depth to Water*: 66.62 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0933

Initial Observations: *Color:* Cloudy *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	66.62	10.56	6.96	1.70	5.10	0.48	719 (MW)	500	1.004
10	66.63	10.44	6.97	1.70	-1.50	0.30	95	500	
15	66.64	10.56	6.99	1.70	-4.60	0.20	28	500	
20	66.64	10.63	6.99	1.80	-7.90	0.16	85.4	500	
25	66.64	10.52	6.98	1.80	-10.60	0.13	62.3	500	
30	66.64	10.43	6.98	1.80	-12.50	0.10	42.0	500	
35	66.64	10.39	6.98	1.80	-13.80	0.08	32.7	500	
40	66.64	10.48	6.98	1.80	-14.70	0.09	26.4	500	
45	66.64	10.58	6.97	1.80	-14.70	0.06	22.9	500	
50	66.64	10.45	6.97	1.80	-15.10	0.06	21.6	500	
55	66.64	10.44	6.98	1.80	-14.80	0.06	17.8	500	
60	66.64	10.41	6.98	1.80	-15.10	0.06	18.7	500	
65	66.64	10.44	6.98	1.80	-14.70	0.06	17.1	500	1.002
70	66.64	10.44	6.97	1.80	-13.90	0.05	16.9	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1044 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0376-01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00997
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/17
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Overcast, 55°F Wind

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 159.00 ft. bmp
Depth to Water*: 24.37 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0929
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.89	12.03	6.44	198.2	6.6	0.48	7.47	350	1.122
10	29.68	12.05	6.25	200.6	9.6	0.40	6.52	350	
15	31.25	12.10	6.23	199.4	9.7	0.50	7.29	350	
20	32.29	12.21	6.22	199.9	19.5	1.02	15.4	500	
25	33.87	12.24	6.20	199.6	24.1	1.52	7.02	500	
30	35.23	12.05	6.19	200.2	25.6	.88	6.50	500	
35	35.65	12.10	6.18	200.4	25.1	1.90	6.23	350	
40	36.08	12.02	6.17	201.0	20.9	1.76	6.64	350	1.130
45	36.32	12.47	6.17	199.9	18.0	1.68	4.83	350	
50	36.61	12.47	6.17	199.7	16.2	1.69	4.18	350	
55	36.85	12.19	6.17	200.7	14.9	1.64	5.07 3.90	350	
60	37.13	12.10	6.18	199.1	13.6	1.59	3.95	350	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1029 Total volume of groundwater purged: 7.5 gallon(s). Specific Gravity: 1.132
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0376-02 **Sample Time:** 1040

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0132
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: Settings: Tank Pressure 125 PSI, Regulator 120 PSI
Control Box: 5 CPM, 115 PSI, 7.2s Refill (For 500 mL/min)
4.8s Discharge
8s Refill, 4s Discharge for 350 mL/min

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/11
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: 58 Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 43.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 940
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	44.5	12.14	11.78	114.51	-185.4	1.02	53.3	100	1.066
10	45.2	12.24	11.82	116.15	-197.1	0.35	58.2	100	
15	45.6	12.25	11.83	115.57	-201.3	0.25	58.8	100	
20	46.32	11.83	11.86	115.84	-201.2	0.20	65.3	100	
25	46.85	11.56	11.87	115.62	-204.0	0.16	55.2	100	
30	47.5	11.55	11.87	115.39	-204.6	0.15	49.4	100	
35	47.85	12.07	11.85	114.62	-201.0	0.15	44.3	100	
40	48.35	11.98	11.86	113.59	-193.0	0.15	29.5	100	
45	48.61	11.69	11.87	113.85	-190.3	0.15	23.2	100	
50	49.2	11.64	11.88	114.11	-190.3	0.14	21.9	100	
55	49.5	11.65	11.88	114.31	-191.7	0.15	20.3	100	
60	49.7	11.69	11.88	113.72	-188.9	1.14	20.3	100	
65	50.05	11.88	11.88	113.9	-188.2	0.17	20.5	100	
70	50.5	12.57	11.86	113.23	-187.7	0.17	14.8	100	
75	50.8	12.83	11.85	113.23	-207.1	0.18	13.2	100	
80	51.0	12.97	11.85	113.04	-192.9	0.19	11.5	100	
85	51.3	13.07	11.85	112.33	-195.7	0.19	11.4	100	
90	51.4	13.09	11.86	112.95	-193.0	0.19	11.4	100	1.064
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1111 Total volume of groundwater purged: ~3 gallon(s). *Specific Gravity:* 1.064
Final Observations: Color: clear Odor: NO *Sheen/Free Product:* NO

Sample ID: SB915-0376-03 **Sample Time:** 1125

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00199
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/17
Project #: 1163.63443 | Pump/Controller ID#: FAO 1038 | Weather: Sunny 60's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 133.4 ft. bmp
Depth to Water*: 66.65 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1223
Initial Observations: *Color:* Cloudy *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.1	12.74	7.07	99.50	-62.90	0.43	92.4	400	1.054
10	67.1	12.26	6.77	101.16	-54.50	0.22	74.9	450	
15	67.1	12.05	6.64	100.97	-54.70	0.16	59.4	450	
20	67.1	11.96	6.57	100.95	-51.30	0.13	46.3	450	
25	67.1	12.24	6.51	99.90	-49.00	0.10	39.1	450	
30	67.1	12.06	6.47	100.06	-46.40	0.08	33.5	450	
35	67.1	12.11	6.45	100.20	-44.90	0.08	27.5	450	
40	67.1	12.04	6.43	100.16	-43.50	0.06	28.3	450	
45	67.1	12.06	6.41	100.52	-42.30	0.05	25.6	450	
50	67.1	12.10	6.40	99.93	-41.40	0.05	25.8	450	
55	67.1	11.82	6.40	100.10	-40.00	0.04	23.6	450	
60	67.1	11.83	6.39	106.03	-39.20	0.04	23.8	450	1.054
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1323 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.054
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Sample ID: SB915-0376-05 **Sample Time:** 1335

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1174
Turbidity Meter:	LaMotte	2020we	FAO 0947
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/23/17
Project #: 1163.63443 | Pump/Controller ID#: FA00619 | Weather: Windy, 62°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 119.25 ft. bmp
Depth to Water*: 85.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1248
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	80.61	12.51	7.65	13.83	-68.9	1.26	8.75	500	1.010
10	80.61	12.28	7.29	11.85	-59.0	1.61	5.72	500	
15	80.61	12.19	7.11	10.30	-52.5	1.82	5.79	500	
20	80.61	12.56	7.00	9.40	-47.6	2.11	4.54	450	
25	80.58	12.38	6.95	8.56	-45.0	1.97	5.24	500	
30	80.58	12.14	6.91	8.16	-42.1	2.09	4.67	500	
35	80.58	12.01	6.89	7.70	-40.2	2.00	4.45	500	
40	80.58	11.96	6.87	7.40	-38.9	2.01	4.04	500	
45	80.58	11.91	6.86	7.16	-37.3	2.04	4.14	500	
50	80.58	12.01	6.85	6.97	-35.8	2.08	4.04	500	
55	80.58	11.87	6.84	6.78	-34.5	2.04	3.93	500	
60	80.58	11.89	6.84	6.64	-33.4	2.07	3.48	500	
65	80.58	11.89	6.83	6.53	-32.2	2.07	3.93	500	
70	80.58	12.05	6.83	6.42	-31.5	2.15	3.12	500	
75	80.58	11.92	6.83	6.31	-30.6	2.07	3.36	500	
80	80.58	11.83	6.82	6.19	-29.6	2.07	3.44	500	
85	80.58	11.91	6.81	6.24	-28.8	2.14	3.06	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1414 Total volume of groundwater purged: 14.5 gallon(s). *Specific Gravity:* 1.005
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0376-06 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327 FA01327
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2-23-17
Project #: 1163.63443 | Pump/Controller ID#: / FA02674 | Weather: ~65°F Sun/Windy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 58.25 ft. bmp
Depth to Water*: 28.16 ft.
Length of Water Column: 30.09 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1241
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.18	13.17	12.50	11.70	-2.70	8.27	7.74	220	1.010
10	31.25	13.02	12.42	22.90	-90.70	7.24	13.43	220	
15	32.70	13.03	12.41	32.00	-109.00	6.29	14.1	220	
20	33.20	12.95	12.43	39.40	-116.10	5.51	16.2	220	
25	33.95	12.93	12.43	45.50	-117.00	4.75	16.3	220	
30	34.65	13.02	12.43	50.10	-119.00	4.19	14.4	220	
35	35.45	12.85	12.43	54.40	-118.20	3.53	11.7	220	
40	35.65	12.46	12.45	57.40	-119.90	3.16	11.2	220	
45	36.10	12.47	12.45	60.00	-128.10	2.75	11.95	220	
50	36.40	12.29	12.45	62.30	-129.70	2.41	11.33	220	
55	36.70	12.51	12.45	63.30	-137.40	2.13	11.17	220	
60	37.00	12.31	12.45	64.70	-139.50	1.88	9.97	220	
65	37.30	12.15	12.45	65.90	-140.40	1.69	10.38	220	
70	37.45	12.23	12.45	67.20	-144.10	1.50	10.31	220	
75	37.70	12.83	12.42	68.30	-147.50	1.32	12.39	220	
80	37.85	12.28	12.44	69.40	-146.80	1.20	10.80	220	
85	37.97	12.51	12.43	70.20	-152.90	1.05	11.22	220	
90	38.12	12.35	12.43	71.20	-152.30	0.97	11.70	220	
95	38.20	12.77	12.42	72.00	-154.50	0.85	11.29	220	
100	38.35	12.51	12.42	72.80	-155.20	0.80	10.59	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1447 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0376-07 **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

O'BRIEN & GERE Low Flow Groundwater Sampling Log | Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Project #: 1163.61104 | Field Personnel: dWB | Date: 2-23-17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	38.45	12.29	12.43	73.76	-154.30	0.73	9.48	220	1.038
110	38.66	12.61	12.41	74.20	-158.70	0.65	9.30	220	
115	38.60	12.33	12.42	75.20	-159.70	0.59	9.47	220	
120	38.73	12.22	12.42	75.80	-158.60	0.54	8.74	220	
125	38.73	12.09	12.43	76.40	-162.00	0.50	8.24	220	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-505

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: / | Date: 2-23-17
Project #: 1163.63443 | Pump/Controller ID#: / | Weather: ~65°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 36.27 ft. bmp
Depth to Water*: 33.35 ft.
Length of Water Column: 2.92 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-51S

Site Name: SB915 Closure / SCA | Sampling Method: NA | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: / | Date: 2-23-17

Project #: 1163.63443 | Pump/Controller ID#: / | Weather: ~65°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 35.28 ft. bmp

Depth to Water*: 31.50 ft.

Length of Water Column: 3.78 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not	enough	water	to sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443

Sampling Method: ~~Low Flow Trad~~
Pump Type Used: ~~B~~
Pump/Controller ID#:

Field Personnel: JWB, AJF
Date: 2/23/17
Weather: Sun, 62°F

Well Information:

Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 45.05 ft. bmp
Depth to Water*: 40.60 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: —

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	40.60	—	—	—	—	—	—	—	—
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: Not enough water to sample

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: Traditional | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: — (Bailer) | Date: 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: — | Weather: Rain, 45°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 41.75 ft. bmp
Depth to Water*: 36.15 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: —

Initial Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
—		15,37	11,88	34,0	-90,8	4,41	3,55	—	1,016
2/28/17	~~35~~88	11,47	11,16	37,64	132,4	5,22	5,53	—	1,020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: SB915-0377-01 **Sample Time:** 1105

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	—
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: Traditional | Field Personnel: JWB, AJF
Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 2/23/17 - 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: N/A | Weather: Sun, 55F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 46.95 ft. bmp
Depth to Water*: 38.78 ft.
Length of Water Column: 8.17 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.33 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1125
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
2/23 0	38.78	14.20	12.3	6.30	-17.8	7.21	—	—	1.004
15	46.00	Dry							
2/24	38.73	10.90	12.2	7.57	120.7	7.70	3.18	—	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1140 Total volume of groundwater purged: ~3 gallon(s). *Specific Gravity:* — 1.006
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0377-02 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01327
Turbidity Meter:	LaMotte	2020we	—
Other:			

Notes: * Purged dry, sampling the following day

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name: SB915 Closure / SCA | Sampling Method: Traditional | Field Personnel: DMR

Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 2/23/17

Project #: 1163.63443 | Pump/Controller ID#: — | Weather: —

Well Information:

Installed Depth of Well*: ____ ft. bmp

Measured Depth of Well*: 34.9 ft. bmp

Depth to Water*: 25.22 ft.

Length of Water Column: ____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: ____ gal.

Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: ____

Start Purge Time: —

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
2/23	25.22	21.78	11.71	0.31	52.3	8.59	2.23	—	1.004
2/24	24.60	10.76	12.21	9.21	84.4	5.02	4.50	—	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: ____ gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* ____ *Odor:* ____ *Sheen/Free Product:* ____

Sample ID: SB915-0377-03 **Sample Time:** 1205

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF, RPC
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Rain, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 70.08 ft. bmp
Depth to Water*: 45.81 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1120
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	49.50	10.55	11.93	100.52	-149.20	4.38	14.4	100	1.054
10	49.55	10.~~53~~ 49	11.97	102.60	-167.60	0.73	13.00	100	
15	48.19	10.54	11.99	101.84	-169.20	0.43	11.90	100	
20	48.76	10.53	12.02	100.89	-157.70	0.36	15.00	100	
25	49.31	10.54	12.03	100.45	-155.60	0.32	12.30	100	
30	49.83	10.58	12.03	100.22	-157.80	0.30	12.20	100	
35	50.15	10.67	12.04	100.00	-160.30	0.28	10.11	100	
40	50.60	10.81	12.04	100.16	-163.60	0.27	8.54	100	
45	51.14	11.15	12.03	99.23	-166.10	0.27	6.02	100	
50	51.50	11.55	12.02	99.38	-169.10	0.27	6.15	100	
55	51.89	11.60	12.02	99.35	-171.50	0.29	5.79	100	
60	52.25	11.74	12.02	99.38	-175.10	0.30	4.58	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 25 gallon(s). *Specific Gravity:* 1.052
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-037-04 **Sample Time:** 1225

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105RR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: TBP, AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Sun, 35°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.55 ft. bmp
Depth to Water*: 41.70 ft.
Length of Water Column: 23.85 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.89 gal.
Pump Intake Depth*: 11.67 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1408
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	41.76	9.98	10.3	0.95	11.4	0.22	9.87	500	1.000
10	41.76	9.73	10.04	0.96	86.5	0.15	9.52	500	
15	41.76	9.77	9.83	0.96	76.5	0.12	5.00	500	
20	41.76	9.80	9.64	0.96	65.8	0.10	2.89	500	
25	41.76	9.96	9.48	0.96	55.9	0.08	3.28	500	
30	41.76	9.79	9.32	0.97	69.2	0.07	2.44	500	
35	41.76	9.92	9.21	0.96	67.2	0.06	3.02	500	
40	41.76	9.78	9.10	0.97	64.8	0.06	1.76	500	
45	41.76	9.78	8.99	0.97	58.3	0.05	2.58	500	
50	41.76	9.78	8.89	0.97	63.5	0.06	2.02	500	
55	41.76	10.15	8.78	0.97	66.9	0.06	2.32	300	
60	41.76	10.52	8.68	0.97	77.1	0.06	1.93	300	
65	41.76	9.96	8.60	0.96	70.60	0.05	2.71	500	
70	41.76	9.92	8.51	0.97	66.80	0.05	2.36	500	
75	41.76	9.68	8.42	0.98	61.80	0.05	2.87	500	
80	41.76	9.87	8.34	0.97	61.40	0.04	2.52	500	
85	41.76	9.78	8.27	0.97	63.10	0.04	2.04	500	
90	41.76	9.74	8.20	0.97	65.90	0.04	2.06	500	
95	41.76	9.69	8.12	0.98	71.90	0.04	2.09	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1544 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0378-05 **Sample Time:** 15:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA014603
Other:			

Notes: ~~41.42' (DTW, MW-105S, Well Casing~~
well Sampled Due to 3well volumes Being Purged, ph not Stable yet, per J. Bone

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-365

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: RPC
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: FA00729 | Weather: Sun, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: ~~24~~ 20.6 ft. bmp
Depth to Water*: 7.7 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1340
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.71	11.78	12.68	5.77	-7.90	4.90	1.57	280	1.002
10	7.74	10.72	12.65	5.90	0.30	4.86	1.08		
15	7.72	10.58	12.63	5.94	3.50	4.93	1.31	280	
20	7.72	10.66	12.62	5.92	6.20	4.91	1.08		
25	7.72	10.29	12.62	5.96	7.70	5.01	1.28		
30	7.72	10.72	12.60	5.89	9.00	4.89	1.29		
35	7.72	10.86	12.59	5.89	9.50	4.88	1.22		
40	7.72	10.90	12.59	5.89	10.10	4.87	1.49		
45	7.72	10.95	12.59	5.90	10.40	4.87	1.21		
50	7.72	10.86	12.58	5.90	10.90	4.92	1.26		1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1425 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0377-06 **Sample Time:** 1435

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA001111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP/ASF
Site Location: Camillus, NY | Pump Type Used: | Date: 2/24/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.68 ft. bmp
Depth to Water*: 14.42 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	Not enough water to sample								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 2/27/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Clear, 34°F, Wind

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 111.91 ft. bmp
Depth to Water*: 27.05 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0956
Initial Observations: Color: V. Light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.74	11.27	6.39	51.27	23.2	0.33	109	500	1.026
10	30.60	11.23	6.37	55.18	25.6	0.99	63.9	500	
15	33.05	11.23	6.34	60.70	23.3	0.69	53.5	500	
20	34.20	11.27	6.33	61.70	27.6	0.70	39.1	500	
25	34.98	11.27	6.31	64.58	25.2	0.41	36.4	500	
30	35.50	11.27	6.31	65.79	24.6	0.32	28.5	500	
35	35.87	11.33	6.31	66.63	24.9	0.26	24.5	500	1.034
40	36.20	11.36	6.31	66.82	25.1	0.21	26.8	500	
45	36.30	11.38	6.31	67.30	25.1	0.18	22.8	500	
50	36.40	11.37	6.31	67.53	25.9	0.15	19.5	500	
55	36.54	11.41	6.31	67.93	25.2	0.13	15.5	500	
60	36.60	11.39	6.32	68.16	25.7	0.12	16.8	500	
65	36.64	11.41	6.32	67.92	23.7	0.11	15.0	500	
70	36.67	11.41	6.32	68.12	25.0	0.10	15.0	500	
75	36.70	11.40	6.32	67.66	24.7	0.09	13.5	500	
80	36.75	11.37	6.32	68.40	25.6	0.09	11.6	500	
85	36.76	11.39	6.32	68.14	25.5	0.09	12.6	500	
90	36.80	11.40	6.33	68.04	26.2	0.08	11.6	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1120 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0378-01 **Sample Time:** 1135

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00104
Other:			

Notes: Settings: 5 CPM
Tank Pressure: 130 Control Box
Regulator Pressure: 130 Pressure: 30 PSI

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBD

Site Location: Camillus, NY | Pump Type Used: | Date: 3/6/17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 20's mostly cloudy

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 39.4 ft. bmp

Depth to Water*: 33.05 ft.

Length of Water Column: 6.35 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.03 gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	Not enough water for expanded set.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

APPENDIX B

2nd Quarter 2017 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-1-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 90.98 ft. bmp
Depth to Water*: 7.72 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:26
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.08	14.00	6.70	27.80	11.80	0.22	6.65	500	1.014
10	8.12	13.00	6.61	28.37	6.00	0.05	5.70	500	
15	8.15	12.75	6.58	28.25	0.10	0.03	27.3	500	
20	8.18	12.71	6.38	38.81	-1.50	0.03	30.2	500	
25	8.20	12.81	6.35	53.86	-6.30	0.02	21.4	500	
30	8.20	12.85	6.41	56.15	-8.30	0.02	11.48	500	
35	8.22	12.88	6.43	57.41	-8.90	0.02	8.56	500	
40	8.24	12.76	6.45	58.79	-9.60	0.02	7.49	500	1.028
45	8.24	12.64	6.47	58.98	-9.00	0.01	8.18	500	1.030
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:12 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0379-01,02,03(MS/MSD) **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/1/17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~75°F Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 21.95 ft. bmp

Depth to Water*: 8.12 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 10:30

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.47	13.84	6.38	33.20	-61.60	0.43	11.40	320	1.018
10	11.00	12.47	6.34	33.40	-48.40	0.10	17.0	240	
15	11.70	12.34	6.39	32.70	-42.40	0.05	19.7	240	
20	12.32	12.20	6.39	32.90	-40.30	0.04	19.2	240	
25	12.20	12.20	6.39	32.90	-44.10	0.03	19.4	240	
30	13.36	12.16	6.39	32.80	-48.00	0.03	18.8	240	
35	13.57	12.21	6.39	32.60	-50.10	0.04	20.0	240	
40	13.87	12.22	6.40	32.60	-53.10	0.08	19.9	240	
45	14.13	12.20	6.41	32.40	-57.20	0.10	14.9	240	
50	14.40	12.05	6.42	32.00	-62.50	0.09	11.27	240	
55	14.60	12.10	6.43	31.60	-67.90	0.06	7.48	240	
60	14.83	12.06	6.43	31.50	-70.58	0.06	5.69	240	
65	14.97	12.06	6.44	31.30	-71.20	0.04	4.53	240	1.016
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 11:40 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.016

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0319-04.05(FD) **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-1-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 59.02 ft. bmp
Depth to Water*: 0.85 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:14
Initial Observations: *Color:* clear-cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	0.85	14.21	7.63	9.03	-88.00	0.11	68.6	500	1.004
10	0.85	13.58	7.44	9.02	-72.60	0.06	19.1	500	
15	0.85	13.54	7.32	9.01	-67.60	0.05	11.39	500	
20	0.85	13.49	7.24	8.91	-61.70	0.05	6.99	500	
25	0.85	13.40	7.18	8.86	-61.50	0.05	11.27	500	
30	0.85	13.10	7.14	8.99	-60.10	0.05	6.61	500	
35	0.85	12.98	7.10	8.91	-60.70	0.04	5.82	500	
40	0.85	13.04	7.07	8.88	-60.30	0.04	2.50	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:54 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0379-06 **Sample Time:** 14:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.1.17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~75°F Sunkland

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 15.43 ft. bmp
Depth to Water*: 4.24 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1315
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.10	13.11	7.05	40.20	-21.60	0.07	11.21	240	1.020
10	5.40	12.37	7.04	25.40	-21.50	0.01	8.80	240	
15	5.90	12.12	6.97	26.00	-18.10	0.00	9.00	240	
20	6.17	11.90	6.96	26.30	-16.70	0.08	9.18	240	
25	6.32	12.01	6.97	24.70	-25.40	0.25	8.38	240	
30	6.60	11.56	6.97	23.90	-31.50	0.41	8.57	240	
35	6.90	11.46	6.95	24.80	-33.80	0.45	6.93	240	
40	7.03	11.47	6.94	25.60	-30.00	0.36	7.18	240	
45	7.26	11.64	6.92	25.00	-27.60	0.26	6.19	240	
50	7.58	11.41	6.93	25.10	-21.40	0.19	6.26	240	
55	7.76	11.55	6.93	25.20	-18.30	0.17	5.85	240	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1411 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0379-07 **Sample Time:** 1410

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Lowflow | Field Personnel: CAH + MCP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-2-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy, 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.80 ft. bmp
Depth to Water*: 10.30 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:03

Initial Observations: Color: clear Odor: leachate Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.64	10.48	12.03	4.90	-101.90	0.10	4.68	500	1.002
10	10.73	10.27	12.09	4.85	-98.70	0.06	2.12	500	
15	10.75	10.25	12.11	4.76	-95.30	0.05	2.08	500	
20	10.78	10.23	12.12	4.69	-94.50	0.04	9.70	500	
25	10.80	10.20	12.14	4.64	-98.10	0.04	8.41	500	
30	10.79	10.24	12.14	4.64	-105.10	0.03	6.25	500	
35	10.79	10.29	12.16	4.61	-110.40	0.03	9.44	500	
40	10.79	10.35	12.17	4.58	-110.90	0.03	2.79	500	
45	10.79	10.43	12.18	4.60	-118.70	0.03	1.54	500	
50	10.79	10.34	12.19	4.57	-117.0	0.03	4.61	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:56 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: leachate Sheen/Free Product: NO

Sample ID: SB915-0380-01 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01104
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA 00615 | Weather: 50's Partly Cloudy

Well Information:
Installed Depth of Well*: 20 ft. bmp
Measured Depth of Well*: 22.45 ft. bmp
Depth to Water*: 3.7 ft.
Length of Water Column: 18.75 ft.

Well Volume Multipliers:
X 2 in. = 0.163 gal/ft
Well Volume: 3.056 gal.
Pump Intake Depth*: ~17.5 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 849
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.41	18.81	5.9	65.23	68.1	0.08	52.6	340	1.036
10	7.45	10.12	5.97	65.53	57.0	0.05	37.8	340	
15	8.55	9.90	6.01	65.88	50.3	0.05	19.4	340	
20	9.00	9.79	6.02	66.45	47.1	0.04	18.5	340	
25	9.45	9.73	6.03	67.19	46.0	0.04	16.5	340	
30	9.88	9.74	6.04	67.88	45.3	0.05	12.5	340	
35	10.25	9.66	6.04	67.73	44.7	0.07	12.4	340	
40	10.35	9.63	6.05	68.6	43.8	0.07	10.33	340	
45	10.5	9.61	6.04	69.89	42.4	0.07	9.65	340	
50	10.65	9.69	6.03	70.55	42.5	0.06	7.89	340	
55	10.7	9.88	6.03	71.08	44.4	0.05	5.76	340	
60	10.70	9.84	6.03	71.53	45.9	0.04	5.25	340	
65	10.7	4.80	6.03	71.53	47.2	0.04	5.29	340	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 957 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.038
Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Sample ID: SB915-0380-02 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA07902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-2-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~55°F Sun/Clouds

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 44.73 ft. bmp
Depth to Water*: 7.00 ft.
Length of Water Column: 37.73 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0955
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.55	11.74	7.03	5.40	-6.10	5.48	21.9	500	1.004
10	9.14	11.56	6.86	10.40	-41.10	0.91	34.7	500	
15	9.28	11.51	6.82	29.00	-92.20	0.20	16.5	500	
20	9.32	11.48	6.82	35.30	-90.70	0.09	13.14	500	
25	9.35	11.42	6.85	36.40	-90.40	0.10	9.93	500	
30	9.35	11.42	6.85	38.10	-88.40	0.11	7.87	500	
35	9.35	11.48	6.85	38.90	-87.20	0.11	5.76	500	
40	9.35	11.46	6.84	40.50	-86.20	0.11	4.86	500	
45	9.35	11.41	6.83	42.40	-85.50	0.10	3.33	500	
50	9.35	11.41	6.82	44.60	-85.20	0.09	4.18	500	
55	9.35	11.37	6.81	46.30	-85.10	0.09	4.68	500	
60	9.35	11.40	6.81	47.30	-85.00	0.08	3.75	500	
65	9.35	11.41	6.81	48.00	-84.90	0.07	3.12	500	
70	9.35	11.42	6.80	49.20	-85.10	0.07	3.22	500	
75	9.35	11.41	6.81	49.50	-85.50	0.08	3.91	508	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:12 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.024
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0380-03 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA014163
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW - 03

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: MLP CAH
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA 01237 | Weather: cloudy 55°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 36.37 ft. bmp
Depth to Water*: 5.65 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:55
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.64	10.65	7.05	12.91	-53.60	0.11	4.83	500	1.008
10	5.61	10.62	6.83	12.92	-49.50	0.08	2.70	500	
15	5.64	10.62	6.78	12.93	-47.80	0.07	2.66	500	
20	5.64	10.62	6.77	12.94	-46.80	0.07	4.50	500	
25	5.63	10.67	6.76	12.94	-45.60	0.06	2.22	500	
30	5.64	10.71	6.75	12.93	-45.00	0.06	2.13	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:25 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0380-04 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	~~FA01108~~ FA01390
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 5/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: 50's mostly cloudy

Well Information:
Installed Depth of Well*: 56 ft. bmp
Measured Depth of Well*: 57.1 ft. bmp
Depth to Water*: 6.51 ft.
Length of Water Column: 50.59 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 8.246 gal.
Pump Intake Depth*: ~52.1 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1040
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.5	11.42	6.93	11.69	-9.2	0.08	18.5	500	1.008
10	6.62	11.41	6.81	11.56	-7.6	0.05	20.1	500	
15	6.6	11.4	6.73	11.4	-6.4	0.04	15.6	500	
20	6.6	11.38	6.69	11.29	-5.80	0.04	17.2	500	
25	6.6	11.39	6.65	11.23	-5.10	0.03	13.6	500	
30	6.6	11.42	6.62	11.12	-4.60	0.03	11.8	500	
35	6.6	11.43	6.60	11.08	-4.00	0.03	8.87	500	
40	6.6	11.47	6.59	11.05	-3.90	0.03	9.48	500	
45	6.6	11.47	6.57	10.93	-3.5	0.03	8.64	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1129 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0380-05 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-2-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~55°F Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 19.81 ft. bmp
Depth to Water*: 2.87 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1151
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.50	9.78	7.60	1.00	47.90	3.70	8.41	500	1.002
10	5.15	9.55	7.46	0.60	58.90	4.27	5.56	500	
15	5.28	9.50	7.38	0.60	65.90	3.91	4.79	500	
20	5.37	9.50	7.33	0.60	70.60	3.72	2.75	500	
25	5.40	9.54	7.29	0.50	63.70	3.65	2.71	500	
30	5.42	9.60	7.44	0.50	67.90	3.61	2.42	500	
35	5.47	9.64	7.49	0.50	69.10	3.70	3.00	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0380-06 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-~~0380~~MW-10TD

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/2/17

Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: 50's Sprinkling

Well Information:

Installed Depth of Well*: 106 ft. bmp

Measured Depth of Well*: 107.48 ft. bmp

Depth to Water*: 9.85 ft.

Length of Water Column: 97.63 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 15.913 gal.

Pump Intake Depth*: 102.5 ft. bmp.

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other:

Start Purge Time: 12:15

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.9	11.75	6.21	131.34	15.3	0.30	9.58	500	1.076
10	9.9	11.75	6.20	133.98	5.7	0.09	5.76	500	
15	9.9	11.77	6.20	134.07	8.4	0.06	4.96	500	
20	9.9	11.71	6.20	133.31	8.8	0.05	4.5	500	
25	9.9	11.6	6.20	133.17	8.8	0.05	4.28	500	
30	9.9	11.52	6.20	133.63	8.5	0.04	4.3	500	
								500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:~~45~~ 55 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.080

Final Observations: *Color:* ~~tea~~ Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0300-07 **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP, CAH
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: cloudy, 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 18.27 ft. bmp
Depth to Water*: 8.35 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:10
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.37	9.12	7.00	1.35	110.70	3.88	1.88	320	1.002
10	9.92	8.89	6.97	1.34	117.50	6.71	1.21	320	
15	10.24	8.92	6.95	1.34	111.00	5.72	1.23	320	
20	10.63	8.93	6.92	1.37	102.30	3.92	1.08	320	
25	10.74	9.12	6.87	1.42	85.60	2.15	1.10	240	
30	10.84	9.26	6.86	1.43	80.40	1.81	1.32	240	
35	11.05	9.21	6.85	1.44	75.40	1.46	0.89	240	
40	11.18	9.25	6.83	1.45	71.10	1.28	1.41	240	
45	11.33	9.23	6.82	1.45	65.90	1.09	0.93	240	
50	11.42	9.28	6.82	1.46	61.00	1.01	1.00	240	
55	11.56	9.40	6.81	1.45	57.50	0.89	0.92	240	
60	11.69	9.59	6.81	1.46	54.10	0.81	0.99	240	
65	11.70	9.49	6.82	1.46	52.20	0.73	1.71	240	
70	11.85	9.49	6.80	1.46	49.60	0.64	0.85	240	
75	11.94	9.59	6.80	1.45	48.30	0.58	0.86	240	
80	12.08	9.68	6.79	1.46	47.80	0.52	0.98	240	
85	12.13	9.52	6.81	1.45	45.90	0.46	1.22	240	
90	12.23	9.63	6.80	1.45	47.10	0.42	1.34	240	
95	12.31	9.70	6.80	1.45	45.20	0.37	1.46	240	
100	12.34	9.68	6.80	1.45	44.80	0.36	1.45	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1356 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0380-08 **Sample Time:** 1440

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: MCP | Date: 5/2/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	12.43	9.72	6.80	1.45	45.30	0.36	1.06	240	1.002

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP (MCP)

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/3/17

Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: Cloudy, 40°

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 55.71 ft. bmp

Depth to Water*: 8.04 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:55

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.04	11.49	6.21	20.68	10.10	0.06	14.3	500	1.012
10	8.04	11.54	6.18	20.84	6.50	0.05	7.72	500	
15	8.04	11.52	6.17	20.82	3.60	0.04	4.54	500	
20	8.04	11.55	6.16	20.57	1.80	0.04	3.02	500	
25	8.04	11.61	6.17	20.77	0.90	0.04	2.60	500	
30	8.04	11.57	6.16	20.45	0.33	0.04	2.96	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:25 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915 - 0381-01 **Sample Time:** 10:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/3/17

Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: 50's mostly cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 79.64 ft. bmp

Depth to Water*: 9.17 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1018

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.3	11.74	6.33	86.64	-67.4	0.17	8.17	500	1.044
10	9.4	11.50	6.17	86.52	-41.3	0.14	10.2	500	
15	9.4	11.53	6.15	86.16	-29.6	0.12	6.92	500	
20	9.4	11.60	6.15	86.29	-23.6	0.09	5.17	500	
25	9.4	11.50	6.15	8.63	-19.6	0.08	3.45	500	
30	9.4	11.56	6.16	86.73	-17.7	0.08	3.07	500	
35	9.4	11.60	6.17	86.26	-17.5	0.08	2.37	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1055 Total volume of groundwater purged: ~5 gallon(s). *Specific Gravity:* 1.046

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0381-02 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.3.17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~45° F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 25.90 ft. bmp
Depth to Water*: 6.63 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1003
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) (circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.62	10.77	6.72	12.90	31.80	0.40	84.0	240	1.006
10	8.20	10.58	6.80	13.10	31.20	0.21	93.9	240	
15	8.55	10.62	6.83	13.60	27.40	0.16	101.4	240	
20	8.78	10.71	6.84	12.80	25.20	0.15	107.20	240	
25	8.92	16.81	6.86	12.40	21.20	0.12	135	240	
30	9.10	10.90	6.88	12.10	17.80	0.10	131	240	
35	9.20	10.86	6.88	12.20	18.00	0.11	179.0	240	
40	9.25	11.04	6.96	10.50	0.50	0.09	1744	240	
45	9.62	11.08	6.97	10.60	-1.10	0.08	1228	340	
50	9.85	11.22	6.97	10.58	-4.60	0.08	932	340	
55	10.00	11.20	6.98	10.40	-7.30	0.07	796	340	
60	10.08	11.20	6.99	10.20	-10.70	0.07	732	340	
65	10.15	11.16	6.99	10.40	-10.60	0.08	713	340	
70	10.35	11.13	7.00	10.10	-12.16	0.08	665	340	
75	10.50	11.20	7.00	10.20	-13.40	0.09	162	340	
80	10.60	11.36	7.02	9.90	-18.40	0.08	144	340	
85	10.67	11.32	7.03	9.76	-21.00	0.07	143	340	
90	10.77	11.32	7.03	9.70	-21.30	0.08	108	340	
95	10.85	11.41	7.03	9.60	-23.60	0.08	956	340	
100	10.97	11.37	7.03	9.70	-22.30	0.08	1056	340	1.010
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1141 Total volume of groundwater purged: 16 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* Translucent Brown *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0381-03 **Sample Time:** 1220

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/3/17

Project #: 1163.63443 | Pump/Controller ID#: FAO 1237 | Weather: 50's mostly cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 16.11 ft. bmp

Depth to Water*: 3.5 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1141

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.1	9.93	11.16	17.93	-326.2	0.02	19	500	1.010
10	4.12	9.97	11.26	18.43	-328.8	0.00	9.74	500	
15	4.2	9.95	11.37	19.14	-338.1	0.00	6.45	500	
20	4.2	9.87	11.44	19.76	-338.7	0.00	4.48	500	
25	4.2	9.83	11.49	20.22	-337.6	0.00	4.28	500	
30	4.2	9.93	11.52	20.49	-336.6	0.00	3.57	500	
35	4.2	10.16	11.54	20.67	-339.6	0.00	3.8	500	
40	4.2	10.16	11.57	20.91	-338.6	0.00	3.6	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1224 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0381-04 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1174
Turbidity Meter:	LaMotte	2020we	FAO 1390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-3-17
Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: cloudy, 43°

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 15.35 ft. bmp
Depth to Water*: 3.24 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:45
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.92	9.70	10.63	11.55	-275.80	0.09	5.77	500	1.004
10	3.96	9.47	11.05	11.73	-266.10	0.06	4.34	500	
15	3.96	9.51	11.23	11.85	-267.50	0.04	2.99	500	
20	3.96	9.43	11.33	12.01	-269.60	0.03	1.46	500	
25	3.96	9.42	11.43	12.13	-272.40	0.03	1.77	500	
30	3.99	9.37	11.48	12.27	-276.00	0.03	2.29	500	
35	3.99	9.51	11.54	12.40	-279.30	0.03	1.67	500	
40	3.96	9.65	11.59	12.48	-282.50	0.02	1.00	500	
45	3.96	9.61	11.64	12.62	-285.40	0.02	2.56	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0381-05 **Sample Time:** 1307

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.3.17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 45° F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 20.16 ft. bmp
Depth to Water*: 3.54 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1226
Initial Observations: Color: Translucent Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.00	9.93	7.10	2.80	91.10	0.22	16.8	500	1.002
10	5.20	9.89	7.22	1.20	83.60	0.92	50.4	500	
15	5.20	9.86	7.21	1.20	81.50	0.57	43.7	500	
20	5.20	9.90	7.21	1.10	79.30	0.46	21.3	500	
25	5.20	9.96	7.22	1.00	78.50	0.47	16.4	500	
30	5.20	10.06	7.22	0.90	79.30	0.51	11.9	500	
35	5.20	10.06	7.22	0.90	78.9	0.56	13.82	500	
40	5.20	10.32	7.22	0.80	79.40	0.58	10.75	500	
45	5.20	10.29	7.22	0.80	81.40	0.64	9.65	500	
50	5.20	10.35	7.22	0.80	81.70	0.68	9.50	500	
55	5.20	10.64	7.22	0.80	82.30	0.71	9.42	500	
60	5.20	10.59	7.21	0.70	84.40	0.72	8.76	500	
65	5.20	10.57	7.22	0.70	85.10	0.70	8.89	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1332 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0381-06 **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-4-17

Project #: 1163.63443 | Pump/Controller ID#: FA01257 | Weather: Sunny, 60°

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 19.10 ft. bmp

Depth to Water*: 4.5 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 9:35

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.80	11.47	12.38	14.60	-145.60	0.53	4.63	500	1.008
10	5.00	11.49	12.40	14.70	-139.80	0.40	4.64	500	
15	5.00	11.63	12.41	14.60	-134.60	0.40	2.78	500	
20	5.00	11.63	12.41	14.70	-131.30	0.38	2.19	500	
25	5.00	11.64	12.43	14.70	-126.10	0.38	1.98	500	
30	5.00	11.62	12.42	14.70	-125.40	0.36	2.66	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0382-01 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/4/17
Project #: 1163.63443 | Pump/Controller ID#: FAO 2488 | Weather: 40's Sunny

Well Information:
Installed Depth of Well*: 74 ft. bmp
Measured Depth of Well*: 73.65 ft. bmp
Depth to Water*: 7.24 ft.
Length of Water Column: 66.41 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 10.824 gal.
Pump Intake Depth*: 68.7 ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 931

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.24	12.5	5.99	86.02	-3.2	0.08	54.2	500	1.048
10	7.24	12.37	6.08	86.98	-12.7	0.05	17.8	500	
15	7.24	12.51	6.12	86.85	-14.8	0.03	11.2	500	
20	7.24	12.58	6.13	86.45	-15.0	0.03	11.58	500	
25	7.24	12.60	6.14	86.48	-13.9	0.02	8.74	500	
30	7.24	12.57	6.15	87.33	-12.6	0.02	9.79	500	
35	7.24	12.61	6.15	87.30	-10.9	0.01	8.53	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.048

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0882-02 **Sample Time:** 1035

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1174
Turbidity Meter:	LaMotte	2020we	FAO2402
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-4-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy, 55°

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 17.84 ft. bmp
Depth to Water*: 8.25 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:15

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.10	10.54	7.32	4.20	-101.00	1.43	13.6	440	1.002
10	9.30	10.51	7.16	4.40	-99.20	0.48	9.58	440	
15	9.35	10.48	7.13	4.40	-99.30	0.23	8.66	440	
20	9.47	10.44	7.12	4.40	-100.00	0.13	7.63	440	
25	9.53	10.43	7.13	4.30	-99.60	0.09	7.26	440	
30	9.58	10.36	7.15	4.20	-99.40	0.07	6.39	440	
35	9.59	10.38	7.17	4.10	-99.30	0.05	5.78	440	
40	9.60	10.35	7.18	4.00	-99.10	0.05	5.24	440	
45	9.60	10.7	7.19	4.00	-98.00	0.05	5.20	440	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0382-03 **Sample Time:** 12:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-FMW-025

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/4/17
Project #: 1163.63443 | Pump/Controller ID#: FA02488 | Weather: 50 Cloudy

Well Information:
Installed Depth of Well*: 16 ft. bmp
Measured Depth of Well*: 20.25 ft. bmp
Depth to Water*: 4.1 ft.
Length of Water Column: 16.15 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.632 gal.
Pump Intake Depth*: 15.3 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.10	12.06	6.63	20.08	2.8	0.05	9.75	450	
10	8.24	11.46	6.59	20.78	2.7	0.02	8.76	450	
15	9.05	11.25	6.56	23.89	-2.7	0.03	19.5	450	
20	9.55	11.32	6.52	23.52	-9.4	0.03	24.0	450	
25	9.85	11.28	6.51	23.72	-8.0	0.06	23.3	450	
30	10.8	11.04	6.49	25.86	-8.0	0.10	25.5	450	
35	10.82	10.95	6.44	29.17	-8.00	0.13	27.8	450	
40	10.8	11.0	6.43	30.49	-7.7	0.11	26.4	450	
45	10.8	11.9	6.41	31.59	-7.1	0.09	25.8	450	
50	10.8	11.9	6.41	32.36	-7.1	0.07	30.2	450	
55	10.8	11.5	6.39	33.32	-7.3	0.05	29.8	450	
60	10.8	11.0	6.39	33.97	-7.3	0.04	32.8	450	
65	10.8	11.9	6.39	34.47	-7.8	0.05	33.1	450	
70	10.9	11.0	6.39	34.89	-7.6	0.06	32.5	450	
~~75~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1250 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.020
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0382-04 **Sample Time:** 1325

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/5/17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: 50's Rain

Well Information:
Installed Depth of Well*: 18 ft. bmp
Measured Depth of Well*: 20.05 ft. bmp
Depth to Water*: 3.9 ft.
Length of Water Column: 16.15 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2632 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 927
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.3	8.55	6.41	5.4	-85.0	0.10	8.85	500	1.004
10	4.5	8.2	6.49	5.6	-90.0	0.05	3.28	500	
15	4.5	8.12	6.53	5.7	-91.1	0.03	2.2	500	
20	4.5	8.12	6.56	5.8	-92.4	0.03	1.74	500	
25	4.5	8.12	6.57	5.8	-92	0.02	1.58	500	
30	4.5	8.09	6.58	5.7	-91.1	0.01	1.60	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:58 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0383-01,02,03 (MS/MSD) **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01402
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: IMW-015 SB915 ~~MW-40~~ S015

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/5/17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: rain, 50s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: ~~20.10~~ 20.05 ft. bmp
Depth to Water*: 6.94 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:50
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.95	10.06	6.41	28.51	14.80	0.11	14.40	~~380~~ 380	1.014
10	8.52	9.94	6.52	21.60	9.40	0.09	11.78	380	
15	8.80	9.91	6.61	17.92	-27.20	0.09	7.24	380	
20	9.20	9.96	6.61	18.18	-45.00	0.13	5.77	320	
25	9.40	9.96	6.61	18.49	-30.20	0.14	4.03	320	
30	9.80	9.96	6.60	18.57	-29.20	0.13	3.30	320	
35	10.00	10.02	6.60	18.57	-27.90	0.12	4.47	320	
40	10.35	10.08	6.60	18.44	-23.20	0.10	2.07	320	
45	10.58	10.06	6.60	18.84	-16.30	0.10	1.41	280	
50	10.82	10.13	6.59	19.03	-12.80	0.09	1.85	280	
55	10.95	10.15	6.59	19.07	-11.90	0.09	1.38	200	
60	11.00	10.20	6.55	21.19	-8.50	0.09	1.58	200	
65	11.11	10.23	6.54	21.64	-9.80	0.09	1.21	200	
70	11.21	10.25	6.54	21.70	-9.90	0.09	1.81	200	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0387-04 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01340
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S

Site Name: SB915 | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Solvay/Geddes | Pump Type Used: Peristaltic | Date: 5-5-17
Project #: 634413 | Pump/Controller ID#: | Weather: ~45°F Rain

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 26.11 ft. bmp
Depth to Water*: 6.5 ft.
Length of Water Column: 19.61 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 10:12
Initial Observations: Color: Clear Odor: Sulfur Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.65	11.13	6.47	57.26	-109.80	0.10	13.53	240	1.028
10	8.23	10.91	6.42	55.25	-110.40	0.07	11.90	240	
15	8.62	10.88	6.45	47.58	-115.00	0.06	13.00	240	
20	9.15	10.86	6.44	44.95	-112.80	0.06	14.6	240	
25	9.65	10.82	6.40	44.37	-107.80	0.06	18.0	240	
30	10.02	10.85	6.37	44.48	-104.00	0.05	16.80	240	
35	10.32	10.83	6.33	45.38	-102.20	0.05	16.60	240	
40	10.71	10.87	6.30	46.07	-102.00	0.05	15.60	240	
45	11.00	10.88	6.27	46.73	-102.15	0.05	15.90	240	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1100 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.024
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0383-05, 06(FD) **Sample Time:** 1200
Total Ferrous Iron: ✓

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA014163
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111F

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Ben | Date: 5/5/17
Project #: 1163.63443 | Pump/Controller ID#: FA01737 | Weather: 50's Rain

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.7 ft. bmp
Depth to Water*: 7.9 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1207
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.9	10.91	6.16	82.5	~~0.07~~ -8.9	0.07	22.9	500	1.046
10	7.9	10.72	6.21	83.0	-5.7	6.04	13.6	500	
15	7.9	10.72	6.22	83.1	-5.7	0.04	8.03	500	
20	7.9	10.72	6.22	83.1	-5.8	0.03	5.31	500	
25	7.9	10.74	6.23	83.0	-5.9	0.03	~~5.98~~	500	
30	7.9	10.72	6.23	82.90	-5.9	0.02	~~2.67~~	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.044
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0383-07 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA0902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.5.17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~45°F Rain

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 99.15 ft. bmp
Depth to Water*: 7.82 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1237
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.90	10.71	5.92	123.77	-10.60	0.05	13.20	500	1.070
10	7.90	10.73	5.98	124.54	-14.70	0.03	12.73	500	
15	7.90	10.73	6.01	123.82	-15.10	0.02	8.15	500	
20	7.90	10.73	6.03	123.85	-16.60	0.02	7.36	500	
25	7.90	10.73	6.05	123.95	-17.60	0.02	6.00	500	
30	7.90	10.76	6.06	123.91	-19.30	0.02	6.34	500	1.074
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:10 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.074
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0383-08 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01436
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1115

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MEP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-5-17
Project #: 1163.63443 | Pump/Controller ID#: FAO 2448 | Weather: Rain, 50s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 24.35 ft. bmp
Depth to Water*: 7.33 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12
Initial Observations: *Color:* Clear *Odor:* organic *Sheen/Free Product:* NO

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.35	9.96	6.25	61.88	-58.80	0.08	29.0	500	1.034
10	8.35	10.01	6.36	50.76	-65.10	0.06	26.2	500	
15	8.35	10.06	6.46	41.62	-71.40	0.06	15.9	500	
20	8.35	10.06	6.50	38.65	-74.00	0.06	16.2	500	
25	8.35	10.05	6.54	35.84	-76.40	0.06	12.9	500	
30	8.27	10.06	6.55	34.45	-76.50	0.06	11.8	500	
35	8.21	10.06	6.56	34.02	-76.80	0.05	10.87	500	
40	8.19	10.06	6.60	31.08	-78.00	0.05	8.09	500	
45	8.14	10.06	6.60	31.35	-77.80	0.05	8.57	500	
50	8.11	10.08	6.62	29.75	-78.30	0.05	8.69	500	
55	8.12	10.08	6.64	27.84	-79.30	0.05	6.67	500	
60	8.13	10.11	6.64	27.99	-78.80	0.05	6.84	500	
65	8.11	10.17	6.66	27.55	-78.60	0.0	6.34	500	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1315~~ 1315 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.014

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0383-09 **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1108
Turbidity Meter:	LaMotte	2020we	FAO 1390
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-094

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-8-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 14.40 ft. bmp
Depth to Water*: 7.53 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:33
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.38	9.19	7.41	1.94	17.80	1.42	4.04	500	1.002
10	11.67	8.73	7.03	5.12	-75.90	0.72	3.88	140	
*15	11.72	9.17	7.31	6.70	-172.40	2.44	3.18	220	
20	11.96	8.94	9.00	7.28	-181.90	4.47	2.52	180	
25	11.96	8.95	9.78	8.18	-205.90	0.72	1.90	160	
30	11.97	8.80	10.02	8.21	-205.90	0.15	2.03	110	
35	11.94	8.75	10.15	8.16	-203.10	0.11	2.58	110	
40	11.94	8.64	10.19	8.22	-203.40	0.10	1.66	110	
45	11.93	8.71	10.25	8.18	-200.50	0.08	1.44	110	1.004
50	11.92	8.76	10.31	8.17	-199.10	0.08	1.38	110	
55	11.93	8.68	10.34	8.18	-196.90	0.08	1.86	110	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:30 Total volume of groundwater purged: 2.5 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0384-01 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: * Changed pump drive.

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/8/17
Project #: 1163.63443 | Pump/Controller ID#: FA01737 | Weather: 40 mostly cloudy

Well Information:
Installed Depth of Well*: 130 ft. bmp
Measured Depth of Well*: 130.6 ft. bmp
Depth to Water*: 8.02 ft.
Length of Water Column: 122.58 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 19.98 gal.
Pump Intake Depth*: 125.6 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 9:51
Initial Observations: Color: Clear Odor: NONE Sheen/Free Product: NONE

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.15	11.41	6.02	185.59	50.2	0.20	44.6	500	1.076 *
10	8.15	11.16	6.20	182.19	34.6	0.12	30.5	500	
15	8.15	11.22	6.3	181.10	17.6	0.08	33.0	500	1.110
20	8.15	11.18	6.36	181.91	12.4	0.07	23.3	500	
25	8.15	11.14	6.4	181.19	10.9	0.06	27.4	500	
30	8.15	11.12	6.42	181.26	9.10	0.06	23.6	500	
35	8.15	11.08	6.44	182.58	8.20	0.05	17.80	500	
40	8.15	11.19	6.54	182.09	8.00	0.05	20.80	500	
45	8.15	11.32	6.46	181.88	8.00	0.05	17.84	500	
50	8.15	11.57	6.46	181.95	7.70	0.05	7.93	500	
55	8.15	11.37	6.47	181.55	7.90	0.04	6.21	500	
60	8.15	11.51	6.47	182.16	7.80	0.04	5.80	500	
65	8.15	11.75	6.47	181.66	7.70	0.04	5.50	500	
70	8.15	11.68	6.48	181.49	8.10	0.04	5.52	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:05 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.110
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0384-02 **Sample Time:** 1155

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: * Value Correct Double Checked

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: peri | Date: 5-8-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 74.20 ft. bmp
Depth to Water*: 5.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:40
Initial Observations: *Color:* slight cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.02	10.87	8.06	74.98	-43.30	0.09	29.0	480	1.044
10	5.02	11.06	7.86	75.45	-42.80	0.08	13.5	480	
15	5.02	11.14	7.70	75.26	-39.90	0.06	9.85	480	
20	5.02	11.14	7.57	75.76	-37.80	0.06	6.94	480	
25	5.02	10.97	7.44	76.68	-35.60	0.06	6.19	480	
30	5.02	10.98	7.33	75.64	-33.90	0.05	5.32	480	
35	5.02	11.01	7.22	75.74	-32.10	0.05	5.63	480	1.044
40	5.02	10.92	7.12	75.84	-30.50	0.05	5.01	480	
45	5.02	10.92	7.04	75.92	-29.20	0.06	5.48	480	
50	5.02	11.03	6.96	75.71	-27.60	0.05	5.23	480	
55	5.02	10.97	6.89	75.68	-26.20	0.05	3.58	480	
60	5.02	10.92	6.82	75.61	-24.90	0.05	4.62	480	
65	5.02	11.06	6.76	75.54	-23.50	0.04	4.46	480	
70	5.02	11.20	6.72	75.26	-21.80	0.04	4.80	480	
75	5.02	11.28	6.67	75.09	-20.30	0.05	3.66	480	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:55 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.044
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0384-03 **Sample Time:** 13:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1325
Turbidity Meter:	LaMotte	2020we	FA0 1340
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/8/17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: 40's cloudy

Well Information:
Installed Depth of Well*: ' ft. bmp
Measured Depth of Well*: 54.75 ft. bmp
Depth to Water*: 4.3 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1211
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.85	11.57	6.42	56.6	-33.9	0.16	20.5	220	1.034
10	7.75	11.22	6.29	57.18	-31.6	0.08	11.7	220	
15	9.15	11.21	6.25	57.21	-30.7	0.07	8.92	220	
20	9.74	11.55	6.24	56.85	-30.7	0.06	6.57	220	
25	10.55	11.14	6.24	57.22	-30.1	0.05	5.8	220	
30	11.9	11.27	6.23	56.94	-29.7	0.04	8.15	220	
35	12.5	11.42	6.23	56.88	-28.9	0.04	7.56	220	
40	13	11.83	6.23	56.82	-28.8	0.04	8.5	220	
45	13.9	11.69	6.23	56.81	-27.3	0.03	7.9	220	
50	14.1	11.46	6.23	56.86	-25.6	0.04	7.5	220	
55	14.1	11.68	6.22	57.00	-24.3	0.03	6.9	220	
60	14.1	11.69	6.22	56.64	-23.0	0.04	6.75	220	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:13 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0384-04 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02402
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1088

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: CAH + MCP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 27.15 ft. bmp
Depth to Water*: 17.32 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 8:21
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.23	8.36	7.92	0.93	-49.00	0.10	9.06	280	1.004
10	18.61	7.99	7.78	0.91	-58.60	0.06	9.83	280	
15	18.84	7.89	7.69	0.93	-62.60	0.11	9.75	280	
20	18.95	7.80	7.60	0.95	-63.60	0.15	7.71	280	
25	19.12	7.88	7.55	0.97	-59.50	0.21	5.29	280	
30	19.20	7.93	7.51	0.98	-54.60	0.36	4.03	280	
35	19.24	7.90	7.45	0.99	-48.50	0.51	4.10	280	
40	19.25	7.94	7.42	0.99	-43.60	0.65	4.28	280	
45	19.24	7.94	7.39	1.00	-39.10	0.82	3.74	280	
50	19.22	7.94	7.38	0.99	-34.30	1.00	3.73	280	
55	19.24	7.93	7.36	1.01	-30.40	0.95	3.69	280	
60	19.24	7.96	7.33	1.00	-27.30	0.86	4.06	280	
65	19.24	7.99	7.32	1.00	-24.10	0.94	3.99	280	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:30 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0385-01 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-68D

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy, 45°

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 64.91 ft. bmp
Depth to Water*: 27.41 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:20
Initial Observations: *Color:* Clear *Odor:* Sulfur *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.46	9.88	7.62	0.87	-104.50	0.11	13.8	320	1.000
10	27.45	9.92	7.60	0.88	-106.70	0.09	8.74	320	
15	27.45	10.12	7.62	0.90	-107.20	0.08	7.56	320	
20	27.45	10.16	7.60	0.94	-106.70	0.07	9.47	320	
25	27.45	10.12	7.60	0.94	-105.10	0.06	8.12	320	
30	27.45	10.17	7.58	0.99	-104.10	0.06	5.38	320	
35	27.45	10.15	7.60	1.01	-103.50	0.06	5.53	320	
40	27.45	10.17	7.58	1.02	-101.50	0.06	4.73	320	
45	24.45	10.19	7.58	1.03	-101.50	0.06	4.56	320	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:07 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0385-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-9-17

Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy 45°

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 96.5 ft. bmp

Depth to Water*: 19.67 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1155

Initial Observations: *Color:* Cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.46	10.74	7.41	2.95	-64.00	0.15	103.30	320	1.002
10	21.50	10.69	7.40	2.92	-64.40	0.12	74.80	320	
15	21.70	10.67	7.40	2.93	-59.20	0.10	63.30	320	
20	21.75	10.82	7.40	2.92	-58.80	0.09	39.5	320	
25	21.82	10.60	7.39	2.92	-58.40	0.09	27.3	320	
30	21.88	10.64	7.38	2.93	-59.30	0.08	29.6	320	
35	21.96	10.55	7.39	2.93	-58.00	0.08	31.2	320	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0385-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Sun, 45°F

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 15.48 ft. bmp
Depth to Water*: 2.78 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 8:30
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: slight sheen NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.03	9.61	10.00	27.21	-105.90	0.06	4.06	500	1.008
10	3.03	9.61	10.41	32.15	-107.40	0.03	8.09	500	
15	3.03	9.69	10.72	33.48	-110.50	0.02	8.32	500	
20	3.03	9.70	10.93	34.21	-113.90	0.02	5.37	500	
25	3.03	9.76	11.10	34.69	-117.70	0.01	4.37	500	
30	3.03	9.79	11.23	34.95	-120.90	0.06	3.29	500	
35	3.03	9.85	11.33	35.10	-123.30	0.01	2.54	500	
40	3.03	9.89	11.42	35.53	-126.50	0.06	2.19	500	1.014
45	3.03	10.03	11.51	34.94	-128.30	0.02	2.01	500	
50	3.03	9.70	11.59	35.11	-129.10	0.02	1.91	500	
55	3.03	9.89	11.66	34.83	-131.10	0.01	1.87	500	
60	3.03	9.70	11.73	35.04	-131.60	0.02	1.71	500	
65	3.03	9.70	11.78	34.85	-132.30	0.01	1.68	500	
70	3.03	9.88	11.83	34.79	-137.90	0.01	1.52	500	
75	3.03	9.89	11.87	34.75	-135.40	0.01	1.47	500	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:45 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.014
Final Observations: Color: Clear Odor: NO Sheen/Free Product: slight sheen NO

Sample ID: SB915-0386-01 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-99S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peri. | Date: 5-10-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Cloudy, 50"

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.80 ft. bmp
Depth to Water*: 11.40 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:45
Initial Observations: *Color:* Clear/slight grey *Odor:* No *Sheen/Free Product:* No

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.40	11.46	6.79	23.41	-82.20	0.06	75.1	500	1.014
10	11.40	11.44	6.85	23.45	-76.60	0.06	24.1	500	
15	11.40	11.55	6.87	23.41	-72.10	0.06	13.7	500	
20	11.40	11.46	6.88	23.49	-70.00	0.05	4.8	500	
25	11.40	11.36	6.89	23.54	-68.80	0.05	4.0	500	
30	11.40	11.37	6.89	23.57	-66.80	0.05	3.8	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:15 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0386-02 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-605

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MCP
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-17
Project #: 1163.63443 | Pump/Controller ID#: FAO 2498 | Weather: Cloudy, 50°

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 21.82 ft. bmp
Depth to Water*: 10.80 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:55

Initial Observations: *Color:* Clear *Odor:* Sulfur *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.90	10.24	6.55	14.29	-59.00	0.10	18.10	500	1.008
10	10.90	10.26	6.54	13.16	-60.10	0.08	11.58	500	
15	10.90	10.27	6.55	12.61	-59.80	0.07	9.36	500	
20	10.90	10.11	6.57	12.39	-57.30	0.06	6.73	500	
25	10.90	10.11	6.58	12.12	-58.10	0.06	6.39	500	
30	10.90	10.11	6.58	12.01	-58.20	0.06	6.46	500	
35	10.90	10.12	6.58	11.85	-59.10	0.0	6.20	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0356-03 **Sample Time:** 1300

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1108
Turbidity Meter:	LaMotte	2020we	FAO 1465
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Sun, 45°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 54.32 ft. bmp
Depth to Water*: 15.01 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:30
Initial Observations: Color: clear slight grey Odor: sulfur/waste Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.09	11.96	10.03	42.90	-150.60	0.10	15.2	460	1.020
10	19.84	11.94	9.89	42.68	-162.00	0.07	26.6	460	
15	20.39	11.97	9.74	41.10	-159.10	0.07	24.7	420	
20	20.77	11.95	9.70	38.26	-148.50	0.06	19.6	400	
25	21.07	11.97	9.62	35.68	-140.10	0.05	13.1	400	
30	21.33	12.03	9.55	33.39	-133.60	0.05	10.00	400	
35	21.43	11.98	9.48	32.13	-129.70	0.05	8.98	400	1.014
40	21.51	12.00	9.41	30.98	-126.40	0.05	6.01	400	
45	21.65	11.92	9.35	29.76	-123.80	0.04	5.49	400	
50	21.74	12.05	9.28	29.03	-122.70	0.04	3.94	400	
55	21.76	12.23	9.21	28.17	-120.70	0.04	4.55	400	
60	21.76	12.33	9.16	27.13	-119.40	0.04	3.37	400	
65	21.81	12.17	9.09	27.15	-118.50	0.04	2.95	400	1.012
70	21.83	12.23	9.04	26.57	-118.30	0.04	2.35	400	
75	21.78	12.35	8.98	25.93	-117.00	0.04	2.12	400	
80	21.70	12.63	8.92	25.71	-116.60	0.04	2.45	400	
85	22.00	12.49	8.87	25.35	-116.30	0.03	2.12	480	
90	22.52	12.30	8.81	25.46	-116.90	0.03	2.34	480	
95	22.85	12.14	8.77	24.38	-115.50	0.04	1.90	480	1.010
100	22.93	12.21	8.72	24.35	-114.10	0.05	2.04	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:25 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* NO some sulfur *Sheen/Free Product:* NO

Sample ID: SB915-0386-04 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: CAH | Date: 5-10-17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	22.97	12.15	8.68	23.27	-113.10	0.06	2.01	480	
110	22.85	12.13	8.62	23.22	-112.70	0.06	1.87	480	
115	22.90	12.17	8.58	22.89	-112.60	0.06	2.14	480	1.010

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-10-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Cloudy, 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 26.03 ft. bmp
Depth to Water*: 16.84 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 13:17
Initial Observations: Color: Clear-cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.89	12.06	8.10	26.25	-59.90	0.73	19.1	500	1.008
10	16.90	11.65	8.09	28.07	-77.30	0.33	49.8	500	
15	16.90	11.61	8.05	29.56	-77.90	0.31	37.5	500	
20	16.90	11.61	8.03	27.56	-77.30	0.48	15.8	500	
25	16.90	11.61	7.99	27.59	-76.20	0.45	10.62	500	
30	16.90	11.77	7.95	27.41	-76.30	0.44	8.77	500	
35	16.90	11.85	7.91	27.48	-74.10	0.42	6.64	500	
40	16.90	11.75	7.88	27.70	-73.40	0.39	4.78	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0386-05 **Sample Time:** 14:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA0B902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 40s

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 20.20 ft. bmp
Depth to Water*: 11.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:04
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.91	9.47	9.04	8.36	-192.00	0.50	2.51	360	1.004
10	13.73	9.35	9.31	8.34	-189.20	0.46	2.06	280	
15	14.10	9.56	9.43	8.43	-182.80	0.68	2.20	190	
20	14.38	9.85	9.52	8.40	-182.80	0.75	2.36	190	
25	14.59	9.98	9.60	8.31	-184.10	0.85	2.33	190	
30	14.72	10.19	9.66	8.34	-182.90	0.94	1.97	190	1.002
35	14.79	10.17	9.73	8.31	-182.30	1.09	1.94	190	
40	14.83	10.03	9.80	8.35	-179.40	1.30	2.28	180	
45	14.90	9.99	9.86	8.35	-177.60	1.50	2.42	180	
50	14.96	9.98	9.91	8.41	-174.50	1.56	2.51	180	
55	14.98	10.08	9.95	8.38	-172.60	1.52	2.37	170	
60	15.00	10.20	10.00	8.36	-172.30	1.56	2.47	170	
65	15.02	10.37	10.03	8.34	-169.10	1.53	2.61	170	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:09 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0387-01,02,03(MS/MSD) **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.11.17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~50°F Sun

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 29.35 ft. bmp

Depth to Water*: 8.87 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time: 09:57

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.67	11.64	12.29	19.23	-252.70	0.06	13.4	500	1.010
10	14.15	11.77	12.31	18.71	-222.30	0.13	27.8	500	
15	14.78	11.75	11.56	22.84	-166.00	0.03	119	500	
20	15.25	11.84	11.56	22.88	-151.70	0.02	126	500	
25	15.55	11.83	11.45	23.56	-130.40	0.02	121	500	
30	15.75	11.96	11.42	23.78	-118.10	0.01	132	500	
35	15.96	12.06	11.34	24.35	-102.60	0.01	121	500	
40	15.95	12.12	11.28	24.65	-91.00	0.01	107.2	500	
45	16.06	12.08	11.25	24.95	-77.30	0.01	92.6	500	
50	16.00	12.10	11.22	25.07	-67.90	0.01	84.2	500	
55	15.98	12.19	11.22	25.06	-58.80	0.01	75.3	500	
60	15.98	12.16	11.21	25.12	-49.30	0.01	64.3	500	
65	15.98	12.27	11.21	25.10	-40.30	0.01	50.7	500	
70	15.98	12.27	11.20	25.06	-21.70	0.01	47.5	500	
75	15.98	12.31	11.20	25.12	-141.90	0.01	42.1	500	
80	15.98	12.27	11.19	25.21	-4.60	0.01	40.1	500	
85	15.98	12.24	11.18	25.29	~~-13.80~~ 13.80	0.01	36.3	500	
90	15.95	12.31	11.18	25.29	30.70	0.01	31.8	500	
95	15.95	12.38	11.19	25.11	38.60	0.01	30.7	500	
100	15.95	12.34	11.19	25.15	~~45.70~~ 45.70	0.01	30.1	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210 Total volume of groundwater purged: 18 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0387-04.05(FD) **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: white precipitate in water

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: JWB | Date: 5.11.17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
100	15.95	12.36	11.19	25.10	51.60	0.01	29.8	500	
105	15.95	12.38	11.20	25.16	67.50	0.01	29.1	500	
110	15.95	12.34	11.18	25.28	75.70	0.01	28.9	500	
115	15.95	12.33	11.18	25.32	89.9	0.01	28.9	500	
120	15.95	12.24	11.18	25.32	100.4	0.01	29.90	500	
125	15.95	12.21	11.19	25.21	101.6	0.01	25.90	500	
130	15.95	12.15	11.20	25.22	103.7	0.01	26.3	500	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1121

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 58.70 ft. bmp
Depth to Water*: 15.28 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:51

Initial Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.32	12.80	7.61	74.86	-66.20	0.03	26.5	500	1.042
10	15.32	12.23	7.49	76.77	-56.40	0.02	18.1	500	
15	15.32	12.12	7.41	76.12	-50.60	0.01	8.62	500	
20	15.32	11.89	7.34	75.89	-47.00	0.01	5.79	500	
25	15.32	11.78	7.28	75.17	-44.80	0.01	4.26	500	
30	15.32	11.70	7.23	75.68	-42.30	0.01	3.56	500	
35	15.32	11.76	7.19	74.35	-39.90	0.01	2.79	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:27 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0387-06 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-11-17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: Sun, 60°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 61.80 ft. bmp
Depth to Water*: 17.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:59
Initial Observations: Color: cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.61	12.65	7.04	95.55	-66.40	0.06	67.7	500	1.052
10	17.61	12.44	7.04	95.63	-69.20	0.05	28.6	500	
15	17.61	12.41	7.03	95.16	-71.60	0.04	14.4	500	
20	17.61	12.40	7.02	96.02	-73.10	0.03	9.16	500	
25	17.61	12.44	7.01	93.68	-73.80	0.03	8.02	500	
30	17.61	12.42	7.00	94.89	-73.20	0.03	5.80	500	
35	17.61	12.40	6.99	95.34	-73.60	0.03	4.59	500	1.050
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:35 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.050
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0387-07 **Sample Time:** 13:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5/18/17

Project #: 1163.63443 | Pump/Controller ID#: FA00615 | Weather: 50 Partly cloudy

Well Information:

Installed Depth of Well*: 62 ft. bmp

Measured Depth of Well*: 64.75 ft. bmp

Depth to Water*: 18.45 ft.

Length of Water Column: 46.3 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 7.55 gal.

Pump Intake Depth*: 59.8 ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 10:01

Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.5	12.65	6.59	29.98	39.2	0.17	16.9	500	1.018
10	18.5	12.15	6.59	30.19	-50.50	0.04	13.1	500	
15	18.5	12.19	6.59	31.04	-50.7	0.02	13.2	500	
20	18.5	12.31	6.59	30.8	-48.8	0.01	11.3	500	
25	18.5	12.43	6.58	30.56	-46.5	0.01	11.65	500	
30	18.5	12.43	6.59	30.11	-45.4	0.00	10.86	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1034 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.016

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0388-01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05Z

Site Name: SB915 Closure / SCA | Sampling Method: Low-flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-12-17
Project #: 1163.63443 | Pump/Controller ID#: ~~/~~ | Weather: ~55°F Sun/cloud

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 122.34 ft. bmp
Depth to Water*: 19.25 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1000
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.38	11.99	6.22	129.09	-67.70	0.04	2.36	500	1.074
10	19.38	12.08	6.13	129.15	-17.30	0.04	3.07	500	
15	19.38	12.06	6.11	128.88	-71.80	0.03	3.30	500	
20	19.38	12.15	6.10	128.19	-71.40	0.03	2.99	500	
25	19.38	12.22	6.09	128.85	-70.40	0.03	5.04	500	
30	19.38	12.33	6.08	128.38	-57.90	0.03	4.14	500	
35	19.38	12.43	6.07	127.80	-51.90	0.02	4.02	500	
40	19.38	12.60	6.07	127.73	-47.40	0.03	2.60	500	
45	19.38	13.08	6.10	126.54	-37.40	0.03	4.32	500	
50	19.38	12.43	6.07	128.09	-42.30	0.03	5.63	500	
55	19.38	12.83	6.07	128.20	-44.20	0.03	1.57	500	1.076
Lab									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1105 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.076
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Sample ID: SB915-0388-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01398
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JwB

Site Location: Camillus, NY | Pump Type Used: | Date: 5-12-17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 55°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 14.60 ft. bmp

Depth to Water*: 14.20 ft.

Length of Water Column: 0.40 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
X	Not	enough	water	to sample					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-15-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 50's

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 46.95 ft. bmp
Depth to Water*: 35.69 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:25
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	37.27	10.37	12.41	6.96	-1.60	0.94	1.30	360	1.005
10	38.61	10.18	12.44	6.93	15.70	0.93	1.24	360	
15	39.71	10.16	12.44	6.89	27.10	01.02	1.57	360	
20	40.17	10.15	12.45	6.89	34.00	1.08	1.30	240	
25	40.19	10.14	12.45	6.93	37.90	1.07	1.13	240	
30	40.19	10.14	12.45	6.96	42.00	1.17	1.18	240	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:55 Total volume of groundwater purged: 2. gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0389-01 **Sample Time:** 11:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-15-17
Project #: 1163.63443 | Pump/Controller ID#: / | Weather: ~50°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 79.70 ft. bmp
Depth to Water*: 12.15 ft.
Length of Water Column: 67.55 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1018

Initial Observations: Color: Light Brown Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.15	11.01	7.22	106.89	-93.10	0.08	38.50	~~300~~ 500	1.064
10	12.15	11.01	7.21	106.39	-102.50	0.05	17.90	500	
15	12.15	11.04	7.21	105.63	-104.10	0.04	17.90	500	
20	12.15	11.03	7.21	105.82	-104.10	0.03	13.20	500	
25	12.15	11.05	7.20	106.17	-103.30	0.03	13.3	500	
30	12.15	11.06	7.20	105.85	-103.10	0.03	12.80	500	
35	12.15	11.06	7.20	106.38	-101.80	0.03	12.00	500	
40	12.15	11.06	7.20	106.30	-101.00	0.03	13.20	500	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1100 Total volume of groundwater purged: ~~about~~ 7 gallon(s). *Specific Gravity:* 1.060

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0389-02 **Sample Time:** 1130

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: ~~Low Flow~~ Bladder | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/15/17

Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: 50 Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 70.08 ft. bmp

Depth to Water*: 43.55 ft.

Length of Water Column: 27.35 ft.

Well Volume Multipliers:

☒ 2 in. = 0.163 gal/ft

Well Volume: 4.46 gal.

Pump Intake Depth*: 265.9 ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1016

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	44.92	11.24	12.22	96.6	-120.5	0.89	16.5	100	1.050
10	45.81	11.29	12.26	96.3	-124.7	0.64	10.22	100	
15	46.28	11.27	12.29	94.6	-117.9	0.72	9.56	100	
20	46.6	11.28	12.30	94.8	-111.8	0.89	8.59	100	
25	47.58	11.28	12.31	94.8	-106.6	1.05	9.32	100	
30	48.00	11.27	12.32	94.7	-103.6	1.23	9.01	100	
35	48.35	11.24	12.33	94.2	-103.4	1.41	11.01	100	
40	48.76	11.31	12.34	94.1	-103.8	1.56	10.69	100	
45	49.2	11.27	12.34	93.8	-105.1	1.71	12.91	100	
50	49.6	11.19	12.34	93.5	-107.1	1.83	12.22	100	
55	49.95	11.18	12.35	93.7	-108.1	1.96	11.52	100	
60	50.26	11.19	12.35	93.5	-114.5	2.06	11.14	100	
65	50.7	11.23	12.36	93.1	-115.4	2.13	10.74	100	
70	50.85	11.23	12.36	93.0	-118.1	2.21	9.49	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1047 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.054

Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0389-03 **Sample Time:** 1240

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5-15-17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~55° F Cloudy

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 82.05 ft. bmp

Depth to Water*: 14.69 ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☒ Protective Casing

☐ Other:

Start Purge Time: 1158

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.85	11.20	6.99	115.45	-25.90	0.30	19.60	500	1.068
10	14.85	11.05	6.95	114.65	-25.00	0.07	16.80	500	
15	14.85	10.97	6.92	115.39	-25.40	0.05	15.20	500	
20	14.85	10.96	6.90	115.00	-26.00	0.04	12.50	500	
25	14.85	10.96	6.88	115.69	-26.20	0.04	12.30	500	
30	14.85	10.95	6.87	114.21	-26.60	0.03	10.29	500	
35	14.85	10.97	6.86	115.88	-26.80	0.03	9.31	500	
40	14.85	11.07	6.85	115.75	-27.00	0.03	8.30	500	
45	14.85	11.10	6.84	114.75	-27.20	0.03	7.59	500	
50	14.85	11.06	6.83	115.55	-27.70	0.03	9.06	500	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:51 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.068

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0389-04 **Sample Time:** 1330

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-040S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-15-17
Project #: 1163.63443 | Pump/Controller ID#: MP50-1688 | Weather: Cloudy, 50's

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 45.05 ft. bmp
Depth to Water*: 38.02 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 12:21
Initial Observations: Color: white/grey Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	39.28	10.76	12.41	11.27	61.10	2.82	140	240	1.004
10	40.41	10.66	12.42	11.34	62.70	2.83	157	240	
15	40.73	10.80	12.42	11.42	63.80	2.84	121	150	
20	40.95	10.89	12.42	11.48	64.90	2.81	89.3	150	
25	41.16	10.90	12.43	11.52	66.90	2.75	72.4	140	
30	41.31	10.99	12.42	11.56	69.10	2.71	59.4	140	
35	41.49	11.18	12.42	11.65	73.90	2.72	43.5	140	1.004
40	41.64	10.99	12.43	11.77	81.40	2.71	29.9	140	
45	41.70	11.08	12.44	11.90	85.10	2.67	21.5	140	
50	41.73	11.26	12.43	11.96	87.10	2.61	17.5	140	
55	41.80	11.27	12.44	12.05	90.00	2.58	12.6	~~140~~ 130	
60	41.83	11.55	12.43	12.11	97.30	2.55	10.15	130	
65	41.87	11.37	12.44	12.18	113.70	2.52	7.66	130	1.004
70	41.92	11.21	12.45	12.24	125.80	2.51	6.15	130	
75	41.97	11.13	12.45	12.29	124.90	2.51	4.78	130	
80	42.02	11.01	12.46	12.35	118.70	2.53	4.02	130	1.004
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 13:41 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0389-05 **Sample Time:** 14:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: Purge / Sample | Field Personnel: TBP CAH

Site Location: Camillus, NY | Pump Type Used: Bailer | Date: 5/15/17 5-16-17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's Cloudy

Well Information:

Installed Depth of Well*: ft. bmp

Measured Depth of Well*: 41.75 ft. bmp

Depth to Water*: 33.76 ft.

Length of Water Column: 7.99 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.30 gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Initial		15.29	12.01	47.06	-20.7	5.91	7.69		1.024
5/16/17	33.99	13.14	11.76	43.63	1.9	5.76	6.90	—	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: ~1.3-1.5 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0390-01 **Sample Time:** 9:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-16-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 60's

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 133.40 ft. bmp
Depth to Water*: 67.57 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:09

Initial Observations: Color: light tan Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.57	14.18	7.82	88.42	-63.40	1.08	49.7	200	1.044
10	67.57	12.98	7.42	96.89	-48.70	0.93	46.1	200	
15	67.57	12.71	7.16	98.32	-30.10	1.34	50.8	200	
20	67.57	12.61	6.97	99.35	-16.40	1.89	42.9	200	
25	67.57	12.34	6.83	99.60	-6.50	2.39	33.1	200	
30	67.57	12.39	6.72	99.51	0.80	3.01	30.7	200	
35	67.57	12.52	6.64	100.B	4.40	3.44	30.0	200	
40	67.57	12.58	6.58	99.69	6.60	3.82	29.6	200	1.052
45	67.57	12.66	6.53	99.54	8.30	4.18	26.4	200	
50	67.57	12.78	6.49	99.46	7.70	4.36	24.3	200	
55	67.57	12.96	6.47	99.44	7.80	4.47	24.2	200	
60	67.57	13.05	6.45	99.36	7.10	4.69	24.0	200	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:10 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.052

Final Observations: Color: slight tan Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0390-02 **Sample Time:** 11:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: Using battery - faster flow not available,

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bail~~ Low-flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.16.17

Project #: 1163.63443 | Pump/Controller ID#: FA01039 | Weather: 65°F Sun

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 142.75 ft. bmp

Depth to Water*: 12.50 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: ~~1022~~ 1102

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.30	12.55	6.07	175.88	-15.70	0.10	23.2	500	1.116
10	21.40	12.31	6.16	175.21	-22.60	0.06	19.2	500	
15	25.40	12.35	6.21	177.26	-24.60	0.05	10.16	500	
20	27.80	12.25	6.24	178.19	-25.70	0.04	9.03	500	
25	29.85	12.30	6.27	176.19	-26.70	0.04	8.91	500	
30	32.10	12.35	6.29	183.93	-27.60	0.04	7.61	500	
35	34.60	12.21	6.32	179.43	-27.70	0.04	7.40	500	1.118
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1145 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.118

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0390-03 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA 62902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-16-17
Project #: 1163.63443 | Pump/Controller ID#: / FA01039 | Weather: ~70°F Sun/cloud

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 159.00 ft. bmp
Depth to Water*: 24.68 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1254
Initial Observations: *Color:* Clear *Odor:* ND *Sheen/Free Product:* ND

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.25	13.28	6.56	195.81	-53.60	0.60	14.80	500	1.122
10	31.50	12.81	6.57	197.85	-40.40	0.28	12.80	500	
15	33.80	12.72	6.56	198.69	-26.20	0.42	16.30	500	
20	35.95	12.63	6.55	199.10	-9.80	0.58	17.70	500	
25	37.00	12.49	6.54	199.04	-0.60	0.67	17.80	500	
30	38.50	12.44	6.53	199.52	5.30	0.85	16.9	500	
35	40.00	12.44	6.52	199.19	7.20	0.94	17.0	500	
40	41.20	12.53	6.52	199.87	6.50	0.97	14.0	500	
45	41.80	12.53	6.52	199.47	8.20	1.00	12.70	500	
50	42.70	12.53	6.53	198.86	3.50	1.07	11.70	500	
55	43.53	12.47	6.54	199.16	1.30	1.09	11.44	500	
60	44.00	12.48	6.55	198.92	-0.30	1.11	11.50	500	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.130
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0390-04 **Sample Time:** 1430

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-515

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-16-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sunny, Cloudy, 65°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 35.28 ft. bmp
Depth to Water*: 29.46 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 12:44
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.52	13.23	12.00	5.36	-58.40	4.17	13.8	300	1.002
10	32.13	12.95	12.07	5.43	-49.50	3.74	14.6	100	
15	at pump	12.77	12.10	5.44	-43.10	3.70	27.1	100	
20	well went dry								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: — Total volume of groundwater purged: ~~10~~ 1 gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: NA **Sample Time:** —

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-50S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 5-16-17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun+clouds, 65°F

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 36.27 ft. bmp

Depth to Water*: 33.87 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: _____

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Sample ID: _____ **Sample Time:** _____

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-16-17 / 5-17-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 70

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 34.90 ft. bmp
Depth to Water*: 24.51 ft (23.73)
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 8:57
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
—	—	16.27	12.20	8.82	-49.0	4.31	4.45	Purge	1.002
	can flow ~190 ml/min at about 31" - Cabt					5/16/17			
26.02 5	28.02	10.95	12.05	8.63	10.80	2.74	0.98	400	1.004
10	27.73	10.87	12.15	8.68	11.00	2.73	0.56	400	
15	29.11	10.90	12.22	8.86	11.50	2.94	1.10	400	
20	29.53	11.21	12.27	8.95	12.00	3.21	0.56	280	
25	29.63	11.28	12.31	8.98	13.10	3.41	1.17	240	
30	29.75	11.60	12.32	9.00	14.30	3.47	0.41	240	
35	29.69	11.88	12.34	F.98	15.10	3.49	0.51	180	
40	29.81	11.83	12.36	8.97	16.20	3.56	0.42	220	
45	29.79	12.01	12.36	8.98	16.20	3.57	0.33	190	
50	29.80	11.84	12.38	8.97	17.30	3.58	0.31	190	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:47 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0391-01, 02, 03 (MS, MSD) **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1174
Turbidity Meter:	LaMotte	2020we	FAO 2902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: ~~SB~~ Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: S Bladder | Date: 5/17/15
Project #: 1163.63443 | Pump/Controller ID#: FA02674 | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 42.15 ft. bmp
Depth to Water*: 19.9 ft.
Length of Water Column: 22.25 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.63 gal.
Pump Intake Depth*: ~37.2 ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 858
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.35	12.49	11.53	51.14	-196.5	0.18	53.6	400	1.022
10	21.8	12.3	11.59	48.51	-195.9	0.12	50.7	400	
15	22.0	12.29	11.6	49.2	-194.3	0.11	33.3	400	
20	22.05	12.28	11.6	50.98	-193.4	0.10	22.8	400	
25	22.1	12.33	11.59	52.53	-193.1	0.09	16.6	400	
30	22.1	12.22	11.59	54.17	-192.9	0.08	9.45	400	
35	22.1	12.29	11.58	55.53	-192.7	0.07	7.63	400	
40	22.1	12.24	11.24	56.62	-192.6	0.06	6.11	400	
45	22.1	12.28	11.57	57.3	-192.9	0.06	4.36	400	
50	22.1	12.28	11.57	57.84	-193.3	0.05	3.60	400	
~~55~~	~~22.1~~								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 951 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0391-04 **Sample Time:** 1030

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA0139
Other:			

Notes: 80psi R-10
4 GPM D-5

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: SA CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-17-16
Project #: 1163.63443 | Pump/Controller ID#: FA-0 | Weather: Sun, 80's

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 73.18 ft. bmp
Depth to Water*: 41.52 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:02
Initial Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	43.48	13.39	11.85	115.55	-161.30	0.27	33.6	400	1.062
★ 10	45.84	12.65	11.94	115.03	-150.6	0.21	28.1	400	
15	48.33	12.28	11.97	115.53	-137.40	0.34	15.4	400	
20	50.57	12.01	11.99	114.96	-138.70	0.33	14.3	400	
25	51.90	12.58	11.98	115.40	-145.10	0.31	12.4	280	
30	53.21	12.61	11.99	115.34	-150.40	0.28	11.44	280	
35	54.45	12.61	11.99	116.23	-155.40	0.26	10.51	280	
40	54.68	14.60	11.92	114.80	-160.70	0.27	10.10	150	
45	54.76	14.74	11.92	114.61	-167.60	0.23	11.22	150	
50	54.86	14.84	11.91	115.17	-172.30	0.20	11.29	150	
55	54.95	14.79	11.92	115.39	-177.80	0.17	9.37	150	
60	55.03	14.84	11.92	115.56	-182.90	0.14	8.03	150	
65	55.07	14.79	11.92	115.28	-187.60	0.11	6.72	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:07 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.064
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0391-05 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: * used live readings.

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-01D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA02674 / FA00504 | Weather: 80 Sunny

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 65.51 ft. bmp
Depth to Water*: 27.35 ft.
Length of Water Column: 37.74 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 6.15 gal.
Pump Intake Depth*: ~60.1 ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:50
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.1	14.24	12.01	36.38	-178	3.28	14.3	300	
10	31.51	14.11	12.03	33.89	-170.2	4.66	12.2		
15	33.05	13.93	12.02	36.31	-177.4	3.9	14.1		
20	33.76	14.07	12.01	37.85	-182.1	3.21	12.0		
25	34.45	14.18	11.99	39.1	-186.4	2.7	10.45		
30	35.05	14.05	11.99	40.21	-189.5	2.29	9.1		
35	35.55	14.2	11.98	41.28	-194.2	1.93	8.78		
40	36.1	14.13	11.97	42.68	-197.9	1.65	4.55		
45	36.7	14.18	11.96	44.11	-201.4	1.48	4.25		
50	37.0	14.38	11.95	45.84	-205.3	1.26	4.67	300	
55	37.2	14.29	11.94	47.64	-209.6	1.11	5.25		
60	37.4	14.33	11.93	49.01	-211.9	1.06	6.88		
65	37.71	14.47	11.92	51.14	-216.6	0.89	7.60		
70	37.88	14.38	11.91	52.68	-220.5	0.78	9.22		
75	38.2	13.39	11.92	54.1	-221.8	0.75	9.7		
80	38.27	14.56	11.89	55.47	-225.8	0.64	9.56	300	
85	38.5	14.5	11.86	56.39	-227.6	0.62	9.5		
90	38.6	14.52	11.86	58.1	-231.2	0.54	9.52		
95	38.8	14.84	11.87	58.46	-231.5	0.57	9.42		
100	38.8	14.88	11.86	59.76	-234.7	0.48	7.15	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1344 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.032
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* No

Sample ID: SB915-0391-06.07(FD) **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: CPM: 3 100psi
R: 11
D: 9

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 5/17/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	38.87	14.92	11.85	60.62	-236.6	0.45	7.00	300	
110	38.95	14.97	11.85	61.22	-238.1	0.42	7.15	300	
115	39.2	15.15	11.84	62.07	-238.1	0.46	6.80	300	1.032

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: ~~Bladd~~ Peri | Date: 5/18/17
Project #: 1163.63443 | Pump/Controller ID#: ~~FA011741/FA02902~~ | Weather: 74 Sunny

Well Information:
Installed Depth of Well*: 16 ft. bmp
Measured Depth of Well*: 20.14 ft. bmp
Depth to Water*: 4 ft.
Length of Water Column: 16.14 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.63 gal.
Pump Intake Depth*: 15 ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 805
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.05	13.61	11.97	7.70	-2.9	2.73	1.18	200	1.004
10	4.1	12.93	12.15	7.8	-3.3	2.54	1.05	200	
15	4.1	13.02	12.24	7.8	-5.4	2.45	1.05	200	
20	4.1	12.95	12.3	7.8	-1.6	2.44	0.85	200	
25	4.1	12.84	12.34	7.8	1.3	2.42	.57	200	
30	4.1	12.48	12.38	7.8	4.1	2.4	.52	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 835 Total volume of groundwater purged: 1.5 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0392-01 **Sample Time:** 9:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA011741
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: Spec. cond. Reading accurate and not "stuck"

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-18-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 80's

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 123.85 ft. bmp
Depth to Water*: 66.89 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 9:53
Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	66.89	12.53	7.32	1.26	-44.90	0.51	95.3	480	1.002
10	66.89	12.02	7.24	1.41	-34.90	0.93	77.5	480	
15	66.89	11.92	7.20	1.52	-28.90	1.23	54.6	480	
20	66.89	11.93	7.18	1.57	-24.90	1.50	42.0	480	
25	66.89	11.95	7.17	1.61	-22.00	1.62	29.3	480	
30	66.89	11.84	7.16	1.62	-21.80	1.74	20.3	480	
35	66.89	11.82	7.15	1.63	-21.90	1.83	16.7	480	
40	66.89	11.87	7.15	1.63	-21.80	1.93	14.7	480	
45	66.89	11.56	7.15	1.64	-20.70	1.99	12.2	480	
50	66.89	11.73	7.14	1.63	-20.20	2.10	11.2	480	
55	66.89	11.80	7.14	1.64	-19.60	2.11	11.2	480	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:48 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* No

Sample ID: SB915-0392-02 **Sample Time:** 11:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/18/17

Project #: 1163.63443 | Pump/Controller ID#: FA02121 / FA02875 | Weather: 80 Sunny

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 156.0 ft. bmp

Depth to Water*: 26.9 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1120

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

	Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	5	28	13.07	6.3	138.5	21.4	0.95	31.3	500	1.080
*	10		12.88	6.38	134.1	15.3	0.90	20	500	
*	15		12.84	6.38	133.4	17.2	0.92	15.6	500	
*	20		12.84	6.36	133.3	26.3	0.91	10.8	500	
	25	43	13.11	6.31	133.3	40.1	0.86	9.85	300	
	30	43.3	13.49	6.25	133.0	49.8	0.88	16.6	300	
*	35	38	13.02	6.22	133.3	57.0	0.84	15.25	300	
*	40		13.02	6.20	132.6	60.9	0.72	18.5	300	
*	45		13.07	6.17	132.9	67.8	0.80	17.2	300	
	50	53.00	13.1	6.14	133.4	69.9	0.71	15.8	300	
	55	54.6	13.32	6.13	134.3	71.1	0.66	15.62	300	
	60	55.22	12.84	6.11	133.0	73.5	0.63	14.8	300	
	65	56	12.56	6.10	133.4	74.3	0.65	18.8	300	
	7									
	Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1227 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.080

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0392-03 - **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: water level indicator Issues

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: S-IS-17 S
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: CAH 2
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 80's Sun

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 14.77 ft. bmp
Depth to Water*: 13.81 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 12:01
Initial Observations: Color: slight white Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.07	14.29	6.76	174.69	-37.60	0.42	20.8	500	1.098
10	19.51	13.80	6.80	174.99	-75.20	0.18	14.3	500	
15	22.90	13.68	6.80	174.78	-80.30	0.15	12.8	500	
20	26.28	13.52	6.81	174.96	-82.20	0.12	11.7	500	
25	29.62	13.29	6.81	175.63	-82.10	0.11	9.75	500	
30	32.83	13.40	6.80	175.02	-80.70	0.10	9.65	500	
35	35.92	13.31	6.80	175.77	-78.10	0.09	9.83	500	
40	38.68	13.32	6.79	175.66	-75.70	0.09	9.76	500	
45	41.62	13.52	6.79	176.06	-71.70	0.14	7.37	500	1.102
50	44.25	13.36	6.79	176.11	-66.60	0.19	5.99	500	
55	46.95	13.43	6.78	176.19	-61.20	0.26	7.03	500	
60	49.44	13.30	6.77	175.67	-53.60	0.33	6.88	500	
65	51.98	13.30	6.76	176.27	-44.60	0.42	7.84	500	
70	54.35	13.61	6.73	177.48	-36.60	0.50	6.22	500	
75	54.40	15.24	6.73	175.50	-34.50	0.57	7.67	190	
80	54.48	15.49	6.69	178.70	-34.10	0.33	3.91	190	
85	54.57	15.31	6.67	178.76	-31.00	0.27	3.94	190	
90	54.67	15.41	6.66	179.65	-29.00	0.25	3.91	190	1.104
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 13:31 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.104
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0392-04 **Sample Time:** 14:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: ☆ used live readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-18-17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 80°F

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 39.40 ft. bmp
Depth to Water*: 33.05 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 8:25
Initial Observations: *Color:* clear *Odor:* Yes - sulfur *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm ~~mS/cm~~) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	35.33	13.70	6.33	3.10	-126.70	0.17	6.04	460	1.004
10	36.27	14.20	6.30	2.98	-132.70	0.13	5.53	200	
15	36.71	14.83	6.32	3.01	-134.30	0.12	6.30	125	
20	37.15	15.02	6.34	3.07	-130.90	0.11	7.45	125	
25	37.69	15.01	6.36	3.12	-126.40	0.11	8.65	125	
30	top of pump	15.24	6.38	3.21	-120.60	0.11	8.42	125	
	DRY								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 8:55 Total volume of groundwater purged: ~~~~2 gallon(s). *Specific Gravity:* —

Final Observations: *Color:* — *Odor:* — *Sheen/Free Product:* —

Sample ID: ✓ **Sample Time:** ✓

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1108
Turbidity Meter:	LaMotte	2020we	FAO 1390
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: "Bladder" | Date: 5.19.17

Project #: 1163.63443 | Pump/Controller ID#: / FA821 21 | Weather: 55°F Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 131.64 ft. bmp

Depth to Water*: 25.89 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1015

Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.85	11.80	7.23	61.66	-42.50	0.22	42.3	480	1.038
10	31.95	11.73	7.24	658.93	-61.60	6.14	84.3	480	
15	32.25	11.66	7.24	57.73	-79.70	0.10	65.80	480	
20	33.20	11.66	7.24	55.63	-83.90	0.08	42.00	480	
25	34.25	11.69	7.25	54.90	-84.30	0.06	28.7	480	
30	34.55	11.66	7.26	54.33	-92.50	0.05	24.9	480	
35	34.75	11.61	7.26	53.93	-91.80	0.04	23.3	480	
40	35.00	11.61	7.27	53.61	-91.80	0.04	20.90	480	
45	35.30	11.62	7.27	53.27	-89.60	0.03	15.60	480	
50	35.50	11.59	7.26	53.14	-86.60	0.03	16.90	480	
55	35.60	11.52	7.26	53.06	-84.40	0.03	13.7	480	
60	35.75	11.57	7.25	52.99	-82.20	0.03	13.8	480	
65	35.85	11.52	7.24	53.24	-78.70	0.02	13.2	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* NO

Sample ID: SB915-0393-01 **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	PA01825
Turbidity Meter:	LaMotte	2020we	FA611463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-@MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.19.17
Project #: 1163.63443 | Pump/Controller ID#: / | Weather: 60°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 129.85 ft. bmp
Depth to Water*: 27.54 ft.
Length of Water Column: 102.31 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1222
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.75	11.72	7.05	77.35	-86.30	0.19	23.00	440	1.030
10	28.45	11.72	7.03	82.70	-87.50	0.11	9.64	440	
15	28.50	11.66	7.05	80.00	-82.70	0.08	4.94	440	
20	28.50	11.66	7.05	79.37	-79.90	0.06	4.74	440	
25	28.55	11.73	7.04	79.49	-78.30	0.06	5.47	440	
30	28.55	12.13	7.03	79.60	-77.90	0.08	5.92	440	
35	28.55	11.80	7.03	79.27	-76.50	0.08	2.80	440	
40	28.55	11.80	7.02	79.44	-75.30	0.07	3.06	440	1.042
45									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1307 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.042
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0393-02 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	PA01325
Turbidity Meter:	LaMotte	2020we	PA0K463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR
Northing: 908304.629
Easting: 1119995.628

Site Name: SB915 Closure/SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Equipment Used: Bladder Pump | Date: 5/20/2017
Project #: 1663.63443 | Pump/Controller ID#: FA01039 / FA02875 | Weather: 50's Overcast windy

Well information:

Installed Depth of Well*: 207 ft. bmp.
Measured Depth of Well*: 209.85 ft. bmp.
Depth to Water*: 82.65 ft. bmp.
Length of Water Column (LWC): 127.20 ft.
Well Diameter: 2.0 in.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

* Measurement Point:
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Well Volume: 20.7336 gal.
Pump Intake Depth*: 204.9 ft. bmp.

Start Purge Time: 10:54
Initial Observations: *Color* Translucent Lt. Gray *Odor* None *Sheen/Free Product* None

Indicate units from drop down menu

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity	Units	Flow Rate ml/min	Specific Gravity
5	90.30	11.69	7.45	157.40	-119.40	1.73	846.00	AU	400	1.080
10	93.85	11.30	7.42	155.60	-170.40	0.17	730.00	AU	400	
15	96.64	11.18	7.43	154.70	-177.20	0.11	64.40	NTU	400	
20	99.10	11.20	7.42	154.40	-175.00	0.15	32.50	NTU	400	
25	101.90	11.16	7.43	154.20	-179.90	0.14	38.10	NTU	400	
30	104.10	11.13	7.52	154.60	-200.00	0.11	20.20	NTU	400	
35	106.99	11.09	7.75	151.60	-238.80	0.13	24.20	NTU	400	
40	109.68	11.08	8.05	150.20	-239.20	0.36	25.10	NTU	400	
45	112.75	11.10	8.33	148.20	-242.50	0.36	22.60	NTU	400	
50	117.29	11.14	8.56	147.10	-254.50	0.29	23.65	NTU	400	
55	119.16	11.11	8.55	146.60	-263.90	0.24	20.60	NTU	400	
60*	120.35	11.18	8.51	147.40	-273.70	0.19	26.70	NTU	400	
65	121.71	11.24	8.47	148.10	-279.40	0.16	28.40	NTU	400	
70	122.89	11.28	8.42	148.30	-284.30	0.13	28.25	NTU	400	
75	123.95	11.41	8.37	148.80	-288.30	0.10	27.00	NTU	400	
80	125.11	11.56	8.32	149.60	-289.70	0.08	29.50	NTU	400	
85	125.72	11.69	8.26	149.80	-289.20	0.07	29.36	NTU	400	
90	126.35	11.92	8.20	150.20	-287.50	0.06	17.40	NTU	400	
95	126.90	12.05	8.14	150.20	-284.80	0.06	17.30	NTU		
	127.39	12.01	8.10	151.40	-281.60	0.06	16.82			
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%		100 ≤ X ≤ 500	

End Purge Time: 13:07 Total volume of groundwater purged: 11 gal. End Spacific gravity: 1.088

Final Observations: *Color* Clear *Odor* Slight Unknown Chemical *Sheen/Free Product* None

Analytical Sample ID: SB915-0393-03 **Date:** 5/20/2017 **Time:** 1400

Sample equipment	Serial #
SmatTROLL	FA01174
Turbidity	FA02902

Notes: *Live reading taken iPod did not record

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure/SCA Project #: 1663.63443 Personnel: _____ Date: _____

Indicate units from drop down menu

Elapsed Time minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity	Units	Flow Rate ml/min	Specific Gravity
Continued from previous page.										
110	127.8	12.2	8.04	151.4	-276.9	0.06	15.89	NTU	400	
115	128.32	12.52	7.99	151.7	-273.5	0.05	15.63	NTU	400	
120	128.75	13.48	7.93	152.4	-270.4	0.05	16.20	NTU	140	
125	129.05	13.02	7.9	152.2	-265.2	0.06	15.90	NTU	140	
130	129.32	13.39	7.88	152.4	-261.2	0.05	15.25	NTU	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%		100 ≤ X ≤ 500	

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/22/17
Project #: 1163.63443 | Pump/Controller ID#: FA02121 | Weather: 56 Cloudy

Well Information:
Installed Depth of Well*: 116 ft. bmp
Measured Depth of Well*: 118.65 ft. bmp
Depth to Water*: 79.8 ft.
Length of Water Column: 38.85 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 6.33 gal.
Pump Intake Depth*: 2/13.7 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1057
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	79.80	11.46	6.67	14.2	-82.0	6.23	67.1	500	1.010
10	79.80	11.32	6.72	11.78	-84.8	0.14	30.3	500	
15	79.80	11.28	6.75	9.9	-82.6	6.09	17.4	500	
20	79.80	11.38	6.75	8.87	-80.4	0.06	11.9	500	
25	79.80	11.37	6.77	8.70	-78.8	0.05	10.23	500	
30	79.86	11.29	6.77	7.62	-77.0	0.04	7.82	500	
35	79.80	11.3	6.78	7.07	-75.2	0.03	8.55	500	
40	79.80	11.28	6.77	6.93	-73.5	0.02	9.29	500	
45	79.80	11.31	6.78	6.53	-72.4	0.07	9.6	500	
50	79.80	11.29	6.78	6.30	-70.9	0.02	8.11	500	
55	79.80	11.33	6.73	6.16	-69.8	0.01	6.88	500	
60	79.80	11.37	6.77	6.15	-68.3	0.01	6.67	500	
65	79.80	11.32	6.73	5.98	-66.3	0.01	6.16	500	
70	79.80	11.36	6.78	5.87	-65.2	0.01	5.46	500	
75	79.80	11.34	6.78	5.75	-65.3	0.01	4.68	500	
80	79.80	11.32	6.77	5.73	-64.4	0.01	4.88	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.006
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0394-02 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 11174
Turbidity Meter:	LaMotte	2020we	FA0 24069
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/22/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~65°F Cloudy

Well Information:
Installed Depth of Well*: ft. bmp
Measured Depth of Well*: 58.25 ft. bmp
Depth to Water*: 23.89 ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1050

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

circle units

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.85	11.85	9.76	7.70	-55.10	3.25	6.93	240	1.002
10	27.55	10.94	10.48	7.80	-63.30	3.03	7.81	240	
15	28.55	10.96	10.80	7.80	-66.20	3.05	10.17	240	
20	29.35	10.88	11.04	7.70	-70.40	2.77	8.95	240	
25	29.95	10.82	11.23	7.70	-73.80	2.42	12.01	240	
30	30.85	~~11.04~~ 11.40	~~11.20~~ 11.40	7.70	-76.50	2.21	10.27	240	
35	31.00	10.92	11.48	7.60	-80.50	1.97	10.77	240	
40	31.30	10.83	11.57	7.60	-79.60	1.89	8.77	240	
45	31.70	10.92	11.65	7.60	-80.10	1.71	8.56	240	
50	32.00	10.92	11.71	7.60	-80.10	1.55	8.27	240	
55	32.25	10.83	11.73	7.50	-78.10	1.47	7.94	240	
60	32.45	10.95	11.81	7.50	-81.60	1.32	7.05	240	
65	32.50	10.98	11.89	7.50	-85.90	1.24	7.35	240	
70	32.80	~~11.01~~ 11.01	11.90	7.60	-87.00	1.32	7.26	240	
75	32.80	10.97	11.90	7.50	-87.00	1.21	6.74	240	
80	33.00	~~11.05~~ 10.94	11.97	7.60	-87.50	1.18	7.73	240	
85	33.20	11.05	11.97	7.60	-87.50	1.11	7.30	240	
90	33.20	10.96	11.93	7.60	-85.50	1.21	7.93	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0394-MW03 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristatic | Date: 5/22/17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: 56 Rain

Well Information:
Installed Depth of Well*: 18 ft. bmp
Measured Depth of Well*: 19.78 ft. bmp
Depth to Water*: 9.45 ft.
Length of Water Column: 10.33 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.68 gal.
Pump Intake Depth*: ~14.8 ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 1250
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	~~Temperature~~ PH (SU) (SU)	~~pH~~ Temp (S.U.) °C	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.45	12.2	8.89	5.86	-72.6	5.87	5.15	500	1.002
10	9.45	11.99	8.88	5.86	-50.3	5.64	2.07	500	
15	9.45	11.95	8.83	5.89	-40.5	5.45	2.12	500	
20	9.45	11.97	8.78	5.88	-32.7	5.42	1.54	500	
25	9.45	11.93	8.74	5.91	-25.9	5.39	1.25	500	
30	9.45	11.99	8.95	5.90	-22.9	5.3	1.28	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1322 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: NO Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0394-0417 **Sample Time:** 1340

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1174
Turbidity Meter:	LaMotte	2020we	FA0 2902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-23-17
Project #: 1163.63443 | Pump/Controller ID#: FA00804/FA02121 | Weather: Cloudy, 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 129.75 ft. bmp
Depth to Water*: 28.83 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:29
Initial Observations: *Color:* slight cloudy *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.36	9.27	7.12	80.30	-127.10	0.25	37.1	480	1.032
10	31.62	9.26	7.41	82.20	-145.20	0.12	28.2	480	
15	32.27	9.24	7.36	85.00	-117.50	0.08	18.9	480	
20	32.59	9.27	7.24	86.70	-95.90	0.06	14.1	480	
25	32.79	9.31	7.14	87.60	-81.00	0.05	11.6	480	
30	32.89	9.31	7.06	87.70	-71.80	0.04	10.98	480	
35	32.93	9.31	7.00	87.90	-65.30	0.03	8.93	480	
40	32.99	9.40	6.96	88.20	-60.80	0.03	7.80	480	
45	33.03	9.42	6.93	87.80	-57.40	0.02	6.47	480	
50	33.04	9.38	6.91	87.50	-54.20	0.02	5.73	480	
55	33.05	9.42	6.89	88.20	-51.90	0.02	5.20	480	1.042
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:25 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.042
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0395-01 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-012

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5.23.17
Project #: 1163.63443 | Pump/Controller ID#: FA02448 | Weather: ~65°F Cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 72.40 ft. bmp
Depth to Water*: 22.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0954

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.07	12.37	7.72	1.27	-9.80	1.94	12.18	500	1.000
10	23.07	11.31	7.47	1.52	-74.60	0.12	10.36	500	
15	23.07	11.29	7.35	1.52	-78.40	0.07	7.48	500	
20	23.07	11.29	7.27	1.53	-78.50	0.05	3.89	500	
25	23.07	11.29	7.23	1.53	-79.20	0.04	5.44	500	
30	23.07	11.29	7.18	1.52	-78.00	0.04	3.83	500	
35	23.07	11.29	7.15	1.52	-77.80	0.04	3.71	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1029 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0395-02 **Sample Time:** 1050

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/23/17

Project #: 1163.63443 | Pump/Controller ID#: FA02490 / FA02875 | Weather: 50's partly cloudy

Well Information:

Installed Depth of Well*: 110 ft. bmp

Measured Depth of Well*: 111.91 ft. bmp

Depth to Water*: 26.92 ft.

Length of Water Column: 84.68 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 13.80 gal.

Pump Intake Depth*: 106.6 ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time: 9:35

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.71	11.78	6.53	53.72	-14.2	0.40	65.2	500	1.030
10	32.50	11.64	6.51	56.05	6.3	1.21	38.9	500	
15	33.59	11.56	6.46	62.47	11.7	1.06	31.3	500	
20	34.85	11.57	6.43	65.66	13.0	0.81	25.0	500	
25	35.30	11.58	6.42	67.39	13.0	0.62	23.5	500	
30	35.80	11.59	6.41	68.60	12.8	0.48	16.0	500	
35	36.25	11.66	6.40	69.69	13.8	0.38	15.8	500	
40	36.55	11.83	6.40	70.11	14.8	0.31	12.7	500	
45	36.65	11.73	6.40	70.32	15.0	0.26	10.15	500	
50	36.9	11.62	6.41	69.44	14.5	0.33	9.5	500	
55	37.0	11.64	6.40	70.19	15.1	0.21	12.9	500	
60	37.15	11.73	6.40	70.35	15.6	0.18	8.96	500	
65	37.2	11.78	6.40	70.35	15.0	0.17	8.25	500	
70	37.22	11.92	6.40	70.47	14.6	0.17	7.85	500	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 10:46 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.038

Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0395-03 **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01185
Turbidity Meter:	LaMotte	2020we	FA01390
Other:			

Notes: PH Readings are not "Stuck" Readings moved in live Readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5.23.17
Project #: 1163.63443 | Pump/Controller ID#: FA01806 / FA01039 | Weather: ~68°F Sun/Clouds

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 197.90 ft. bmp
Depth to Water*: 75.95 ft.
Length of Water Column: 121.95 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1130
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	78.40	12.66	6.20	73.58	-16.10	2.92	26.2	400	1.032
10	81.80	12.45	6.28	71.97	17.80	2.80	43.1	400	
15	83.00	12.58	6.33	69.02	22.30	6.19	38.5	400	
20	85.30	12.63	6.34	67.93	32.10	7.05	33.1	400	
25	87.50	12.67	6.36	68.05	31.80	7.45	29.0	400	
30	89.00	12.51	6.37	68.21	33.30	7.39	26.7	400	
35	91.50	12.14	6.38	67.84	32.80	7.06	27.2	400	
40	93.60	12.30	6.40	67.27	31.90	7.51	26.6	400	1.034
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.034
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Sample ID: SB915-0395-04 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: Visible dissolved oxygen in water. * or air bubbles

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91S

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5-23-17
Project #: 1163.63443 | Pump/Controller ID#: FA00804 / FA02121 | Weather: Sun, 70

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 44.00 ft. bmp
Depth to Water*: 21.18 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:59
Initial Observations: *Color:* light white *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.28	12.38	11.92	39.40	-183.60	0.14	53.8	450	1.018
10	24.57	11.97	11.99	39.70	-179.90	0.08	27.9	500	
15	25.42	11.88	12.02	39.30	-177.50	0.11	20.9	500	
20	26.19	11.87	12.04	38.20	-172.50	0.47	13.9	500	
25	26.67	11.88	12.04	38.40	-173.30	0.26	11.8	500	
30	27.00	11.91	12.04	39.30	-179.20	0.17	9.94	500	
35	27.48	11.92	12.05	39.40	-181.20	0.12	8.41	500	1.018
40	27.71	11.83	12.06	39.00	-183.70	0.06	5.13	500	
45	28.08	11.92	12.06	38.90	-185.10	0.04	2.60	500	
50	28.38	11.87	12.06	39.20	-185.20	0.03	2.55	500	
55	28.58	11.86	12.06	39.50	-185.10	0.04	2.40	500	
60	28.72	12.07	12.05	40.00	-186.00	0.04	2.36	500	
65	28.85	11.97	12.05	40.30	-185.70	0.06	2.55	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:04 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.018
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0395-05 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBA

Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/23/17

Project #: 1163.63443 | Pump/Controller ID#: FAO 2490/FAO 2815 | Weather: 50's Partly Cloudy

Well Information:

Installed Depth of Well*: _____ ft. bmp

Measured Depth of Well*: 133.55 ft. bmp

Depth to Water*: 18.02 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 11:50

Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.09	13.25	6.39	195.76	47.2	0.78	12.0	500	1.120
10	22.84	12.97	6.33	196.34	58.3	0.38	22.5	500	
15	25.12	12.97	6.30	196.24	51.5	0.62	17.3	500	
20	28.15	12.79	6.31	196.12	46.1	0.60	12.6	500	
25	30.49	12.69	6.32	196.6	41.8	6.57	11.8	500	
30	31.05	14.68	6.32	194.78	37.2	0.53	9.49	150	
35	31.30	14.38	6.32	194.86	32.8	0.58	9.32	150	
40	31.55	14.68	6.34	195.05	23.3	0.42	9.20	150	
45	31.7	15.01	6.35	195.19	21.9	0.36	9.15	150	
50	31.8	14.89	6.36	195.24	21.00	0.34	8.9	150	
55	32.05	15.01	6.36	194.59	18.4	0.32	8.5	150	
60	32.10	15.16	6.36	194.9	16.6	0.31	8.3	150	
65	32.3	15.28	6.37	194.14	15.3	0.29	8.1	150	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:54 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.126

Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0395-06 **Sample Time:** 1320

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1174
Turbidity Meter:	LaMotte	2020we	FAO 1390
Other:			

Notes: Well was Flowed @ 500 to DTW down to 30.5

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JBP
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/25/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's Rain

Well Information:
Installed Depth of Well*: 48 ft. bmp
Measured Depth of Well*: 50.36 ft. bmp
Depth to Water*: 20.29 ft.
Length of Water Column: 30.07 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 4.9 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:07
Initial Observations: Color: Clear Odor: No Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.96	11.49	12.08	23.24	-123.6	0.27	14.6	330	1.012
10	23.62	11.32	12.19	26.28	-124.1	0.19	10.42	330	
15	24.21	11.27	12.23	23.31	-123.3	0.13	6.45	330	
20	24.80	11.26	12.25	23.3	-121.2	0.14	6.55	330	
25	25.25	11.21	12.24	23.09	-120.1	0.10	5.79	330	
30	25.6	11.20	12.29	27.71	-118.4	0.15	4.18	330	
35	25.9	11.18	12.29	22.7	-116.7	0.22	4.48	330	
40	26.35	11.20	12.29	22.76	-117.2	0.21	3.54	330	
45	26.5	11.18	12.27	22.81	-114.8	0.22	3.25	330	
50	26.6	11.14	12.28	22.76	-114.1	0.20	3.0	330	
55	26.7	11.15	12.28	22.85	-113.6	0.32	4.2	330	
60	26.92	11.18	12.29	22.85	-115.9	0.38	3.2	330	
65	27.01	11.21	12.29	22.90	-118.8	0.44	3.15	330	
70	26.95	11.18	12.29	22.93	-115.2	0.52	3.3	330	
75	27.01	11.18	12.29	22.97	-111.8	0.57	2.94	330	
80	27.06	11.18	12.31	22.95	-123.4	0.60	2.63	330	
85	27.14	11.19	12.3	22.94	-111.2	0.60	1.81	330	
90	27.21	11.18	12.3	22.90	-110.7	0.62	1.50	330	
95	27.25	11.18	12.29	22.92	-109.4	0.60	1.20	330	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1140 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.012
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* NO

Sample ID: SB915-0397-01,02 FD **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02402
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-036

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP/JWB
Site Location: Camillus, NY | Pump Type Used: Geo Pump | Date: 5/24/17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: 60s sunny

Well Information:
Installed Depth of Well*: 76 ft. bmp
Measured Depth of Well*: 76.2 ft. bmp
Depth to Water*: 27.08 ft.
Length of Water Column: 51.12 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 8.33 gal.
Pump Intake Depth*: ~73.2 ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 10:13
Initial Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.40	10.39	6.43	58.87	-51.6	0.08	28.1	440	1.025
10	27.40	10.30	6.36	60.30	-58.6	0.05	24.4	440	
15	27.40	10.34	6.33	60.53	-60.2	0.04	15.0	440	
20	27.40	10.35	6.30	61.9	-57.9	0.03	11.89	440	
25	27.40	10.40	6.28	62.25	-35.9	0.03	9.24	440	
30	27.40	10.34	6.27	62.17	-50.6	0.03	6.37	440	
35	27.40	10.49	6.26	62.78	-48.6	0.02	6.87	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1050 Total volume of groundwater purged: 9.5 gallon(s). *Specific Gravity:* 1.030
Final Observations: *Color:* clear *Odor:* NO *Sheen/Free Product:* NO

Sample ID: SB915-0396-01 **Sample Time:** 11:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02402
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBB
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 5/24/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 60 Sunny

Well Information:
Installed Depth of Well*: 63.4 ft. bmp
Measured Depth of Well*: 65.08 ft. bmp
Depth to Water*: 39.75 ft.
Length of Water Column: 25.33 ft.

Well Volume Multipliers:
☒ 2 in. = 0.163 gal/ft
Well Volume: 4.13 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other:

Start Purge Time: 12:11
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm, mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	39.85	10.44	7.26	1.03	25.5	0.16	9.08	500	1.004
10	39.90	10.02	7.08	1.03	23.9	0.08	5.29	500	
15	39.90	9.88	7.03	1.03	21.7	0.06	5.15	500	
20	39.90	9.83	6.98	1.03	21.7	0.04	5.18	500	
25	39.90	9.87	6.97	1.03	22.7	0.02	4.80	500	
30	39.90	9.81	6.95	1.03	22.7	0.01	4.50	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:45 Total volume of groundwater purged: 5.00 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0396-02,03,04 (MS/MSD) **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	EA0174
Turbidity Meter:	LaMotte	2020we	EA02902
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-104F

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 5/30/17
Project #: 1163.63443 | Pump/Controller ID#: FA0 2448 | Weather: 60's partly cloudy

Well Information:
Installed Depth of Well*: _____ ft. bmp
Measured Depth of Well*: 75.23 ft. bmp
Depth to Water*: 26.25 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 1119
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.25	12.43	7.09	1.23	65.1	0.10	58.0	500	1.002
10	26.25	12.15	7.08	1.24	55.7	0.07	60.8	500	
15	26.25	12.33	7.09	1.26	52.4	0.06	49.7	500	
20	26.25	12.40	7.11	1.26	51.6	0.07	36.2	500	
25	26.25	12.52	7.11	1.26	51.2	0.08	24.7	500	
30	26.25	12.29	7.15	1.25	50.3	0.09	21.6	500	
35	26.25	12.12	7.13	1.26	50.8	0.09	13.4	500	
40	26.25	12.34	7.16	1.25	50.00	0.08	11.2	500	
45	26.25	12.38	7.17	1.25	51.3	0.08	10.98	500	
50	26.25	12.34	7.20	1.25	50.8	0.08	9.10	500	
55	26.25	11.97	7.16	1.26	51.9	0.07	6.10	500	
60	26.25	12.27	7.20	1.25	50.20	0.07	5.66	500	
65	26.25	12.41	7.20	1.25	50.8	0.07	4.52	500	
70*	26.25	12.63	7.20	1.25	53.3	0.07	4.58	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1232 Total volume of groundwater purged: 9 gallon(s). *Specific Gravity:* 1.002
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0398 - ~~03, 04~~ 05 (MS/MSD) **Sample Time:** 1310

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01174
Turbidity Meter:	LaMotte	2020we	FA02902
Other:			

Notes: * live Reading taken IPod did Not Record

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 5-30-17
Project #: 1163.63443 | Pump/Controller ID#: FA01237 | Weather: Humid, 70, sun+clouds

Well Information:
Installed Depth of Well*: ____ ft. bmp
Measured Depth of Well*: 25.60 ft. bmp
Depth to Water*: 4.98 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.4 gal. (10.2 g = 3001)
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 11:13
Initial Observations: Color: clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.24	12.65	5.95	113.70	24.00	0.04	10.07	400	1.066
10	8.82	12.50	5.95	113.36	24.60	0.03	12.9	400	
15	10.58	12.79	5.95	113.38	30.20	0.03	14.0	360	
20	11.82	12.86	5.95	111.32	39.20	0.02	33.6	360	
25	12.88	13.08	5.95	113.14	52.90	0.02	58.5	360	
30	13.78	13.11	5.96	112.72	66.80	0.02	NA*	340	
35	14.42	13.36	5.96	113.23	69.70	0.04	611AU	300	
40	14.95	13.06	5.97	113.16	64.50	0.09	1393AU	300	
45	15.39	13.65	5.98	112.45	64.70	0.29	1084AU	300	1.064
50	15.82	13.66	5.98	111.54	64.60	0.29	52*	300	
55	16.26	13.22	5.98	112.22	64.50	0.22	769AU	300	
60	16.42	13.22	5.98	113.05	71.50	0.24	978AU	300	
65	16.45	12.64	5.97	113.39	63.80	0.14	20*	320	
70	16.50	12.84	5.98	113.03	60.10	0.13	1264AU	320	
75	16.80	13.02	5.98	113.29	66.90	0.37	1044AU	320	
80	17.02	13.20	5.99	112.57	69.20	0.25	702AU	320	
85	17.48	13.30	6.00	113.83	67.90	0.40	700AU	320	
90	17.72	12.86	6.02	111.55	54.60	0.25	18*	340	
95	17.82	13.02	6.03	110.78	40.10	0.10	623AU	250	1.064
100	18.03	12.42	6.04	113.18	30.70	0.10	2*	250	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:53 Total volume of groundwater purged: 13 gallon(s). *Specific Gravity:* 1.066
Final Observations: Color: slight cloudy Odor: NO Sheen/Free Product: NO

Sample ID: SB915-0398-06,07 (FD) **Sample Time:** 15:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01463
Other:			

Notes: * value reads 10 - cloudy sample

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: CAH | Date: 5-30-17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	18.02	13.19	6.05	111.06	20.00	0.12	619AV	~~18.02~~	200ml/m
110	18.28	11.94	6.08	112.94	17.40	0.25	735AV	200	
115	18.48	11.96	6.08	113.99	14.60	0.31	611AV	300	
120	18.50	12.38	6.09	114.33	13.60	0.41	521AV	200	
125	18.24	13.88	6.11	110.67	10.40	0.51	673AV	180	
130	18.21	13.15	6.12	114.86	12.70	0.98	35*	150	
135	18.13	12.72	6.13	114.42	14.30	1.25	14*	150	
140	18.05	13.00	6.13	114.16	16.10	1.45	24*	150	
145	17.98	13.11	6.12	114.42	17.70	1.65	49.6*	150	
150	17.90	13.11	6.13	113.55	18.40	1.82	~~72.8~~	150	
155	17.81	13.31	6.12	113.76	18.20	1.92	63.8	150	
160	17.72	13.03	6.12	113.90	20.20	2.17	62.2	150	1.066
	Sampling - over 3 well volumes removed.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes: * Changed drive head on perr pump.

3.4gal = 1 well volume

APPENDIX C

3rd Quarter 2017 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 5/25/2017

Project #: 1163.63443 | Pump/Controller ID#: FAO2646 | Weather: 70 clouds misting

Well information:

Installed Depth of Well: 57.00 ft. bgs.

Measured Depth of Well*: 53.00 ft. bmp.

Depth to Water*: 2.22 ft.

Length of Water Column: 50.78 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 8.3 gal.

Pump Intake Depth: 52.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:24

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	2.22	13.68	6.74	9.74	-59.70	0.17	39.4	500	1.010
10	2.22	13.38	6.75	9.72	-59.70	0.09	17.2	500	
15	2.22	13.27	6.76	9.70	-57.10	0.07	13	500	
20	2.22	13.17	6.77	9.69	-54.90	0.06	7.68	500	
25	2.22	13.20	6.77	9.67	-53.20	0.06	5.23	500	
30	2.22	13.09	6.77	9.65	-50.50	0.06	3.78	500	
35	2.22	13.06	6.78	9.64	-49.50	0.05	2.67	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:00 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0399-03,04,05 (MS/MSD) **Sample Time:** 11:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/25/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 65, cloudy, drizzle

Well information:

Installed Depth of Well: 21.95 ft. bgs.

Measured Depth of Well*: 20.00 ft. bmp.

Depth to Water*: 8.47 ft.

Length of Water Column: 11.53 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.9 gal.

Pump Intake Depth: 17.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:50

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.98	13.77	6.10	34.07	2.20	0.07	7.33	420	1.022
10	11.21	13.77	6.11	34.18	-4.70	0.06	10.14	420	
15	11.97	13.99	6.14	33.45	-9.20	0.06	13.6	420	
20	12.82	13.95	6.14	33.65	-12.20	0.04	14.98	420	
25	13.67	14.04	6.16	33.65	-14.00	0.05	14.08	420	
30	14.49	14.41	6.18	33.48	-14.50	0.07	13.8	280	
35	14.92	14.40	6.20	33.37	-14.90	0.11	12.93	280	
40	15.02	14.17	6.20	33.47	-18.50	0.20	9.16	280	
45	15.22	14.06	6.20	33.66	-19.80	0.15	6.43	280	
50	15.51	13.85	6.19	33.64	-20.30	0.11	3.49	280	
55	15.76	13.88	6.15	34.26	-15.90	0.09	1.67	200	
60	15.96	13.95	6.14	34.37	-11.60	0.07	1.05	200	
65	16.22	13.90	6.12	34.77	-7.40	0.08	1.23	200	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:00 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0399-06 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/25/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: cloudy 65°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 5.91 ft.
Length of Water Column: 20.06 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.27 gal. (9.81 gal = 3 well Vol.)
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0906
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.75	14.02	5.79	112.80	47.0	0.17	5.66	220	1.070
10	8.67	13.79	5.78	113.30	42.8	0.10	4.68	220	
15	9.54	13.62	5.78	113.30	41.1	0.09	7.29	220	
20	10.24	13.60	5.78	112.40	38.0	0.09	24.4	200	
25	10.87	13.68	5.76	112.50	37.2	0.09	35.4	200	
30	11.38	13.64	5.76	112.50	33.2	0.08	50.4	200	
35	11.86	13.52	5.76	112.30	29.2	0.08	60.5	200	
40	12.32	13.32	5.76	112.10	26.7	0.08	44.5	200	
45	12.82	13.42	5.77	112.40	25.2	0.08	51.2	200	
* 50	13.03	13.45	5.78	111.80	24.9	0.07	37.6	200	
55	13.30	13.55	5.78	112.10	24.9	0.07	29.8	200	
60	13.58	13.43	5.78	111.30	24.2	0.07	61.6	200	
65	13.77	13.34	5.79	111.40	22.0	0.07	76.5	200	
70	13.96	13.25	5.79	111.90	21.8	0.07	104.2	200	
75	14.19	13.25	5.80	111.70	21.4	0.07	60.4	200	
80	14.34	13.39	5.80	111.10	23.1	0.07	48.4	200	
85	14.51	13.41	5.80	111.60	22.6	0.07	46.2	200	
90	14.62	13.43	5.81	111.30	21.4	0.08	36.6	200	
95	14.71	13.34	5.81	111.3	19.1	0.08	52.7	200	
100	14.89	13.35	5.82	111.5	18.2	0.08	66.9	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1156 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.070
Final Observations: *Color:* Cloudy *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0399-07 **Sample Time:** 1220

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01111
Other:			

Notes: * iPad did not record values, values from live Reading.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1045

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: MDM | Date: 7/25/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	15.02	13.31	5.82	111.10	18.10	0.08	62.6	200	
110	15.16	13.30	5.83	111.10	18.40	0.08	48.3	200	
115	15.27	13.32	5.83	111.00	19.00	0.08	46.8	200	
120	15.37	13.32	5.83	111.20	19.00	0.08	35.9	200	
125	15.52	13.18	5.83	111.40	18.60	0.08	37.7	200	
130	15.61	13.20	5.84	111.30	19.20	0.08	29.3	200	
135	15.63	13.29	5.83	111.30	18.90	0.08	71.3	200	
140	15.72	13.17	5.83	111.40	19.40	0.09	104.6	200	
145	15.81	13.25	5.84	110.50	16.80	0.08	138	200	
150	15.87	13.27	5.84	110.50	18.00	0.09	73.4	200	
155	15.98	13.20	5.84	112.10	17.30	0.08	58.6	200	
160	16.06	13.02	5.85	110.90	17.10	0.08	59.3	200	
165	16.08	13.02	5.85	111.50	17.10	0.08	50.4	200	
170	16.12	12.98	5.85	110.90	16.10	0.06	85.4	200	
	Sampling —		3 well	volumes					
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/25/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 65, cloudy, drizzle

Well Information:

Installed Depth of Well: 89.00 ft. bgs.

Measured Depth of Well*: 90.13 ft. bmp.

Depth to Water*: 8.21 ft.

Length of Water Column: 81.92 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 13.4 gal.

Pump Intake Depth: 84.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:27

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.57	13.86	6.58	28.80	-5.30	0.08	4.65	460	1.018
10	8.62	13.52	6.57	28.68	-1.90	0.03	2.6	460	
15	8.68	13.26	6.57	28.66	-2.10	0.02	6.16	460	
20	8.72	13.13	6.57	29.26	-2.00	0.01	13.76	460	
25	8.74	13.07	6.52	43.48	-0.50	0.01	17.6	460	
30	8.74	13.01	6.50	54.97	-2.00	0.01	14.13	460	
35	8.75	13.03	6.50	55.66	-3.40	0.01	7.33	460	1.030
40	8.75	12.95	6.50	57.00	-4.10	0.01	4.48	460	
45	8.76	12.90	6.50	57.78	-4.60	0.01	3.45	460	
50	8.76	12.94	6.50	58.54	-5.10	0.00	2.92	460	
55	8.76	12.92	6.50	58.56	-5.40	0.00	3.26	460	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:22 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB913-0399-08 **Sample Time:** 13:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/25/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 60's cloudy light rain

Well information:

Installed Depth of Well: 14.00 ft. bgs.

Measured Depth of Well*: 15.38 ft. bmp.

Depth to Water*: 5.20 ft.

Length of Water Column: 10.18 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.7 gal.

Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:06

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.50	16.30	6.62	21.78	-49.20	0.05	11.6	200	1.020
10	7.23	16.85	6.61	22.44	-56.60	0.21	9.16	200	
15	7.81	16.81	6.57	23.81	-62.00	0.09	7.03	200	
20	8.19	16.61	6.56	24.49	-55.20	0.05	6.18	200	
25	8.63	16.45	6.57	24.70	-48.60	0.04	5.2	200	
30	9.08	16.15	6.57	25.08	-42.10	0.04	3.92	200	
35	9.44	15.85	6.50	25.44	-36.40	0.04	3.11	200	
40	9.66	15.63	6.57	25.86	-35.50	0.04	3.28	200	
45	9.97	15.46	6.57	26.97	-37.60	0.04	4.21	200	
50	10.40	15.28	6.57	28.99	-38.40	0.03	2.89	200	
55	11.06	14.90	6.54	39.03	-37.10	0.04	2.79	200	
60	11.20	14.61	6.55	41.69	-34.70	0.04	1.73	200	
65	11.40	14.31	6.55	44.47	-29.10	0.40	3.91	200	
70	11.00	15.46	6.49	43.26	-11.70	4.35	3.25	140	
75	11.15	15.59	6.59	45.28	-31.10	4.35	2.31	140	
80	11.30	14.65	6.60	36.12	-26.50	0.68	2.5	140	
85*	11.70	15.28	6.58	45.87	-34.00	0.15	6.8	100	
90	11.40	14.92	6.61	45.37	-33.30	0.09	2.84	100	
95	11.30	14.74	6.62	45.35	-30.40	0.08	2.05	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:01 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.022

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0399-09 **Sample Time:** 14:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: *switched to live readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/25/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Cloudy 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 73.50 ft. bmp.
Depth to Water*: 26.73 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1252
Initial Observations: Color: Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.73	13.07	7.69	1.40	20.10	0.28	150	320	1.004
10	26.73	12.66	7.63	1.40	25.30	0.23	54.9	320	
15	26.73	12.50	7.61	1.40	30.80	0.22	39.8	320	
20	26.73	12.36	7.59	1.40	34.6	0.20	36.6	320	
25	26.73	12.33	7.58	1.40	38.2	0.21	19.6	320	
30	26.73	12.39	7.57	1.40	41.10	0.21	20.1	320	
35	26.73	12.47	7.55	1.40	43.0	0.20	11.83	320	
40	26.73	12.43	7.55	1.40	45.5	0.22	10.41	320	
45	26.73	12.29	7.54	1.40	47.7	0.26	7.55	320	
* 50	26.73	12.20	7.53	1.40	49.5	0.25	7.21	320	
55	26.73	12.12	7.52	1.40	50.4	0.29	5.96	320	
60	26.73	12.10	7.51	1.40	51.2	0.29	4.88	320	
65	26.73	12.05	7.51	1.40	51.4	0.28	7.75	320	
70	26.73	12.05	7.50	1.40	52.2	0.28	3.48	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1402 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.004
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-~~MW-104I~~ 0399-10(11FD) **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * Ipod did not record → Live Readings

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/25/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 65, cloudy

Well information:

Installed Depth of Well: 34.35 ft. bgs.

Measured Depth of Well*: 36.35 ft. bmp.

Depth to Water*: 6.73 ft.

Length of Water Column: 29.62 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 4.8 gal.

Pump Intake Depth: 29.4 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 14:10

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.73	11.88	6.83	12.20	-23.60	0.09	4.08	500	1.010
10	6.73	11.70	6.81	12.31	-25.10	0.06	5.67	500	
15	6.73	11.61	6.81	12.31	-25.90	0.05	7.42	500	
20	6.73	11.54	6.81	12.30	-26.70	0.04	5.98	500	
25	6.73	11.48	6.80	12.31	-27.30	0.03	4.8	500	
30	6.73	11.46	6.80	12.30	-27.60	0.03	4.24	500	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:40 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0399-12 **Sample Time:** 14:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AHC
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 64° Overcast/Partly cloudy

Well Information:
Installed Depth of Well*: 20 ft. bmp.
Measured Depth of Well*: 22.45 ft. bmp.
Depth to Water*: 3.50 ft.
Length of Water Column: 18.95 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☒ Protective Casing
☐ Other: _____

Start Purge Time: 0816
Initial Observations: *Color:* Clear w/some red/rust specks suspended *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.69	14.05	6.01	64.70	29.60	0.15	12.38	300	1.038
10	6.85	14.04	6.03	64.40	28.50	0.13	5.90	340	1.038
15	7.38	14.62	6.02	64.80	25.30	0.14	6.96	300	
20	7.90	14.49	6.01	65.20	26.10	0.14	3.76	280	
25	8.04	14.42	6.00	65.60	29.30	0.14	2.32	300	1.038
30	8.19	14.21	5.98	65.60	34.10	0.15	1.88	300	1.038
35	8.39	14.07	5.97	66.90	36.60	0.15	3.15	300	
40	8.54	13.99	5.96	66.50	39.10	0.18	2.37	320	
45	8.68	13.98	5.95	67.20	38.90	0.18	2.17	320	
50	8.80	13.83	5.95	67.20	39.00	0.16	1.96	320	1.036
55	8.93	13.80	5.93	68.40	42.40	0.15	2.03	320	
60	9.30	13.62	5.92	69.30	46.20	0.14	1.83	320	1.036
65	9.52	13.68	5.91	70.20	48.60	0.14	1.51	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0924 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.036
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-01 **Sample Time:** 0931

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy, 70

Well information:

Installed Depth of Well: 16.17 ft. bgs.

Measured Depth of Well*: 18.35 ft. bmp.

Depth to Water*: 10.52 ft.

Length of Water Column: 7.83 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.3 gal.

Pump Intake Depth: 11.2 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 8:10

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.08	13.49	6.72	1.30	133.80	0.88	1.17	280	1.004
10	11.39	13.35	6.70	1.30	110.60	0.52	1.06	280	
15	11.68	13.31	6.68	1.30	87.30	0.33	1.03	280	
20	11.97	13.63	6.67	1.30	67.60	0.23	1.01	280	
25	12.26	13.31	6.66	1.30	54.80	0.20	0.83	280	
30	12.55	13.31	6.66	1.30	46.20	0.22	0.85	280	
35	12.82	13.16	6.65	1.30	40.30	0.21	0.79	280	
40	13.08	13.22	6.65	1.30	35.70	0.19	0.71	280	
45	13.24	13.42	6.64	1.30	32.60	0.19	0.81	200	
50	13.39	13.59	6.64	1.30	30.20	0.18	0.8	200	
55	13.52	13.70	6.64	1.30	28.20	0.16	0.73	200	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:05 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-02 **Sample Time:** 9:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: 86 cloudy some drizzle

Well information:

Installed Depth of Well: 24.00 ft. bgs.

Measured Depth of Well*: 24.50 ft. bmp.

Depth to Water*: 8.04 ft.

Length of Water Column: 16.46 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.7 gal.

Pump Intake Depth: 19.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 8:17

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.98	14.14	6.69	11.82	1.80	0.08	22.5	300	1.010
10	10.52	14.11	6.69	11.74	4.30	0.07	39.4	300	
15	10.84	14.25	6.70	11.49	4.50	0.06	80.3	300	
20*	11.30	13.89	6.75	10.81	-4.50	0.06	839	300	
25	11.32	13.78	6.77	10.70	-8.30	0.05	131	300	
30	11.46	13.68	6.79	10.60	-11.30	0.05	985	300	
35	11.57	13.64	6.80	10.52	-12.90	0.05	671	300	
40	11.70	13.61	6.80	10.47	-13.00	0.05	174	300	
45	11.80	13.62	6.82	10.33	-16.10	0.05	199	300	
50	11.91	13.60	6.82	10.30	-17.20	0.05	210	300	
55	11.99	13.56	6.82	10.27	-18.70	0.05	651	300	
60	12.02	13.50	6.83	10.21	-20.40	0.05	784	300	
65	12.05	13.45	6.84	10.11	-20.70	0.05	992	300	
70	12.13	13.43	6.85	10.03	-20.90	0.04	800	300	
75	12.17	13.38	6.85	9.98	-22.40	0.04	280	300	
80	12.20	13.41	6.85	9.98	-23.00	0.04	162	300	
85	12.22	13.56	6.86	9.93	-26.20	0.04	183	300	
90	12.25	13.57	6.86	9.93	-24.90	0.04	153	300	
95	12.31	13.65	6.86	9.88	-27.30	0.04	162	300	
100	12.35	13.67	6.86	9.87	-27.90	0.04	171	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:04 Total volume of groundwater purged: 105.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Cloudy *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-03 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01399
Turbidity Meter:	LaMotte	2020we	FA01108
Other:			

Notes: *Live reading taken iPod did not record

Low Flow Groundwater Sampling Log

SB915-MW-117S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 7/26/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	12.33	13.65	6.86	9.82	-28.20	0.04	170	300	

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 68 overcast

Well Information:
Installed Depth of Well*: 56 ft. bmp.
Measured Depth of Well*: 57.1 ft. bmp.
Depth to Water*: 7.02 ft.
Length of Water Column: 50.08 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☑ Protective Casing
☐ Other: _____

Start Purge Time: 1000
Initial Observations: Color: clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.02	14.02	6.61	11.50	-9.70	0.25	12.06	360	1.010
10	7.02	13.52	6.57	11.60	-8.10	0.15	8.51	340	1.010
15	7.00	13.20	6.55	11.60	-6.70	0.17	7.56	360	
20	7.01	13.01	6.54	11.50	-6.00	0.15	5.65	400	
25	7.04	12.92	6.53	11.50	-6.50	0.16	5.69	360	
30	7.05	12.97	6.53	11.40	-5.30	0.14	6.51	360	
35	7.05	13.07	6.52	11.40	-5.00	0.14	5.56	360	1.010
40	7.02	13.01	6.52	11.30	-4.40	0.15	5.93	380	
45	7.02	13.02	6.52	11.30	-3.60	0.14	5.62	380	
50	7.02	13.11	6.51	11.30	-2.40	0.14	5.30	380	1.008
55	7.02	13.32	6.51	11.20	-2.90	0.17	2.93	380	
60	7.02	13.33	6.51	11.20	-2.20	0.13	3.51	340	
65	7.02	13.34	6.51	11.10	-2.20	0.15	3.32	320	1.006
70	7.02	13.02	6.51	11.20	-1.60	0.14	3.00	400	
75	7.02	13.11	6.50	11.20	-1.60	0.15	3.16	380	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1122 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.008
Final Observations: Color: clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0400-04 **Sample Time:** 1138

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA013206
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy, 70

Well information:

Installed Depth of Well: 25.00 ft. bgs.

Measured Depth of Well*: 26.82 ft. bmp.

Depth to Water*: 23.54 ft.

Length of Water Column: 3.28 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.5 gal.

Pump Intake Depth: 20.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:09

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.80	12.08	11.90	10.70	-116.00	1.94	3.6	360	1.008
10	23.80	11.69	11.93	10.70	-117.80	2.04	1.76	360	
15	23.92	11.12	11.97	9.70	-127.80	0.96	2.12	420	
20	23.97	11.04	12.01	8.20	-138.30	0.32	0.88	420	
25	23.98	11.10	12.03	7.20	-147.30	0.16	0.88	420	
30	23.98	11.05	12.04	6.70	-155.40	0.10	1.05	420	1.008
35	23.97	11.11	12.04	6.40	-163.30	0.07	0.9	420	
40	23.97	11.20	12.04	6.20	-170.30	0.05	1.21	420	
45	23.97	11.33	12.03	6.10	-175.80	0.04	1.55	420	
50	23.97	11.37	12.03	5.90	-180.70	0.03	1.38	420	
55	23.97	11.29	12.03	5.90	-182.80	0.03	2.45	420	
60	23.97	11.24	12.04	5.80	-184.90	0.02	1.65	420	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:09 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-05 **Sample Time:** 11:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: 66 Mostly cloudy

Well information:

Installed Depth of Well: 44.00 ft. bgs.

Measured Depth of Well*: 44.75 ft. bmp.

Depth to Water*: 7.97 ft.

Length of Water Column: 36.78 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 6.0 gal.

Pump Intake Depth: 39.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:05

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.85	13.52	7.04	10.18	-47.20	0.10	122	500	1.012
10	10.05	13.34	6.75	30.36	-51.90	0.09	83.3	500	
15	9.80	13.34	6.76	30.36	-56.90	0.08	16.6	500	
20	9.83	13.25	6.73	36.83	-58.30	0.07	19.7	500	
25	9.85	13.11	6.71	39.55	-59.00	0.08	11.5	500	
30	9.87	13.06	6.70	41.24	-59.70	0.08	11.7	500	
35	9.90	13.11	6.69	43.95	-59.90	0.08	5.9	500	
40	9.90	13.06	6.68	44.95	-60.10	0.08	3.59	500	
45	9.91	13.03	6.66	46.51	-60.40	0.07	4	500	
50	9.91	12.96	6.66	47.74	-60.50	0.07	2.56	500	
50	9.91	12.95	6.65	48.70	-60.83	0.09	2.47	500	
55	9.91	13.02	6.64	49.69	-61.10	0.08	2.45	500	
60	9.91	13.00	6.64	50.74	-61.20	0.08	2.45	500	
65	9.91	13.02	6.63	51.21	-61.50	0.07	2.5	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:16 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.028

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-06 **Sample Time:** 12:35

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01399
Turbidity Meter:	LaMotte	2020we	FA01108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: overcast 70

Well Information:
Installed Depth of Well*: 106 ft. bmp.
Measured Depth of Well*: 107.48 ft. bmp.
Depth to Water*: 10.10 ft.
Length of Water Column: 97.38 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 15.87 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☑ Protective Casing
☐ Other: ____

Start Purge Time: 1153
Initial Observations: Color: clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.10	13.12	6.27	132.00	3.00	0.20	7.88	420	1.078
10	10.15	13.01	6.12	133.10	13.60	0.13	4.69	500	1.076
15	10.15	12.95	6.07	132.70	14.30	0.11	4.24	460	
20	10.15	12.95	6.05	133.40	14.40	0.10	4.80	460	
25	10.15	12.93	6.04	132.60	14.40	0.10	4.47	460	
30	10.16	12.94	6.03	133.10	14.30	0.09	3.92	460	1.076
35	10.17	12.79	6.03	133.60	14.30	0.09	3.41	460	1.076
40	10.17	12.93	6.03	133.20	14.20	0.09	3.40	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.076
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0400-07 **Sample Time:** 1241

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: 65, cloudy

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 19.78 ft. bmp.

Depth to Water*: 15.62 ft.

Length of Water Column: 4.16 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.7 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:49

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.79	10.75	12.47	5.60	-114.00	5.87	7.33	480	1.004
10	15.79	10.73	12.48	5.80	-115.50	4.59	1.47	480	
15	15.79	10.71	12.49	5.90	-116.30	3.80	1.73	480	
20	15.79	10.77	12.49	6.00	-116.80	3.33	2.11	480	
25	15.79	10.78	12.49	6.00	-117.80	2.90	2.6	480	
30	15.79	10.79	12.49	6.10	-118.00	2.66	2.98	480	
35	15.79	10.57	12.49	6.10	-119.20	2.40	2.96	480	
40	15.79	10.59	12.49	6.20	-119.80	2.15	2.86	480	1.002
45	15.79	10.79	12.48	6.20	-120.80	1.97	2.85	480	
50	15.79	10.83	12.48	6.20	-121.20	1.84	2.69	480	
55	15.79	10.78	12.48	6.20	-121.10	1.73	2.87	480	
60	15.79	10.96	12.48	6.20	-121.30	1.62	2.63	480	
65	15.79	11.01	12.48	6.30	-122.10	1.56	2.8	480	
70	15.79	10.83	12.48	6.30	-122.60	1.49	2.72	480	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:59 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-08 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Cloudy 75

Well information:

Installed Depth of Well: 20.00 ft. bgs.

Measured Depth of Well*: 21.00 ft. bmp.

Depth to Water*: 11.52 ft.

Length of Water Column: 9.48 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.5 gal.

Pump Intake Depth: 15.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 14:01

Initial Observations: *Color:* Slight cloudy *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.56	13.90	6.45	15.40	-115.40	0.07	23.4	480	1.008
10	11.57	13.66	6.45	14.10	-109.70	0.05	17.1	480	
15	11.57	13.81	6.44	13.60	-105.10	0.05	8.98	480	
20	11.57	14.03	6.45	13.20	-104.70	0.04	5.77	480	
25	11.57	14.25	6.45	12.80	-103.00	0.04	6.21	480	
30	11.57	14.29	6.44	12.70	-98.00	0.04	6.15	480	
35	11.57	14.35	6.45	12.50	-95.20	0.04	6.76	480	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:36 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-09 **Sample Time:** 14:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-~~59S~~ 59S

Site Name: SB915 Closure / SCA | Sampling Method: low flow | Field Personnel: AKR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00138 | Weather: overcast 70°

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 21.80 ft. bmp.
Depth to Water*: ~~11.99~~ 11.99 ft
Length of Water Column: 9.81 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1407
Initial Observations: Color: clear w/ some grey Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.95	13.43	6.90	21.90	-90.40	0.11	38.1	480	1.012
10	11.95	13.33	6.88	21.90	-89.90	0.10	24.4	480	1.010
15	11.95	13.29	6.88	21.90	-88.80	0.10	15.8	460	
20	11.95	13.34	6.87	22.00	-87.90	0.09	10.84	460	
25	11.95	13.29	6.87	22.00	-87.30	0.09	9.74	460	
30	11.95	13.38	6.86	21.90	-87.00	0.08	12.8	460	1.010
35	11.95	13.08	6.86	22.10	-85.90	0.09	8.79	460	
40	11.95	13.03	6.85	22.10	-85.60	0.09	5.35	460	
45	11.95	12.98	6.85	22.10	-85.10	0.09	3.69	460	
50	11.95	12.93	6.85	22.10	-84.60	0.08	~~2.47~~ 2.47	460	
55	11.95	12.84	6.85	22.20	-84.70	0.08	1.81	460	1.010
60	11.95	13.02	6.84	22.10	-84.10	0.08	1.84	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

* Pump battery died in/by ~~the~~ these readings. Turb jumped a little

End Purge Time: 1508 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.010

Final Observations: Color: clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0400-10 **Sample Time:** ~~1514~~ 1514

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	~~FA013206~~ FA013206
Turbidity Meter:	LaMotte	2020we	FA 00108
Other:			

Notes: * Pump battery died b/w 25 min and 30 min readings, so turbidity "jumped back up" a little in 30 min reading

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA001324 | Weather: 65, cloudy

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.00 ft. bmp.

Depth to Water*: 5.21 ft.

Length of Water Column: 14.79 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.4 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:24

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.40	15.87	7.24	2.53	76.40	1.17	4.65	500	1.002
10	6.73	16.67	7.33	1.36	81.30	2.35	1.65	500	
15	7.32	16.90	7.31	1.28	85.50	2.15	1.45	500	
20	7.65	17.02	7.30	1.22	88.20	2.13	1.26	500	
25	8.00	17.26	7.31	1.18	91.30	2.33	1.04	500	
30	8.40	17.43	7.30	1.15	92.50	2.13	0.57	500	
35	8.60	17.63	7.29	1.15	94.50	2.07	0.91	450	
40	8.80	17.64	7.29	1.12	93.80	1.98	0.9	450	
45	9.00	17.66	7.28	1.10	92.20	1.86	0.85	450	
50	9.20	17.70	7.27	1.07	97.70	1.80	0.68	400	
55	9.35	17.79	7.28	1.04	102.40	1.77	0.52	350	
60	9.50	18.22	7.28	1.05	101.40	1.74	0.63	350	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:13 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0400-11 **Sample Time:** 14:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01399
Turbidity Meter:	LaMotte	2020we	FA01108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/27/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Rain, 70

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.05 ft. bmp.

Depth to Water*: 3.63 ft.

Length of Water Column: 16.42 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.7 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 8:57

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.42	14.12	6.65	4.50	-86.10	0.12	10.03	500	1.006
10	4.59	14.15	6.66	4.70	-94.30	0.09	3.62	500	
15	4.64	14.07	6.68	4.80	-97.90	0.08	1.87	500	
20	4.73	14.10	6.68	4.90	-100.10	0.07	1.36	500	
25	4.77	14.13	6.68	4.90	-101.90	0.06	1.15	500	
30	4.83	14.24	6.69	4.90	-103.10	0.06	1.26	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:27 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-01 **Sample Time:** 9:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Per. | Date: 7/27/17
Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Clouds/rain 65F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 96.50 ft. bmp.
Depth to Water*: 21.03 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0848
Initial Observations: Color: Cloudy Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	22.61	12.26	6.95	2.97	-20.8	0.10	57.3	300	1.004
10	22.67	12.03	6.93	2.86	-33.9	0.06	14.7	300	
15	22.83	11.75	6.92	2.93	-36.9	0.04	11.9	300	
20	22.92	11.80	6.91	3.01	-37.5	0.04	11.48	300	
25	22.98	11.80	6.90	3.01	-37.7	0.04	7.62	300	
30	23.00	11.75	6.90	3.02	-37.9	0.03	7.25	300	
35	23.02	11.94	6.89	3.01	-38.0	0.03	5.52	300	
40	23.06	11.93	6.89	3.01	-37.9	0.03	5.32	300	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0928 Total volume of groundwater purged: 3 gallon(s). *Specific Gravity:* 1.004
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Field Sample ID: SB915- ~~0408~~ 0401-02 **Sample Time:** 0940

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/27/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: ~70°F Rain

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.10 ft. bmp.

Depth to Water*: 5.19 ft.

Length of Water Column: 14.91 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.4 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 8:52

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.13	15.06	6.32	7.20	-32.10	0.26	15.1	400	1.006
10	6.17	15.39	6.55	4.90	-41.30	0.17	7.25	400	
15	6.17	15.92	6.68	3.00	1.90	0.16	6.04	400	
20	6.17	16.09	6.72	2.80	15.00	0.15	2.27	400	
25	6.17	16.10	6.74	2.50	16.10	0.14	2.26	400	
30	6.17	16.14	6.77	2.20	11.50	0.13	1.43	400	
35	6.17	16.38	6.77	2.00	20.60	0.13	1.28	400	
40	6.17	16.23	6.79	1.80	5.60	0.13	3.98	400	
45	6.17	16.46	6.80	1.60	17.70	0.14	5.89	400	
50	6.17	16.55	6.81	1.40	16.90	0.18	2.13	400	
55	6.17	16.59	6.82	1.30	16.82	0.19	1.56	400	
60	6.17	16.68	6.82	1.30	17.40	0.20	1.30	400	
65	6.17	16.76	6.81	1.30	19.60	0.21	0.88	400	
70	6.17	16.88	6.79	1.20	21.50	0.21	1.02	400	
75	6.17	16.94	6.78	1.20	22.50	0.20	0.79	400	
80	6.17	17.00	6.76	1.20	23.40	0.19	0.93	400	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:15 Total volume of groundwater purged: 9.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-03 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/27/17
Project #: 1163.63443 | Pump/Controller ID#: FAD 2646 | Weather: Rain 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 64.91 ft. bmp.
Depth to Water*: 28.61 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1003
Initial Observations: *Color:* Clear *Odor:* Slight Sulfur *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.62	12.25	7.23	0.89	-58.0	0.18	16.4	320	1.002
10	28.62	12.24	7.21	0.92	-64.3	0.20	13.3	320	
15	28.62	12.09	7.20	0.95	-66.6	0.14	13.9	320	
20	28.62	12.10	7.20	0.97	-67.8	0.14	14.39	320	
25	28.62	11.93	7.19	0.99	-68.2	0.21	11.48	320	
30	28.62	12.12	7.19	1.00	-69.3	0.14	10.27	320	
35	28.62	12.02	7.18	1.02	-69.7	0.15	9.98	320	
40	28.62	12.07	7.18	1.02	-70.5	0.15	9.55	320	
45	28.62	12.21	7.17	1.03	-71.4	0.16	7.35	320	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1048 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-04,05,01 (MS/MSD) **Sample Time:** 1115

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAD 1325
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-03S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/27/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Rain, 70

Well information:

Installed Depth of Well: 24.00 ft. bgs.

Measured Depth of Well*: 26.11 ft. bmp.

Depth to Water*: 7.57 ft.

Length of Water Column: 18.54 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 3.0 gal.

Pump Intake Depth: 16.5 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:53

Initial Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.25	13.06	5.94	50.80	-53.50	0.09	10.57	480	1.030
10	10.33	13.21	6.07	43.60	-65.50	0.07	16.4	480	
15	11.49	13.23	6.08	42.50	-63.20	0.06	28.2	480	
20	11.62	13.29	6.08	41.90	-61.30	0.05	34.6	480	
25	12.04	13.25	6.09	42.70	-62.70	0.05	30.4	480	
30	12.59	13.24	6.11	43.30	-65.60	0.05	20.9	480	
35	13.09	13.16	6.11	44.00	-68.70	0.06	9.99	480	
40	13.54	13.16	6.10	45.50	-70.80	0.06	4.7	480	
45	14.01	13.13	6.10	46.40	-73.10	0.06	3.24	480	
50	14.40	13.02	6.08	47.80	-75.10	0.06	2.87	480	
55	14.83	13.10	6.07	48.70	-77.50	0.06	3.72	480	
60	14.97	13.31	6.05	50.50	-78.90	0.06	4.79	340	
65	15.14	13.35	6.03	52.50	-80.50	0.06	2.34	340	
70	15.27	13.38	6.02	53.90	-82.00	0.06	1.89	320	
75	15.38	13.53	6.01	55.30	-83.40	0.06	3.01	320	
80	15.50	13.47	6.00	56.80	-85.00	0.06	2.08	320	
85	15.63	13.57	6.00	57.30	-86.50	0.05	1.78	320	
90	15.74	13.63	6.00	57.50	-87.80	0.05	1.51	320	1.028
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:24 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.028

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-07,08 (FD) **Sample Time:** 11:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	JWB
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	7/27/2017
Project #:	1163.63443	Pump/Controller ID#:		Weather:	~72°F

Well information:

Installed Depth of Well: 74.80 ft. bgs.
Measured Depth of Well*: 68.90 ft. bmp.
Depth to Water*: 24.10 ft.
Length of Water Column: 44.80 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 7.3 gal.
Pump Intake Depth: 72.3 ft. bgs.

*** Measurement Point:**

[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time: 11:16

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.10	No water in flow through cell yet							
10	24.20	14.79	6.89	1.30	-61.00	0.29	26.1	340	1.002
15	24.20	13.17	6.84	1.50	-57.80	0.15	15.5	340	
20	24.20	13.57	6.84	1.50	-56.90	0.16	12.2	340	
25	24.20	13.86	6.83	1.50	-55.80	0.87	15.3	340	
30	24.20	13.98	6.84	1.50	-55.00	0.66	8.55	340	
35	24.20	14.22	6.82	1.50	-53.60	0.63	6.03	340	
40	24.20	14.77	6.81	1.50	-53.90	1.00	5.86	340	
45	Pump cavotating and lost flow, adjusting flex tubing.								
50	24.28	13.12	6.90	1.00	-34.30	0.60	8.33	500	
55	24.28	11.85	6.80	1.50	-38.20	0.13	6.23	500	
60	24.28	11.78	6.82	1.50	-38.80	0.12	12.5	500	
65	24.28	11.84	6.81	1.50	-38.60	0.11	14.3	500	
70	24.28	11.75	6.80	1.50	-38.00	0.11	7.41	500	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:30 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-09 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 7/27/17
Project #: 1163.63443 | Pump/Controller ID#: FA02691 | Weather: Clouds/Rain 65°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 27.20 ft. bmp.
Depth to Water*: 22.82 ft.
Length of Water Column: 4.38 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 0.714 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1158
Initial Observations: *Color:* Clear *Odor:* NO *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.02	14.14	6.82	1.33	38.8	1.56	23.1	150	1.002
10	24.16	13.89	6.81	1.31	41.2	1.41	11.59	150	
15	24.33	14.31	6.81	1.32	-19.4	1.06	13.20	150	
20	24.52	14.02	6.82	1.33	-45.6	0.85	6.73	150	
25	24.79	13.82	6.83	1.34	-51.3	0.88	4.43	100	
30	25.03	14.08	6.83	1.34	-52.4	0.99	7.13	100	
	Sampling after 3well volumes.								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1228 Total volume of groundwater purged: 2 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-10 **Sample Time:** 1245

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00106
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/27/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Rain, 70

Well information:

Installed Depth of Well: 16.00 ft. bgs.

Measured Depth of Well*: 20.25 ft. bmp.

Depth to Water*: 5.21 ft.

Length of Water Column: 15.04 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.5 gal.

Pump Intake Depth: 11.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:13

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.37	14.74	6.24	41.30	41.80	0.10	8.17	500	1.022
10	8.72	14.83	6.29	36.50	5.70	0.07	9.23	500	
15	9.46	14.75	6.33	35.40	-11.70	0.06	6.71	500	
20	10.03	14.70	6.32	36.60	-12.50	0.06	7.78	500	
25	10.41	14.57	6.28	38.70	-7.90	0.06	7.49	500	
30	10.71	14.56	6.26	40.40	-2.20	0.06	7.33	500	
35	11.02	14.44	6.23	42.00	3.30	0.05	7.97	500	
40	11.18	14.56	6.23	42.60	6.10	0.06	10.02	500	
45	11.29	14.50	6.22	42.60	7.60	0.06	15	500	
50	11.33	14.53	6.22	42.40	8.00	0.06	18.3	500	
55	11.48	14.56	6.22	42.30	8.20	0.05	19.4	500	
60	11.54	14.47	6.22	42.30	7.80	0.05	19.1	500	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:13 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.022

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-11 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/27/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 70°F Rain

Well information:

Installed Depth of Well: 79.80 ft. bgs.

Measured Depth of Well*: 82.05 ft. bmp.

Depth to Water*: 15.20 ft.

Length of Water Column: 66.85 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.9 gal.

Pump Intake Depth: 74.8 ft. bgs.

*** Measurement Point:**

- [ ] Well Casing
- [X] Protective Casing
- [ ] Other:

Start Purge Time: 13:12

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	15.31	12.14	5.97	117.10	12.80	0.15	21.5	420	1.060
10	15.31	12.00	5.92	117.70	11.90	0.12	16.9	420	
15	15.31	12.02	5.91	118.40	11.20	0.11	14.9	420	
20	15.31	12.07	5.91	117.70	10.60	0.11	10.96	420	
25	15.31	12.09	5.90	118.30	10.20	0.10	10.23	420	
30	15.31	11.97	5.91	118.10	9.20	0.10	10.43	420	1.068
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:45 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.068

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0401-12 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: JWB
Site Location: Camillus, NY | Pump Type Used: | Date: 7/27/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well: 37.00 ft. bgs.
Measured Depth of Well*: 39.40 ft. bmp.
Depth to Water*: 33.06 ft.
Length of Water Column: 6.34 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 1.0 gal.
Pump Intake Depth: 32.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: FA026461 | Weather: 70, sun + clouds

Well information:

Installed Depth of Well: 14.00 ft. bgs.

Measured Depth of Well*: 15.35 ft. bmp.

Depth to Water*: 3.92 ft.

Length of Water Column: 11.43 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.9 gal.

Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 8:45

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.60	16.22	11.92	17.84	-253.10	0.05	2.49	500	1.008
10	4.62	16.24	11.94	17.88	-278.80	0.03	2.63	500	
15	4.62	16.28	11.94	17.76	-292.90	0.02	5.24	500	
20	4.62	16.51	11.93	17.69	-301.00	0.02	7.42	500	
25	4.62	16.53	11.93	17.74	-306.20	0.01	8.48	500	
30	4.62	16.58	11.93	17.82	-309.50	0.01	8.2	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:15 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-01 **Sample Time:** 9:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-01S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/28/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sunny 70°

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 20.05 ft. bmp.
Depth to Water*: 7.77 ft.
Length of Water Column: 12.28 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0823
Initial Observations: Color: Clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.54	14.07	6.53	28.20	-9.30	0.17	15.4	400	1.016
10	8.85	14.67	6.53	27.30	-25.70	0.14	15.4	400	1.014
15	9.32	14.93	6.64	24.40	-61.80	0.13	4.07	400	
20	9.90	14.97	6.68	23.40	-63.60	0.14	3.90	400	
25	10.23	15.06	6.69	22.40	-56.60	0.25	3.63	420	
30	10.60	15.15	6.70	21.60	-55.80	0.23	3.44	380	1.010
35	10.95	15.11	6.73	20.00	-58.80	0.18	2.92	320	
40	11.27	15.11	6.73	19.50	-54.40	0.15	4.82	320	1.010
45	11.50	15.20	6.70	20.30	-51.50	0.14	5.87	320	
50	11.94	15.11	6.66	21.70	-47.90	0.14	6.56	320	
55	12.20	15.13	6.61	23.60	-42.70	0.16	4.98	280	1.012
60	12.30	15.05	6.57	25.00	-37.50	0.15	4.22	280	
65	12.43	15.06	6.54	25.80	-34.10	0.15	3.82	260	1.012
70	12.62	15.02	6.52	26.40	-30.70	0.14	3.04	260	
75	12.82	14.88	6.51	26.60	-28.80	0.14	2.87	260	
80	12.93	14.83	6.50	26.80	-26.80	0.14	2.61	260	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0945 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0402-02 **Sample Time:** 0954

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: * Start Flow rate low (in 200's) and it may stabilize faster.

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 70, sun + clouds

Well information:

Installed Depth of Well: 20.00 ft. bgs.

Measured Depth of Well*: 18.12 ft. bmp.

Depth to Water*: 4.52 ft.

Length of Water Column: 13.60 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.2 gal.

Pump Intake Depth: 15.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:41

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.43	16.51	11.09	16.39	-258.20	0.04	7.02	500	1.008
10	5.64	16.42	11.07	16.44	-266.40	0.03	3.3	500	
15	5.71	16.29	11.07	16.42	-269.00	0.03	3.63	500	
20	5.75	16.20	11.10	16.46	-271.90	0.01	3.26	500	
25	5.81	16.60	11.11	16.43	-275.40	0.01	2.59	500	
30	5.83	16.66	11.13	16.49	-275.80	0.01	3.41	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:11 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Field Sample ID: SB915-0402-03 **Sample Time:** 10:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-113S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 75°F Sunny

Well Information:

Installed Depth of Well: 28.00 ft. bgs.

Measured Depth of Well*: 29.35 ft. bmp.

Depth to Water*: 9.95 ft.

Length of Water Column: 19.40 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 3.2 gal.

Pump Intake Depth: 23.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:03

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.85	13.45	6.67	18.90	-242.90	0.08	13.16	420	1.010
10	14.80	12.95	6.61	18.30	-334.50	0.03	13.19	420	
15	16.06	12.99	6.52	21.60	-338.00	0.01	16*	420	
20	16.45	12.69	6.50	22.50	-302.50	0.01	10*	420	
25	16.80	12.74	6.51	23.80	-237.90	0.01	7*	420	
30	17.05	12.70	6.51	23.80	-206.00	0.01	29*	420	
35	17.18	12.93	6.52	24.30	-193.50	0.01	7*	420	
40	17.22	12.77	6.52	24.70	-179.70	0.01	**	420	
45	17.20	12.71	6.52	24.90	-168.10	0.01	**	420	
50	17.25	12.75	6.52	24.80	-164.10	0.01	**	420	
55	17.32	12.69	6.51	24.80	-161.30	0.01	**	420	
60	17.32	12.72	6.50	24.90	-160.70	0.01	**	420	
65	17.43	13.20	6.50	24.90	-162.50	0.01	**	420	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:11 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Light White *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-04 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: *White precipitate in water

**Moisture built up in turbidity meter, not working properly

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Low Flow Groundwater Sampling Log

Well ID: SB915_WB-07A

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: peristaltic | Date: 7/28/17
Project #: 1163.63443 | Pump/Controller ID#: FA 01324 | Weather: partly Sunny 70°

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 55.71 ft. bmp.
Depth to Water*: 8.65 ft.
Length of Water Column: 47.06 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1026
Initial Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.65	13.98	6.76	20.20	-38.70	0.14	3.33	460	1.010
10	8.65	13.78	6.74	20.20	-36.50	0.12	2.14	480	
15	8.65	13.73	6.73	20.30	-35.20	0.12	2.65	480	
20	8.65	13.75	6.72	20.30	-33.90	0.11	1.59	480	
25	8.65	13.74	6.72	20.30	-33.20	0.12	1.37	480	1.010
30	8.65	13.75	6.72	20.30	-32.00	0.11	1.30	480	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1103 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0402-05 **Sample Time:** 1110

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01326
Turbidity Meter:	LaMotte	2020we	FA 0111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun, 75

Well information:

Installed Depth of Well: 16.00 ft. bgs.

Measured Depth of Well*: 17.84 ft. bmp.

Depth to Water*: 8.62 ft.

Length of Water Column: 9.22 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.5 gal.

Pump Intake Depth: 11.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 10:41

Initial Observations: *Color:* Black *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.01	17.99	7.50	5.14	-161.90	0.07	618	500	1.002
10	9.53	16.49	7.12	5.44	-152.10	0.05	9.83	500	
15	9.81	16.73	7.00	5.48	-145.30	0.06	11.4	500	
20	10.04	16.38	6.98	5.61	-142.80	0.04	12.6	500	
25	10.17	16.11	7.03	5.64	-139.40	0.03	12	500	
30	10.23	15.93	7.09	5.68	-136.30	0.05	12.5	500	
35	10.28	15.68	7.12	5.76	-133.90	0.06	11.8	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:16 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-06 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA02646
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 75°F

Well information:

Installed Depth of Well: 74.00 ft. bgs.

Measured Depth of Well*: 74.00 ft. bmp.

Depth to Water*: 6.05 ft.

Length of Water Column: 67.95 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 11.1 gal.

Pump Intake Depth: 69.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:55

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.08	13.79	6.69	81.10	-158.30	0.06	1121	500	1.020
10	6.08	13.50	6.79	82.30	-134.30	0.05	76	500	
15	6.08	13.50	6.82	83.10	-116.50	0.04	78.6	500	
20	6.08	13.25	6.82	82.80	-103.00	0.03	45.7	500	
25	6.08	13.25	6.84	83.00	-92.70	0.03	28.1	500	
30	6.08	13.23	6.85	83.20	-82.70	0.03	25.9	500	
35	6.08	13.15	6.85	83.10	-74.70	0.03	22.5	500	
40	6.08	13.16	6.85	83.10	-69.60	0.03	19.5	500	
45	6.08	13.29	6.85	83.30	-63.10	0.03	17.4	500	
50	6.08	13.29	6.84	83.30	-57.30	0.03	11.7	500	
55	6.08	13.24	6.87	83.40	-53.60	0.02	12.07	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:52 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.046

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-07 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L (07L)

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/28/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sunny 74

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 79.64 ft. bmp.
Depth to Water*: 9.75 ft.
Length of Water Column: 69.89 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1137
Initial Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.83	13.43	6.80	85.60	-3.80	0.12	NA*	460	1.048
10	9.85	13.87	6.57	84.90	-28.50	0.12	NA*	480	
15	9.84	13.72	6.48	85.50	-24.80	0.11	1.30	480	
20	9.84	13.75	6.44	85.50	-21.90	0.10	1.59	500	
25	9.84	13.54	6.42	85.70	-19.60	0.10	0.73	500	
30	9.84	13.57	6.41	85.50	-18.40	0.10	0.85	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1210 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.046
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0402-08 **Sample Time:** 1216

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 01326
Turbidity Meter:	LaMotte	2020we	FA 0111
Other:			

Notes: * Turbidity Meter overheated and shut down. (in sun)

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun, 75

Well information:

Installed Depth of Well: 25.00 ft. bgs.

Measured Depth of Well*: 26.35 ft. bmp.

Depth to Water*: 17.31 ft.

Length of Water Column: 9.04 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.5 gal.

Pump Intake Depth: 20.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:49

Initial Observations: *Color:* Tan *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.33	13.58	6.75	26.67	-62.70	0.06	690	480	1.012
10	17.33	13.12	6.74	26.90	-65.50	0.04	108	480	
15	17.33	12.94	6.73	26.86	-66.40	0.02	23.6	480	
20	17.33	12.94	6.72	26.79	-67.20	0.02	14.1	480	
25	17.33	12.86	6.72	26.70	-68.00	0.02	12.4	480	
30	17.33	12.99	6.71	26.83	-68.60	0.02	11.3	480	
35	17.33	13.02	6.71	26.81	-69.20	0.01	9.04	480	
40	17.33	12.83	6.70	26.84	-69.90	0.01	9.64	480	1.012
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:29 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.012

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-09 **Sample Time:** 12:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun 75

Well information:

Installed Depth of Well: 63.00 ft. bgs.

Measured Depth of Well*: 61.80 ft. bmp.

Depth to Water*: 18.12 ft.

Length of Water Column: 43.68 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 7.1 gal.

Pump Intake Depth: 58.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:45

Initial Observations: *Color:* Slight cloudy *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.16	13.96	6.39	95.52	-45.40	0.05	36.3	500	1.050
10	18.16	13.87	6.38	96.37	-49.40	0.03	28.4	500	
15	18.16	13.78	6.39	96.45	-51.70	0.02	18.4	500	
20	18.16	13.69	6.39	96.66	-53.40	0.02	12.7	500	
25	18.16	13.54	6.38	96.94	-54.10	0.02	10.4	500	
30	18.16	13.84	6.38	96.51	-54.60	0.02	9.4	500	
35	18.16	13.94	6.37	96.91	-55.10	0.02	9.6	500	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:20 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.052

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-10 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/31/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sun 70

Well information:

Installed Depth of Well: 74.00 ft. bgs.

Measured Depth of Well*: 73.65 ft. bmp.

Depth to Water*: 7.92 ft.

Length of Water Column: 65.73 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.7 gal.

Pump Intake Depth: 69.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 8:29

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.92	14.40	5.92	72.84	43.40	0.06	3.25	500	1.038
10	7.92	13.86	6.02	83.48	11.30	0.04	20.6	500	
15	7.92	13.58	6.05	86.91	3.30	0.03	10.46	500	
20	7.92	13.60	6.05	87.12	0.40	0.03	6.27	500	
25	7.92	13.58	6.05	86.99	-1.20	0.02	5.21	500	
30	7.92	13.53	6.05	87.18	-1.80	0.02	5.55	500	1.046
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 8:59 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.046

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0403-01 **Sample Time:** 9:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/31/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sun 75

Well information:

Installed Depth of Well: 15.00 ft. bgs.

Measured Depth of Well*: 18.65 ft. bmp.

Depth to Water*: 10.06 ft.

Length of Water Column: 8.59 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.4 gal.

Pump Intake Depth: 10.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:24

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.08	14.45	11.63	35.06	-221.50	0.01	15.8	340	1.016
10	11.69	14.34	11.65	34.59	-226.60	0.01	10.62	340	
15	12.94	14.25	11.63	33.86	-223.30	0.08	10.28	340	
20	14.08	14.22	11.59	33.92	-214.70	0.26	15.6	340	
25	14.13	16.87	11.47	33.65	-213.50	0.37	17.6	150	
30	14.35	16.75	11.44	34.08	-212.80	0.29	18	150	
35	14.56	17.30	11.40	33.88	-212.90	0.19	17.3	150	
40	14.60	17.59	11.36	34.97	-217.00	0.11	19.7	150	
45	14.62	18.05	11.32	35.08	-200.40	0.97	19.6	150	
50	14.72	16.87	11.38	33.91	-205.10	0.55	25.8	150	
55	15.12	15.93	11.35	35.24	-226.00	0.01	30.1	120	
60	15.32	16.15	11.32	35.46	-246.40	0.00	32.4	110	
65	15.53	16.07	11.30	35.57	-255.90	0.00	29.6	110	
70	15.65	16.56	11.28	35.74	-270.10	0.00	25.8	100	
75	15.78	16.38	11.27	35.50	-276.70	0.00	30.7	100	
80	15.84	16.56	11.26	35.57	-283.20	0.00	25.1	100	
85	15.88	16.51	11.24	35.22	-285.60	0.00	24.5	100	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:49 Total volume of groundwater purged: 4.0 gallon(s). *Specific Gravity:* 1.014

Final Observations: *Color:* Slight tan *Odor:* Waste *Sheen/Free Product:* No

Field Sample ID: SB915-0403-02 **Sample Time:** 11:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AEK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/31/17
Project #: 1163.63443 | Pump/Controller ID#: FA 02646 | Weather: Sunny 75°

Well Information:

Installed Depth of Well*: _____ ft. bmp.
59.40 Measured Depth of Well*: 59.40 ft. bmp. * 7/31/17
Depth to Water*: 3.09 ft. (3.15 w/o tubing)
Length of Water Column: 56.31 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0854

Initial Observations: Color: murky gray w/ tint of red/pink Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm))	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.40	15.54	6.36	51.90	-12.40	0.18	726	320	1.024
10	3.41	15.29	6.34	52.10	-14.00	0.16	729	320	1.030
15	3.41	15.11	6.33	52.30	-14.60	0.15	1162 AM	320	
20	3.41	14.99	6.33	52.30	-14.00	0.14	1292 AM	320	
25	3.41	14.84	6.32	52.40	-13.50	0.13	1211 AM	320	
30	3.45	14.79	6.32	52.70	-13.50	0.13	1109 AM	320	[redacted]
35	3.45	14.79	6.32	52.80	-13.10	0.12	943 AM	320	1.026
40	3.44	14.75	6.32	52.90	-12.70	0.12	804 AM	320	
45	3.44	14.70	6.32	52.80	-12.30	0.12	695 AM	320	
50	3.44	14.61	6.32	52.80	-11.80	0.12	212 AM	320	
55	3.44	14.63	6.31	53.00	-11.90	0.11	159 NTU	320	
60	3.44	14.66	6.32	53.00	-11.60	0.11	132	320	
65	3.44	14.51	6.32	53.10	-11.20	0.11	108.5	320	
70	3.44	14.52	6.32	53.00	-10.60	0.11	73.3	320	
75	3.44	14.66	6.32	53.00	-11.10	0.11	67.8	320	
80	3.44	14.57	6.32	53.10	-10.50	0.10	58.9	320	
85	3.44	14.70	6.32	53.30	-10.30	0.10	50.9	320	
90	3.44	14.60	6.32	53.00	-9.90	0.10	47.7	320	
95	3.46	14.48	6.32	53.30	-9.40	0.10	27.6	320	1.026
100	3.44	14.39	6.32	53.10	-9.10	0.10	25.9	320	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

(circle units)

End Purge Time: 1100 Total volume of groundwater purged: 10.5 gallon(s). *Specific Gravity:* 1.026

Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0403-03 **Sample Time:** 1111

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: * Measured on 7/31/17.

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: AHK | Date: 7/31/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	3.44	14.46	6.32	53.20	-9.00	0.10	25.3	320	
@ 110	3.44	14.57	6.32	53.50	-9.00	0.10	17.1	320	1.026
115	3.44	14.33	6.32	53.20	-8.50	0.09	16.6	320	
~~120~~									
~~125~~									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/31/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sun 80

Well information:

Installed Depth of Well: 77.50 ft. bgs.

Measured Depth of Well*: 79.70 ft. bmp.

Depth to Water*: 12.53 ft.

Length of Water Column: 67.17 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.9 gal.

Pump Intake Depth: 72.5 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 12:44

Initial Observations: *Color:* Light brown *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.53	13.74	7.04	105.47	-163.50	0.05	72.7	500	1.060
10	12.53	13.54	6.92	107.06	-152.20	0.03	38.5	500	
15	12.53	13.21	6.84	107.10	-143.10	0.03	39.6	500	
20	12.53	13.26	6.79	107.36	-131.90	0.02	29.9	500	
25	12.53	13.25	6.76	107.22	-122.50	0.02	25.1	500	
30	12.53	13.14	6.73	105.91	-117.20	0.02	19.6	500	
35	12.53	13.19	6.73	106.68	-114.70	0.02	16	500	
40	12.53	13.17	6.72	107.09	-111.90	0.02	13	500	
45	12.53	13.31	6.70	107.09	-109.50	0.02	12.3	500	
50	12.53	13.08	6.69	107.01	-107.10	0.02	11.4	500	1.058
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:34 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.058

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0403-04,05,06 (MS/MSD) **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR**

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 7/31/17

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sunny 80°

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 130.6 ft. bmp.

Depth to Water*: ~~[illegible] 3.30~~ ft. (4.15 w/ tubing)

Length of Water Column: 127.3 ft.

Well Volume Multipliers: 2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1216

Initial Observations: *Color:* Cloudy whitish *Odor:* no *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.19	14.62	6.62	196.70	-38.70	0.15	138	400	1.124
10	7.19	14.40	6.67	195.50	-38.30	0.13	94.8	400	
15	7.19	14.22	6.64	193.70	-27.60	0.12	91.3	400	1.124
20	7.19	14.30	6.62	191.90	-24.00	0.12	94.5	380	
25	7.19	14.21	6.61	193.30	-23.50	0.11	74.8	380	1.120
30	7.19	14.12	6.60	192.00	-23.20	0.10	72.3	340	
35	7.19	14.40	6.60	192.30	-23.70	0.10	75.6	340	
40	7.19	14.38	6.60	192.50	-23.10	0.10	48.8	320	
45	7.19	14.41	6.59	193.10	-22.70	0.09	29.7	320	1.120
50	7.19	14.28	6.59	189.70	-22.20	0.09	37.4	300	
55	7.19	14.34	6.59	193.20	-21.90	0.09	58.7	300	
60	7.19	14.34	6.59	194.60	-21.90	0.09	44.0	300	
65	7.19	14.49	6.59	193.30	-22.00	0.08	53.2	300	
70	7.19	14.47	6.58	192.70	-21.70	0.08	30.6	300	
75	7.19	14.52	6.58	193.80	-22.20	0.08	42.9	300	
80	7.19	14.34	6.58	193.10	-21.60	0.08	31.6	300	
85	7.19	14.39	6.58	194.30	-21.50	0.08	40.2	300	
90	7.19	14.47	6.58	194.00	-21.50	0.08	37.1	300	
95	7.19	14.58	6.58	195.20	-21.50	0.08	26.9	300	
100	7.19	14.57	6.58	191.70	-21.10	0.08	12.4	300	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1400~~ 1430 Total volume of groundwater purged: 11.5 gallon(s). *Specific Gravity:* 1.120

Final Observations: *Color:* Clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0403-07 (DUP) and SB915-0403-08 **Sample Time:** 1451

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: ** Need weights to get peri tubing down well.

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-142R

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: AKK

Site Location: Camillus, NY | Pump Type Used: | Date: 7/31/17

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well Information:

Installed Depth of Well*: ft. bmp.

Measured Depth of Well*: ft. bmp.

Depth to Water*: ft.

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
105	7.19	14.49	6.58	192.50	-20.80	0.08	30.1	300	
110	7.19	14.66	6.57	192.80	-20.60	0.07	25.0	300	
115	7.19	14.51	6.57	188.90	-20.20	0.08	26.2	300	
120	7.19	14.72	6.57	192.80	-20.70	0.07	20.1	300	
125	7.19	14.52	6.57	193.10	-21.10	0.07	19.2	300	1.12
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1430 Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09U

Site Name: SB915 Closure / SCA | Sampling Method: Purge and Sample | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 7/28/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 75° Sunny

Well information:

Installed Depth of Well: 20.00 ft. bgs.

Measured Depth of Well*: 14.35 ft. bmp.

Depth to Water*: 9.65 ft.

Length of Water Column: 4.70 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.8 gal.

Pump Intake Depth: 15.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:15

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.32	17.60	6.19	2.20	-59.70	0.78	6.04	200	1.000
10	12.79	16.58	6.35	5.00	-116.10	0.91	11.04	150	
15	13.07	16.50	6.44	7.80	-202.70	0.29	12.50	150	
20	13.90	16.63	6.48	7.90	-210.20	5.60*	4.00	120	
25	14.20	15.97	6.40	9.00	-200.50	1.67	3.7	120	
30	**Well went dry								
7/31/17	9.82	Purging dry							
8:00									
8/1/17	9.83	18.36	10.93	9.47	-170.30	1.81	10.13	NA	1.006
8:45									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: SB915-0404-01 **Sample Time:** 9:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: *Water level dropped below tubing in well and air bubbles got into flow through cell

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/1/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00804/FA01038 | Weather: 75°F Sunny

Well information:

Installed Depth of Well: 113.00 ft. bgs.

Measured Depth of Well*: 114.75 ft. bmp.

Depth to Water*: 14.35 ft.

Length of Water Column: 100.40 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 16.4 gal.

Pump Intake Depth: 108.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:00

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.90	13.27	6.86	175.50	-3.00	0.27	12.7	500	1.104
10	22.10	13.20	6.88	175.20	22.00	0.15	6.78	500	
15	24.60	13.01	6.90	175.60	-28.10	0.12	4.22	500	
20	28.50	12.97	6.90	175.40	-25.70	0.10	4.26	500	
25	31.20	13.06	6.91	174.70	-38.80	0.09	6.27	500	
30	34.40	13.20	6.91	174.90	-32.80	0.08	4.57	500	
35	37.05	13.09	6.91	174.30	-39.80	0.07	3.76	500	
40	39.70	13.20	6.91	174.10	-43.00	0.07	3.91	500	
45	42.45	13.22	6.91	173.60	-47.10	0.07	3.57	500	1.106
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:47 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.106

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0404-02 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1115

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/1/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sunny 80's

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: ~~8.70~~ ft. bmp. 24.35
Depth to Water*: 8.10 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0850

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.18	13.38	6.19	72163.40	-85.20	0.13	10.23	500	1.042
10	9.18	12.77	6.21	70760.20	-86.20	0.11	141.0	500	
15	9.17	12.61	6.33	57946.40	-95.40	0.11	1250 AU	500	
20	9.06	12.65	6.42	44262.80	-101.20	0.11	146.0	500	
25	9.06	12.55	6.50	43569.60	-106.20	0.11	97.4	500	
30	9.06	12.51	6.55	39140.00	-109.60	0.11	63.3	500	
35	9.06	12.56	6.60	35755.30	-111.80	0.11	42.9	500	
40	9.06	12.47	6.62	34081.20	-112.10	0.11	35.3	500	
45	9.06	12.48	6.63	33108.60	-113.00	0.11	32.0	500	
50	9.06	12.51	6.66	32155.80	-114.20	0.11	23.5	500	
55	9.06	12.49	6.68	29587.70	-114.60	0.11	20.7	500	
60	9.06	12.47	6.70	28943.30	-115.20	0.11	18.6	500	
65	9.06	12.32	6.69	29004.80	-114.90	0.11	17.6	500	
70	9.06	12.35	6.72	26725.50	-115.90	0.11	14.7	500	1.018
75	9.06	12.58	6.69	28980.10	-114.10	0.11	15.7	500	
80	9.06	12.66	6.71	27.848.30	-114.40	0.11	17.2	500	
85	9.06	12.75	6.73	25949.8	-116.10	0.11	19.0	500	
90	9.06	12.55	6.75	24658.00	-116.30	0.11	18.9	500	
95	9.06	12.32	6.75	24733.40	-115.90	0.11	17.3	500	
100	9.06	12.41	6.76	24041.40	-116.50	0.11	16.6	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1055~~ 1030 Total volume of groundwater purged: 15 gallon(s). *Specific Gravity:* 1.018

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0404-03 **Sample Time:** 1040

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 8/1/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun, 80

Well Information:

Installed Depth of Well: 14.00 ft. bgs.

Measured Depth of Well*: 15.64 ft. bmp.

Depth to Water*: 2.98 ft.

Length of Water Column: 12.66 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.1 gal.

Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:54

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.27	14.66	11.74	32.70	-117.20	0.03	4.69	500	1.014
10	3.27	14.71	11.77	32.70	-135.80	0.01	5.72	500	
15	3.27	14.60	11.78	32.70	-148.10	0.01	3.71	500	
20	3.27	14.51	11.79	32.90	-157.10	0.00	2.9	500	
25	3.27	14.71	11.78	33.10	-166.20	0.00	2.06	500	
30	3.27	14.67	11.78	33.00	-173.50	0.00	1.92	500	
35	3.27	14.67	11.78	32.90	-179.60	0.00	2.31	500	
40	3.27	14.64	11.79	32.90	-185.30	0.00	1.3	500	
45	3.27	14.60	11.79	33.00	-190.60	0.00	0.89	500	
50	3.27	14.48	11.80	32.80	-195.00	0.00	0.63	500	1.014
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:44 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.014

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0404-04 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 8/1/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 80°F Sunny

Well Information:

Installed Depth of Well: 20.00 ft. bgs.

Measured Depth of Well*: 20.22 ft. bmp.

Depth to Water*: 13.52 ft.

Length of Water Column: 6.70 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.1 gal.

Pump Intake Depth: 15.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:41

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	14.72	17.12	10.61	7.80	39.20	4.02	10.35	160	1.004
10	14.82	15.96	10.60	8.10	32.40	3.76	7.04	160	
15	15.10	15.28	10.64	8.10	28.40	3.46	4.22	160	
20	15.20	15.02	10.62	8.10	27.20	3.41	3.42	160	
25	15.30	15.37	10.60	8.10	25.60	3.23	2.91	160	
30	15.50	15.24	10.58	8.10	19.20	3.12	3.78	160	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:14 Total volume of groundwater purged: 1.5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0402-05 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/1/17
Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sunny 80's

Well Information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 65.7 ft. bmp.
Depth to Water*: 8.40 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1055

Initial Observations: *Color:* Cloudy/grey *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.45	13.41	6.49	81.60	-37.20	0.16	54.1	500	1.050
10	8.45	13.12	6.47	81.70	-32.20	0.13	17.1	500	
15	8.45	13.04	6.47	81.30	-32.40	0.13	7.3	500	
20	8.45	13.06	6.46	81.10	-32.40	0.11	6.04	500	
25	8.45	13.10	6.46	81.00	-32.70	0.12	2.89	500	
30	8.45	13.21	6.46	81.40	-33.80	0.11	2.96	500	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1125 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.044

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0404-01 **Sample Time:** 1135

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JWB

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 8/1/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 80°F Sunny

Well Information:

Installed Depth of Well: 60.00 ft. bgs.

Measured Depth of Well*: 58.55 ft. bmp.

Depth to Water*: 16.32 ft.

Length of Water Column: 42.23 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 6.9 gal.

Pump Intake Depth: 55.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:45

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.38	13.93	6.31	76.70	22.60	0.09	29.6	500	1.040
10	16.38	13.93	6.31	76.80	16.90	0.03	27.2	500	
15	16.38	13.75	6.31	76.50	14.20	0.02	16.7	500	
20	16.38	13.75	6.30	76.20	12.80	0.02	15.15	500	
25	16.38	13.75	6.29	75.50	13.90	0.02	10.89	500	
30	16.38	13.70	6.29	75.40	14.20	0.01	7.08	500	
35	16.38	13.65	6.29	75.00	15.20	0.01	5.16	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:19 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0404-07 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 8/1/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun 80

Well Information:

Installed Depth of Well: 53.00 ft. bgs.

Measured Depth of Well*: 54.40 ft. bmp.

Depth to Water*: 16.22 ft.

Length of Water Column: 38.18 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 6.2 gal.

Pump Intake Depth: 48.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:08

Initial Observations: *Color:* Clear *Odor:* Sulfur/waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.84	14.72	7.20	32.00	-84.20	0.28	11.6	480	1.016
10	20.64	14.22	6.94	33.30	-92.70	0.77	14.1	480	
15	21.67	14.31	6.89	34.70	-108.00	0.62	26.6	480	
20	22.31	14.10	6.90	34.70	-118.80	0.39	31.3	480	
25	22.66	14.35	6.86	33.20	-119.90	0.25	24.9	480	
30	22.90	14.22	6.81	30.80	-115.30	0.20	20	480	
35	23.04	14.15	6.77	28.90	-108.10	0.25	12.5	480	
40	23.13	14.39	6.73	27.40	-102.10	0.31	9.87	480	
45	23.19	14.26	6.70	26.70	-94.80	0.46	7.13	480	1.012
50	23.19	14.29	6.69	25.80	-93.10	0.30	4.57	480	
55	23.20	14.21	6.68	25.20	-91.40	0.30	3.67	480	
60	23.22	14.25	6.68	24.40	-90.60	0.26	3.07	480	
65	23.24	14.31	6.67	24.00	-88.70	0.29	2.23	480	
70	23.26	14.32	6.67	23.60	-87.30	0.27	1.98	480	
75	23.27	14.31	6.67	23.00	-86.60	0.25	1.86	480	1.010
80	23.28	14.35	6.67	22.50	-86.70	0.19	1.56	480	
85	23.28	14.35	6.66	22.50	-85.50	0.23	1.1	480	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:34 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0404-08 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: PMR

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 8/1/17

Project #: 1163.63443 | Pump/Controller ID#: FA01324 | Weather: Sunny 80's

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 99.15 ft. bmp.

Depth to Water*: 8.72 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☑ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1155

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.75	13.48	6.34	119.70	-29.20	0.09	3.45	500	1.070
10	8.75	13.25	6.36	120.30	-31.50	0.08	3.53	500	
15	8.75	13.36	6.33	121.00	-29.10	0.07	5.69	500	
20	8.75	13.34	6.32	121.50	-27.30	0.07	5.77	500	
25	8.75	13.14	6.32	121.70	-27.60	0.06	4.78	500	
30	8.75	12.80	6.33	122.50	-28.60	0.06	3.45	500	
35	8.75	12.93	6.34	122.00	-29.40	0.06	3.67	500	1.072
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.072

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0404-09 **Sample Time:** 1235

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA0111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1113R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/1/17
Project #: 1163.63443 | Pump/Controller ID#: FAO1080 | Weather: Sunny 80's

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 142.75 ft. bmp.
Depth to Water*: 13.76 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1327
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.1	12.97	6.10	178.10	-23.90	0.12	20.4	500	1.120
10	21.44	13.05	6.12	164.50	-28.00	0.11	21.8	500	
15	24.8	13.10	6.12	177.90	-29.50	0.09	20.7	500	
20	27.7	13.04	6.12	176.50	-30.20	0.09	10.37	500	
25	29.46	12.89	6.13	176.00	-30.40	0.09	19.4	500	
30	31.92	12.94	6.13	178.30	-30.70	0.09	25.3	500	
35	34.51	12.99	6.13	178.00	-31.00	0.08	8.57	500	
40	36.17	12.98	6.13	177.50	-30.90	0.08	~~27.45~~	500	
45	38.31	13.02	6.13	177.60	-30.70	0.09	8.56	500	1.122
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1414 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.122
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0404-010 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO1326
Turbidity Meter:	LaMotte	2020we	FAO111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/2/17
Project #: 1163.63443 | Pump/Controller ID#: FAD 2646 | Weather: 80°F Cloudy

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 64.75 ft. bmp.
Depth to Water*: 19.10 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0815

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.11	13.10	6.11	83.30	-27.10	0.14	16.7	500	1.045
10	19.11	12.88	6.13	82.80	-23.5	0.06	14.4	500	
15	19.11	12.72	6.15	86.40	-16.4	0.07	11.5	500	
20	19.11	12.80	6.14	82.50	-16.2	0.04	8.62	500	
25	19.11	12.93	6.14	83.5	-14.2	0.04	9.40	500	
30	19.11	13.06	6.14	83.2	-12.3	0.04	5.83	500	
35	19.11	13.25	6.14	83.2	-9.9	0.03	4.63	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0850 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.045

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0405-01 **Sample Time:** ~~1010~~ 0905

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAD11108
Turbidity Meter:	LaMotte	2020we	FAD0108
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	8/2/2017
Project #:	1163.63443	Pump/Controller ID#:		Weather:	Sun 75

Well information:

Installed Depth of Well: 45.00 ft. bgs.
Measured Depth of Well*: 46.96 ft. bmp.
Depth to Water*: 41.18 ft.
Length of Water Column: 5.78 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.9 gal.
Pump Intake Depth: 40.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:02

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* Slight sheen

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	42.93	11.96	11.91	7.70	19.20	1.51	6.6	500	1.002
10	43.59	11.47	12.00	7.60	7.30	1.59	2.74	320	
15	44.02	11.48	12.07	7.60	-0.50	1.51	1.3	260	
20	44.24	11.78	12.11	7.60	-6.70	1.46	0.84	200	
25	44.38	11.84	12.14	7.70	-11.70	1.47	0.87	200	
30	44.51	11.88	12.17	7.70	-15.30	1.53	0.56	200	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:32 Total volume of groundwater purged: 3.0 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* Slight sheen

Field Sample ID: SB915-0405-02 **Sample Time:** 9:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AFK
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA01080 | Weather: Sunny 65

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 123.85 ft. bmp.
Depth to Water*: 67.35 ft.
Length of Water Column: 56.5 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0840
Initial Observations: Color: Cloudy - light gray Odor: none Sheen/Free Product: none

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	67.35	11.45	7.28	1.30	-64.90	0.43	880 AU	500	1.006
10	67.37	11.30	7.26	1.30	-66.70	0.33	603 AU	460	1.004
15	67.40	11.22	7.26	1.40	-66.50	0.26	114 NTU	460	[illegible]
20	67.40	11.20	7.25	1.50	-66.50	0.23	123	460	1.000
25	67.40	11.13	7.24	1.50	-64.60	0.20	80.5	460	
30	67.40	11.13	7.24	1.50	-63.20	0.18	65.5	460	
35	67.40	11.09	7.23	1.50	-61.20	0.17	65.6	480	1.002
40	67.40	11.05	7.23	1.60	-60.70	0.16	50.0	500	
45	67.40	11.18	7.22	1.60	-58.20	0.16	43.5	500	
50	67.40	11.12	7.22	1.60	-57.20	0.15	38.1	500	
55	67.40	11.18	7.21	1.60	-55.70	0.15	37.0	500	
60	67.35	11.21	7.22	1.60	-54.90	0.15	30.7	500	1.000
65	67.35	11.38	7.20	1.60	-53.00	0.15	27.1	500	
70	67.37	11.36	7.21	1.60	-52.30	0.14	26.2	500	
75	67.37	11.30	7.21	1.60	-50.80	0.14	25.6	500	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0957 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* none *Sheen/Free Product:* none

Field Sample ID: SB915-0405-03 **Sample Time:** 1005

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 8/2/17

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: Sun 80°F

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 122.34 ft. bmp.

Depth to Water*: 20.02 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 0940

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	20.12	14.61	6.15	112.8	-10.5	0.08	3.03	500	1.048
10	20.12	15.23	6.10	120.7	12.7	0.07	3.25	500	
15	20.12	15.44	5.97	123.6	11.8	0.06	1.53	500	
20	20.12	15.73	5.94	123.9	10.7	0.05	2.74	500	
25	20.12	15.96	5.93	123.9	-3.8	0.06	3.26	500	
30	20.12	16.05	5.96	124.8	-18.6	0.05	3.13	500	
35	20.12	16.04	5.97	124.9	-22.7	0.05	2.22	500	
40	20.12	16.12	5.97	123.9	-26.1	0.05	2.34	500	
45	20.12	15.82	5.98	124.6	-23.3	0.04	1.96	500	
50	20.12	16.21	5.92	125.2	-23.9	0.04	3.18	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1030 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.048

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0405-04 **Sample Time:** 1045

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AFK
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA01080 | Weather: Sunny 80°

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 46.23 ft.
Length of Water Column: 26.95 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1056
Initial Observations: Color: cloudy gray Odor: NO Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) [circle units]	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	51.10	12.49	11.87	116.30	-201.90	0.19	115	600	1.064
10	52.73	12.11	11.89	116.80	-193.40	0.13	60.5	420	1.066
15	54.31	12.68	11.87	116.40	-198.80	0.13	32.6	240	
20	55.42	12.86	11.86	116.20	-185.60	0.13	23.3	240	
25	56.53	12.84	11.86	116.80	-184.30	0.12	20.1	240	
30	56.63	12.80	11.86	116.60	-181.60	0.12	16.1	240	1.066
35	57.49	12.79	11.86	116.60	-181.00	0.12	15.5	240	
40	58.89	13.11	11.85	116.40	-176.40	0.13	11.6	240	
45	59.33	13.16	11.84	116.00	-173.30	0.15	11.3	240	
50	59.70	13.43	11.83	116.10	-173.50	0.18	11.1	240	1.066
55	60.59	13.09	11.84	116.70	-171.30	0.21	10.77	240	
60	60.56	13.53	11.83	116.60	-169.50	0.23	10.42	220	1.066
65	60.70	14.61	11.79	116.00	-170.50	0.26	11.7	220	
70	61.15	12.64	11.86	116.60	-174.40	0.24	10.56	220	
75	61.45	12.98	11.85	117.00	-173.50	0.23	9.98	220	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1220 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.066
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0405-05 **Sample Time:** 1243

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: * Temp keep fluctuating as sun out from behind clouds. Temp was stable 15 mins prior.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/2/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 80

Well information:

Installed Depth of Well: 69.00 ft. bgs.

Measured Depth of Well*: 70.90 ft. bmp.

Depth to Water*: 46.68 ft.

Length of Water Column: 24.22 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 3.9 gal.

Pump Intake Depth: 64.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:42

Initial Observations: *Color:* White *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	48.26	13.15	11.89	94.80	-146.80	0.20	7.99	480	1.048
10	52.62	12.67	11.96	93.80	-162.00	0.19	7.46	480	
15	55.88	12.38	12.00	92.30	-145.70	0.93	9.16	480	
20	59.12	12.35	12.03	88.50	-141.60	2.75	9.66	480	
25	59.52	14.48	11.94	87.70	-130.70	3.10	8.63	140	
30	59.58	14.53	11.92	90.30	-145.20	2.73	7.72	140	
35	59.63	14.54	11.91	93.20	-157.20	2.35	6.59	140	
40	59.70	14.46	11.91	94.60	-163.00	2.14	5.81	140	1.050
45	59.79	14.35	11.91	94.90	-168.50	2.00	5.05	140	
50	59.88	14.45	11.91	95.40	-171.00	1.87	4.23	140	
55	59.92	14.49	11.90	95.80	-175.20	1.73	3.89	140	
60	60.02	14.69	11.90	96.40	-177.90	1.58	3.98	140	
65	60.09	14.81	11.89	97.10	-179.90	1.45	4.17	140	
70	60.14	14.92	11.89	97.10	-183.90	1.32	3.46	140	
75	60.19	14.69	11.90	97.50	-186.00	1.20	3.59	140	1.052
80	60.26	14.62	11.90	98.30	-188.70	1.09	3.11	140	
85	60.33	14.62	11.90	98.50	-190.90	1.01	3.02	140	
90	60.38	14.64	11.90	98.80	-193.80	0.92	2.75	140	
95	60.42	14.67	11.90	99.50	-196.20	0.85	2.72	140	
100	60.44	14.67	11.90	99.40	-197.30	0.78	2.53	140	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:52 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.052

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0405-06 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: CAH | Date: 8/2/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	60.49	14.76	11.90	99.80	-200.40	0.72	2.73	140	
110	60.53	14.88	11.89	100.40	-201.40	0.66	2.49	140	
115	60.57	14.87	11.90	100.20	-204.30	0.62	2.36	140	
120	60.61	15.12	11.89	100.70	-204.90	0.57	2.61	140	
125	60.62	15.08	11.89	100.70	-207.40	0.54	2.68	140	
130	60.64	14.98	11.89	100.90	-208.60	0.50	2.31	140	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/2/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Sun/clouds 80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 159.00 ft. bmp.
Depth to Water*: 25.33 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1119
Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.67	14.65	6.11	191.9	-14.6	0.65	14.6	400	1.106
10	29.44	14.40	6.19	194.7	-20.9	0.36	12.68	400	
15	30.17	15.60	6.16	195.5	-21.7	0.27	11.4	400	
20	30.76	15.64	6.14	1969	-21.2	0.26	9.85	400	
25	31.57	14.42	6.16	193.7	-20.1	0.32	10.42	400	
30	32.48	14.73	6.15	198.7	-22.7	0.25	7.41	400	
35	31.90	17.44	6.13	194.5	-33.7	0.25	5.12	400	
* 40	—								
5	28.31	19.14	6.10	192.2	-32.2	4.59	14.96	400	
10	29.47	17.61	6.22	190.4	-55.8	1.96	13.80	400	
15	30.38	14.70	6.18	195.0	-46.5	0.41	11.60	400	
20	31.52	14.52	6.18	196.3	-47.9	0.26	12.18	400	
25	32.63	14.32	6.19	195.1	-47.7	0.21	13.36	400	
30	33.31	14.42	6.19	196.3	-49.8	0.18	12.96	400	
35	34.10	14.43	6.19	197.2	-45.8	0.16	14.70	400	
40	34.46	14.42	6.17	197.4	-45.7	0.15	13.43	400	
45	35.02	14.11	6.17	197.1	-42.3	0.13	10.59	400	
50	35.47	14.03	6.16	198.1	-41.5	0.12	11.58	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1335 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.132
Final Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Field Sample ID: SB915-0405-07 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00106
Other:			

Notes: * Bladder broke at bottom seam, was replaced. Restarted Log.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/2/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 83sun

Well information:

Installed Depth of Well: 132.00 ft. bgs.

Measured Depth of Well*: 133.95 ft. bmp.

Depth to Water*: 68.29 ft.

Length of Water Column: 65.66 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.7 gal.

Pump Intake Depth: 127.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:38

Initial Observations: *Color:* Light brown *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.42	13.58	6.61	91.00	-76.80	0.42	98.3	500	1.044
10	68.42	13.25	6.50	98.50	-96.60	0.21	108.2	500	
15	68.42	13.13	6.47	99.60	-95.00	0.17	85.4	500	
20	68.42	13.12	6.43	99.50	-90.20	0.15	70.9	500	
25	68.42	13.18	6.40	99.00	-85.10	0.15	50.7	500	
30	68.42	13.08	6.38	99.60	-81.50	0.13	37.9	500	
35	68.42	13.13	6.36	99.10	-78.30	0.12	28	500	
40	68.42	13.22	6.35	99.10	-76.10	0.11	26.5	500	
45	68.42	13.22	6.34	99.50	-73.90	0.11	24.3	500	
50	68.42	13.19	6.33	99.00	-72.20	0.10	22.2	500	1.052
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:28 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.052

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0405-08 **Sample Time:** 14:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-51S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 35.00 ft. bgs.

Measured Depth of Well*: 35.25 ft. bmp.

Depth to Water*: DRY ft.

Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.

Pump Intake Depth: 30.0 ft. bgs.

*** Measurement Point:**

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	DRY								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-50S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 75 sun

Well information:

Installed Depth of Well: 35.00 ft. bgs.
Measured Depth of Well*: 36.20 ft. bmp.
Depth to Water*: DRY ft.
Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.
Pump Intake Depth: 30.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
	DRY								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 80

Well information:

Installed Depth of Well: 40.00 ft. bgs.
Measured Depth of Well*: 41.80 ft. bmp.
Depth to Water*: 39.47 ft.
Length of Water Column: 2.33 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.4 gal.
Pump Intake Depth: 35.0 ft. bgs.

*** Measurement Point:**

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH
Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 75

Well Information:

Installed Depth of Well: 45.00 ft. bgs.
Measured Depth of Well*: 45.09 ft. bmp.
Depth to Water*: 44.18 ft.
Length of Water Column: 0.91 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.1 gal.
Pump Intake Depth: 40.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: AKK

Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sunny 84°

Well Information:

Installed Depth of Well*: ft. bmp.

Measured Depth of Well*: 34.90 ft. bmp.

Depth to Water*: ft. DRY

Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-054

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: | Date: 8/2/17

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sn 80°F

Well Information:

Installed Depth of Well*: ft. bmp.

Measured Depth of Well*: 14.60 ft. bmp.

Depth to Water*: 14.31 ft.

Length of Water Column: 0.29 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing

☐ Protective Casing

☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
*	Not	enough	water	to	Sample				
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/3/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 80

Well information:

Installed Depth of Well: 194.00 ft. bgs.

Measured Depth of Well*: 197.20 ft. bmp.

Depth to Water*: 76.94 ft.

Length of Water Column: 120.26 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 19.6 gal.

Pump Intake Depth: 189.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:06

Initial Observations: *Color:* Light tan *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	80.42	15.84	6.62	65.90	23.40	4.62	64.7	440	1.032
10	83.39	14.56	6.52	66.20	28.90	1.55	64.3	440	
15	85.87	14.16	6.46	64.50	50.30	3.74	58.5	440	
20	88.28	14.48	6.45	64.10	55.10	4.56	44	400	
25	90.77	14.19	6.45	64.10	50.60	4.46	38.6	400	
30	92.98	13.96	6.44	64.50	46.00	4.41	37.9	400	
35	95.43	13.90	6.43	62.70	43.70	4.39	35.5	400	
40	97.45	13.80	6.42	64.50	44.40	4.47	35.4	400	1.032
45	99.59	13.82	6.42	64.90	41.60	4.48	32.9	400	
50	101.52	13.89	6.43	64.50	36.20	4.25	30	400	
55	103.46	13.77	6.45	63.60	32.50	4.24	27.2	400	
60	105.48	13.76	6.48	63.60	27.30	4.20	26.8	400	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:06 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0406-01,02,03 (MS/MSD) **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-915

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/3/17
Project #: 1163.63443 | Pump/Controller ID#: FA01028 | Weather: Sun 80°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 44.00 ft. bmp.
Depth to Water*: 22.72 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0915

Initial Observations: Color: Cloudy/white Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.41	12.38	11.79	38.00	-277.2	0.24	628 AU	500	1.023
10	25.42	12.15	11.81	38.20	-288.4	0.20	46.6	500	
15	25.96	12.01	11.83	38.20	-292.1	0.19	31.2	500	
20	26.47	11.91	11.84	38.10	-288.2	0.23	27.4	500	
25	26.91	11.88	11.84	38.30	-287.9	0.25	12.9	500	
30	27.15	11.82	11.84	38.60	-296.5	0.22	14.24	500	
35	27.62	11.83	11.85	38.80	-302.9	0.18	11.73	500	
40	27.84	11.87	11.84	38.70	-306.3	0.18	10.47	500	
45	28.05	11.86	11.86	38.40	-316.6	0.13	6.08	500	
50	28.28	11.83	11.87	37.7	-324.8	0.10	3.65	500	
55	28.49	11.83	11.87	37.9	-325.4	0.09	3.49	500	
60	28.61	11.87	11.87	38.10	-325.4	0.09	2.91	500	
65	28.76	11.82	11.86	38.6	-325.8	0.09	2.90	500	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1020 Total volume of groundwater purged: 8 gallon(s). *Specific Gravity:* 1.020

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0406-04, 05 (FD) **Sample Time:** 1040

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA001108
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/3/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 85

Well information:

Installed Depth of Well: 48.00 ft. bgs.

Measured Depth of Well*: 50.36 ft. bmp.

Depth to Water*: 24.27 ft.

Length of Water Column: 26.09 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 4.3 gal.

Pump Intake Depth: 38.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:58

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.40	13.34	12.23	21.00	-167.50	0.18	5.85	500	1.008
10	28.52	12.85	12.26	21.10	-182.60	0.12	3.03	500	
15	30.24	12.85	12.27	20.80	-192.80	0.10	2.47	500	
20	31.17	12.72	12.29	20.60	-197.00	0.22	3.46	500	
25	31.34	12.67	12.29	20.70	-200.70	0.24	3.07	500	
30	32.56	12.59	12.29	21.00	-203.10	0.26	2.4	500	
35	33.83	12.58	12.28	21.30	-202.20	0.42	1.5	500	1.010
40	34.80	12.61	12.28	21.30	-203.00	0.41	1.41	500	
45	35.66	12.58	12.29	21.20	-205.00	0.38	1.48	500	
50	36.59	12.39	12.30	21.20	-213.70	0.07	2.94	500	
55	36.85	12.49	12.29	21.10	-212.90	0.19	10.85	360	
60	36.80	13.08	12.27	21.10	-213.40	0.24	8.25	250	
65	36.83	12.76	12.28	21.10	-210.20	0.37	13.3	290	
70	36.84	12.79	12.28	21.10	-191.00	2.16	2.63	290	1.008
75	36.85	12.78	12.28	21.20	-179.40	3.46	1.3	290	
80	36.88	12.62	12.29	21.20	-175.10	3.77	1.29	290	
85	36.89	12.58	12.29	21.20	-171.10	3.99	1	290	
90	36.94	12.66	12.29	21.20	-166.80	4.73	1.03	290	
95	36.97	12.66	12.30	21.20	-165.80	4.24	0.94	290	
100	36.98	12.59	12.30	21.20	-161.60	4.98	0.94	290	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:48 Total volume of groundwater purged: 12.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Field Sample ID: SB915-0406-06 **Sample Time:** 13:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: CAH | Date: 8/3/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	36.99	12.49	12.30	21.10	-159.90	4.91	0.9	290	
110	36.99	12.48	12.30	21.20	-157.90	5.09	0.97	290	1.008

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/3/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Sun 80°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 209.85 ft. bmp.
Depth to Water*: 83.90 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1155

Initial Observations: Color: Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	86.28	15.82	8.22	146.9	-134.9	1.03	42.7	420	1.098
10	88.12	13.20	7.44	165.1	-169.7	0.24	55.4	420	
15	90.64	13.20	7.56	163.1	-196.3	0.13	54.2	420	
20	93.65	13.16	7.53	156.9	-191.6	0.14	18.9	420	
25	95.48	12.98	7.41	154.9	-172.2	0.13	13.1	420	
30	98.10	12.99	7.39	155.0	-167.9	0.12	13.49	420	
35	100.32	13.08	7.38	155.0	-163.5	0.11	12.86	420	
40	102.51	12.95	7.38	156.7	-164.3	0.11	12.89	420	
45	104.78	13.02	7.39	155.0	-165.5	0.10	12.03	420	
50	106.84	12.74	7.44	155.3	-172.3	0.10	12.58	420	
55	109.25	12.75	7.58	155.1	-196.0	0.09	12.91	420	
60	111.20	12.70	7.84	155.1	-231.5	0.06	15.66	420	
65	113.18	12.77	7.93	154.8	-246.7	0.05	14.60	420	
70	115.32	12.82	7.85	153.7	-236.8	0.05	14.12	420	
75	117.28	12.90	7.80	154.7	-230.0	0.05	12.66	420	
80	119.02	12.79	7.77	155.1	-225.8	0.05	12.19	420	
85	121.10	13.02	7.75	154.2	-222.7	0.05	12.33	420	
90	123.09	12.69	7.78	153.9	-224.5	0.05	12.64	420	
95	124.87	12.61	7.83	152.60	-232.1	0.05	12.87	420	
100	126.63	12.73	7.94	151.0	-245.4	0.05	12.22	420	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.10

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0406-07 **Sample Time:** 1420

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1108
Turbidity Meter:	LaMotte	2020we	FA0 0108
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: MDM | Date: 8/3/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	128.54	12.66	8.08	150.40	-266.6	0.04	12.43	420	
110	129.06	14.98	8.12	150.10	-278.6	0.03	12.36	150	
115	129.28	15.01	8.17	148.40	-280.4	0.03	12.74	150	
120	129.39	15.32	8.21	148.60	-286.3	0.03	12.63	150	
125	129.52	15.18	8.12	149.9	-283.6	0.03	12.65	150	1.100
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07D

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bailer~~ Low Flow | Field Personnel: RPC
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/4/17
Project #: 1163.63443 | Pump/Controller ID#: FA01038 | Weather: Sunny 80°

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 28.37 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 820
Initial Observations: Color: Clear Odor: Slight wet Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~200~~ 5	35.25	13.22	12.12	35.10	-196.20	4.49	10.39	500	1.020
10	36.52	13.24	~~13.20~~ 12.11	36.50	-208.40	3.91	8.10	500	
15	38.25	13.15	12.10	38.00	-218.60	3.28	6.34	500	
20	39.70	13.16	12.10	39.40	-229.40	2.83	6.53	500	
25	40.90	13.13	12.09	41.60	-238.40	2.47	5.17	500	
30	41.54	13.20	12.07	44.40	-247.80	2.08	5.46	500	
35	42.41	13.19	12.06	46.80	-256.90	1.80	4.54	500	
40	43.31	13.22	12.04	49.40	-263.90	1.61	4.08	500	
45	43.98	12.97	12.04	52.00	-270.40	1.38	4.60	500	
50	44.42	13.02	12.02	54.30	-275.80	1.27	3.52	500	
55	44.75	12.93	12.01	57.10	-283.80	0.91	2.92	500	
60	44.98	13.06	12.00	59.00	-287.70	0.78	3.07	500	
65	45.35	13.20	11.99	59.20	-286.00	0.88	2.53	500	
70	45.67	13.11	11.99	60.80	-289.00	0.66	3.25	500	
75	45.94	13.29	11.97	63.00	-298.00	0.59	3.42	500	
80	46.17	13.13	11.97	63.80	-298.80	0.59	3.87	500	
85	46.45	12.95	11.97	64.80	-304.00	0.46	3.34	500	
90	46.74	13.02	11.96	66.40	-307.00	0.40	2.12	500	
95	46.84	13.02	11.96	66.80	-308.70	0.38	1.84	500	
100	47.09	13.06	11.95	67.80	-310.30	0.38	1.91	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1005 Total volume of groundwater purged: 2.0 gallon(s). *Specific Gravity:* 1.~~020~~ 034

Final Observations: Color: Clear Odor: Slight Sheen/Free Product: None

Field Sample ID: SB915-0407-01 **Sample Time:** 1015

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	~~FA01103~~
Turbidity Meter:	LaMotte	2020we	~~FA00111~~
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/7/17
Project #: 1163.63443 | Pump/Controller ID#: FA01080 | Weather: Sunny 75°

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 118.65 ft. bmp.
Depth to Water*: 80.5 ft.
Length of Water Column: 38.15 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0843
Initial Observations: Color: clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	80.5	13.71	6.55	14.40	-71.80	0.35	25.1	300	1.010
10	80.5	13.76	6.55	13.70	-73.30	0.20	25.9	400	1.006
15	80.5	13.72	6.55	12.80	-73.00	0.16	23.7	400	
20	80.5	13.78	6.55	11.70	-72.60	0.12	20.5	400	
25	80.5	13.79	6.55	10.70	-71.90	0.10	17.6	400	
30	80.5	13.63	6.56	9.90	-71.00	0.08	12.8	440	
35	80.5	13.72	6.56	9.30	-70.60	0.07	11.1	440	1.006
40	80.5	13.53	6.57	8.70	-69.90	0.05	10.68	500	
45	80.5	13.49	6.57	8.20	-69.50	0.05	8.99	500	
50	80.5	13.58	6.58	7.70	-69.00	0.04	10.04	500	
55	80.5	13.59	6.57	7.50	-68.30	0.04	8.93	500	1.004
60	80.5	13.62	6.58	7.20	-67.90	0.03	7.11	500	
65	80.5	13.39	6.57	7.10	-67.30	0.03	7.23	500	
70	80.5	13.45	6.58	6.90	-66.90	0.03	7.51	500	
75	80.5	13.29	6.58	6.70	-66.20	0.03	7.04	500	
80	80.5	13.32	6.57	6.50	-65.60	0.03	7.56	500	1.002
85	80.5	13.27	6.57	6.50	-65.00	0.03	7.00	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1013 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.002
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0707-02 **Sample Time:** 1022

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/4/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 80

Well information:

Installed Depth of Well: 152.00 ft. bgs.

Measured Depth of Well*: 155.10 ft. bmp.

Depth to Water*: 27.84 ft.

Length of Water Column: 127.26 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 20.7 gal.

Pump Intake Depth: 147.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:08

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.22	13.88	6.08	133.40	-19.50	0.36	12.91	500	1.076
10	32.81	13.65	6.33	131.80	-69.40	0.20	12.17	500	
15	35.66	13.52	6.40	132.00	-85.50	0.17	10.7	500	
20	38.40	13.52	6.43	132.80	-93.70	0.15	8.44	500	
25	40.72	14.13	6.44	132.50	-96.10	0.16	10.12	500	
30	42.16	14.21	6.45	132.90	-93.20	0.15	10.51	500	
35	43.56	14.27	6.46	132.20	-87.30	0.15	9.75	500	
40	44.84	14.39	6.45	132.30	-80.00	0.14	8.91	500	
45	45.93	14.43	6.43	132.20	-73.20	0.13	8.62	500	
50	46.49	15.69	6.41	131.10	-69.20	0.12	6.84	260	
55	46.40	16.85	6.41	131.00	-69.70	0.12	3.8	200	
60	46.39	16.73	6.44	132.00	-69.40	0.12	3.48	200	1.076
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:00 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.076

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0407-03 **Sample Time:** 10:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/4/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun 80

Well information:

Installed Depth of Well: 129.50 ft. bgs.

Measured Depth of Well*: 131.61 ft. bmp.

Depth to Water*: 27.08 ft.

Length of Water Column: 104.53 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 17.0 gal.

Pump Intake Depth: 124.5 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:50

Initial Observations: *Color:* Light tan *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.20	14.43	6.96	62.30	-35.80	0.55	29.4	500	1.030
10	31.00	13.94	6.96	57.50	-25.70	0.36	35.1	500	
15	33.09	13.62	6.99	57.00	-65.40	0.22	82.6	500	
20	34.33	13.41	7.00	55.20	-72.20	0.19	56.2	500	
25	35.44	13.62	7.05	54.20	-87.00	0.16	46.8	500	
30	36.32	13.61	7.12	53.80	-99.20	0.15	38.4	500	
35	36.98	13.39	7.16	53.20	-98.90	0.14	29.4	500	
40	37.42	13.64	7.18	53.00	-101.30	0.13	24.2	500	
45	37.71	13.58	7.20	52.70	-100.10	0.12	20.2	500	
50	37.98	13.43	7.20	52.50	-96.60	0.11	19.5	500	
55	38.19	13.39	7.20	52.60	-96.40	0.11	15.8	500	
60	38.37	13.31	7.19	52.80	-92.10	0.11	14	500	
65	38.55	13.21	7.18	52.60	-90.40	0.11	13.9	500	
70	38.71	13.19	7.18	52.80	-90.20	0.10	11.3	500	
75	38.84	13.11	7.17	52.70	-86.20	0.10	11.2	500	1.024
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:05 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.024

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0407-04 **Sample Time:** 12:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: RPC
Site Location: Camillus, NY | Pump Type Used: PeriT | Date: 8/4/2017
Project #: 1163.63443 | Pump/Controller ID#: FA02646 / FA02875 | Weather: 84 Sunny

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 42.15 ft. bmp.
Depth to Water*: 20.89 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1120
Initial Observations: Color: Clear Odor: Slight Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.95	14.61	11.71	52.80	-265.30	0.15	2.86	300	1.028
10	21.96	14.49	11.72	52.80	-269.40	0.15	5.69	300	
15	21.97	14.60	11.72	51.80	-266.90	0.13	7.28	300	
20	21.97	14.61	11.73	50.70	-272.40	0.13	6.65	300	
25	21.97	14.49	11.72	51.30	-269.70	0.12	5.43	300	
30	21.97	14.30	11.72	51.70	-263.80	0.17	4.7	300	
35	21.97	14.25	11.72	52.90	-267.20	0.12	3.35	300	
40	21.97	14.34	11.71	53.40	-272.70	0.09	2.67	300	
45	21.97	14.13	11.71	54.00	-261.00	0.15	2.92	300	
50	21.97	14.06	11.71	54.90	-270.20	0.14	1.93	300	
55	21.97	14.11	11.70	55.40	-263.10	0.13	1.71	300	
60	21.97	14.29	11.70	56.10	-271.40	0.09	1.65	300	
65	21.97	14.61	11.68	56.30	-272.40	0.12	1.83	300	
70	21.97	14.60	11.68	56.80	-272.30	0.10	1.36	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1230 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.030
Final Observations: Color: Clear Odor: Slight Sheen/Free Product: None

Field Sample ID: SB915-0407-05 **Sample Time:** 12.40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 8/4/17
Project #: 1163.63443 | Pump/Controller ID#: FAO1080 | Weather: Sunny 85

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 58.25 ft. bmp.
Depth to Water*: 34.31 ft.
Length of Water Column: 23.94 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1127
Initial Observations: Color: Clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	36.38	14.69	12.07	11.50	-122.00	5.39	8.41	240	1.006
10	36.26	14.30	12.01	19.00	-131.50	4.36	13.3	240	
15	38.49	14.04	11.98	23.70	-137.40	3.70	12.9	240	
20	39.00	13.58	11.96	27.10	-146.10	3.14	12.8	240	
25	39.79	13.38	11.94	30.00	-153.00	2.67	12.7	240	
30	40.55	13.39	11.92	32.00	-159.40	2.26	13.9	240	
35	40.80	13.13	11.92	33.30	-162.50	1.95	11.2	240	
40	41.28	13.18	11.91	34.10	-169.00	1.69	11.4	240	
45	41.7	13.22	11.91	34.40	-169.10	1.47	8.16	220	
50	42.03	13.44	11.90	34.80	-174.20	1.27	8.01	220	
55	42.20	13.28	11.90	35.30	-178.90	1.13	8.02	220	
60	42.40	13.26	11.90	35.80	-179.00	0.99	8.34	220	
65	42.61	13.42	11.88	36.70	-183.60	0.85	8.25	220	
70	42.77	13.62	11.87	37.40	-186.60	0.77	6.74	220	
75	43.00	13.58	11.87	38.20	-187.50	0.69	6.43	220	
80	43.12	13.32	11.87	39.10	-190.90	0.62	5.87	220	
85	43.20	13.40	11.87	40.00	-191.50	0.52	4.93	220	
90	43.25	13.54	11.86	40.50	-195.30	0.46	5.43	220	
95	43.45	13.49	11.85	41.32	-189.7	0.37	4.44	220	
100	43.60	13.57	11.85	41.67	-183.6	0.37	4.31	220	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

1300 ✱

End Purge Time: 1312 Total volume of groundwater purged: 60 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0407-06 **Sample Time:** 1325

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FAO 1325
Turbidity Meter:	LaMotte	2020we	FAO 1399
Other:			

Notes: Ipod logged out. Live readings started.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/4/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun and clouds 85

Well information:

Installed Depth of Well: 128.00 ft. bgs.

Measured Depth of Well*: 129.85 ft. bmp.

Depth to Water*: 28.82 ft.

Length of Water Column: 101.03 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 16.5 gal.

Pump Intake Depth: 123.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:48

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.62	14.29	6.71	60.40	-58.80	0.56	19.9	500	1.028
10	29.66	13.98	6.87	82.00	-92.70	0.21	11.14	500	
15	29.67	14.12	6.99	79.60	-96.60	0.17	6.19	500	
20	29.70	14.02	7.01	78.60	-96.50	0.15	4.42	500	
25	29.72	13.95	7.01	78.60	-95.50	0.13	4.37	500	
30	29.74	13.63	7.02	78.60	-95.40	0.12	4.13	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:08 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0407-07 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA00108
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-075

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: RPC

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 08/04/17

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 85° Sunny

Well Information:

Installed Depth of Well*: 18 ft. bmp.

Measured Depth of Well*: 20.14 ft. bmp.

Depth to Water*: 5.55 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1320

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.63	13.25	12.80	7.80	0.30	2.27	1.75	400	1.000
10	5.63	13.04	12.78	7.80	10.70	2.27	1.01	400	
15	5.63	12.81	12.77	7.80	9.20	2.26	1.38	400	
20	5.63	12.65	12.78	7.80	27.10	2.30	1.53	400	
25	5.63	12.38	12.78	7.80	30.30	2.30	1.42	400	
30	5.63	12.38	12.77	7.80	10.20	2.30	1.56	400	
35	5.63	12.24	12.77	7.80	16.80	2.33	1.11	400	
40	5.63	12.38	12.76	7.80	16.80	2.30	1.18	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1400 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0407-08 **Sample Time:** 1410

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/7/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Clouds 70

Well information:

Installed Depth of Well: 110.00 ft. bgs.

Measured Depth of Well*: 111.60 ft. bmp.

Depth to Water*: 28.34 ft.

Length of Water Column: 83.26 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 13.6 gal.

Pump Intake Depth: 105.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:12

Initial Observations: *Color:* Slight cloudy *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	30.92	12.75	6.46	53.00	64.00	0.42	59.9	500	1.026
10	33.13	12.76	6.47	54.00	11.00	0.30	66.1	500	
15	34.54	12.40	6.53	54.30	-10.50	0.26	76.3	500	
20	35.68	12.33	6.52	60.40	-6.70	0.33	64	500	
25	36.32	12.32	6.47	66.60	1.60	0.26	45.3	500	
30	36.96	12.47	6.44	69.40	4.50	0.22	31.3	500	
35	37.31	12.76	6.43	70.30	5.00	0.18	23.2	500	
40	37.56	12.85	6.42	71.50	5.70	0.15	19.2	500	
45	37.72	12.92	6.42	71.90	6.30	0.13	18.1	500	
50	37.84	13.03	6.42	71.70	7.70	0.12	14.7	500	
55	37.94	13.03	6.42	72.00	9.60	0.11	13.3	500	
60	38.06	13.02	6.42	72.50	12.10	0.11	13.9	500	1.036
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:12 Total volume of groundwater purged: 9.0 gallon(s). *Specific Gravity:* 1.036

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0408-01,02,03 (MS/MSD) **Sample Time:** 10:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01326
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP,AJF

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 8/7/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02646 | Weather: 60's cloudy

Well information:

Installed Depth of Well: 76.00 ft. bgs.

Measured Depth of Well*: 78.20 ft. bmp.

Depth to Water*: 28.09 ft.

Length of Water Column: 50.11 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 8.2 gal.

Pump Intake Depth: 71.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:33

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.40	11.01	6.58	43.10	-65.10	0.09	56.8	420	1.010
10	28.40	11.10	6.52	52.40	-66.10	0.06	75.2	420	
15	28.40	11.13	6.48	52.90	-64.90	0.05	54.1	420	
20	28.40	11.10	6.44	53.10	-61.70	0.05	19.1	380	
25	28.40	11.01	6.42	53.40	-60.80	0.05	13.4	380	
30	28.40	11.12	6.40	53.90	-61.20	0.05	12.6	380	
35	28.40	11.17	6.38	55.30	-57.00	0.04	12.1	380	
40	28.40	11.10	6.36	5.50	-54.70	0.05	10.85	380	
45	28.40	11.21	6.34	57.00	-53.10	0.04	10.1	380	
50	28.40	11.29	6.33	57.20	-53.80	0.04	11.32	380	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 6:00 Total volume of groundwater purged: 5.3 gallon(s). *Specific Gravity:* 1.028

Final Observations: *Color:* clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0408-04 **Sample Time:** 10:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Pump is a cavitating

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP,AJF

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/7/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 70's Partly cloudy

Well information:

Installed Depth of Well: 63.40 ft. bgs.

Measured Depth of Well*: 65.08 ft. bmp.

Depth to Water*: 49.42 ft.

Length of Water Column: 15.66 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.6 gal.

Pump Intake Depth: 55.9 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:51

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	49.30	10.83	7.41	1.00	13.70	5.59	15.1	500	1.000
10	49.28	10.39	7.44	1.00	-15.10	6.48	12.2	500	
15	49.30	10.20	7.44	1.00	-24.50	6.60	7.08	500	
20	49.35	10.12	7.45	1.00	-25.60	7.35	6.68	500	
25	49.35	10.12	7.44	1.00	-26.10	7.38	5.04	500	
30	49.35	10.28	7.42	1.00	-23.20	7.84	4.03	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:23 Total volume of groundwater purged: ~5 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0408-05 **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01325
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	8/7/2017
Project #:	1163.63443	Pump/Controller ID#:		Weather:	Sun 75

Well information:

Installed Depth of Well: 129.00 ft. bgs.
Measured Depth of Well*: 129.65 ft. bmp.
Depth to Water*: 30.51 ft.
Length of Water Column: 99.14 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 16.2 gal.
Pump Intake Depth: 124.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 12:08

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.74	11.64	8.20	70.90	-184.20	0.32	10.27	500	1.038
10	33.52	11.35	7.59	79.10	-129.40	0.16	8.01	500	
15	34.19	11.27	7.07	81.90	-57.80	0.13	5.9	500	
20	34.53	11.27	6.90	82.60	-32.20	0.11	3.52	500	
25	34.64	11.30	6.84	83.10	-21.60	0.09	3.46	500	
30	34.76	11.13	6.83	83.30	-17.90	0.08	2.09	500	
35	34.81	11.04	6.82	83.30	-17.10	0.08	2.14	500	1.044
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:44 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.044

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0408-06,07(FD) **Sample Time:** 13:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA01399
Other:			

Notes:

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP,AJF

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 8/7/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 70 cloudy

Well information:

Installed Depth of Well: 130.00 ft. bgs.

Measured Depth of Well*: 131.95 ft. bmp.

Depth to Water*: 18.83 ft.

Length of Water Column: 113.12 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 18.4 gal.

Pump Intake Depth: 125.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:18

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	23.15	13.56	6.46	197.50	1.00	0.30	17.3	500	1.124
10	25.00	13.47	6.37	196.40	-24.60	0.16	18.5	500	
15	28.20	13.63	6.32	196.00	-44.20	0.15	10.77	500	
20	32.00	13.68	6.31	195.90	-49.80	0.14	9.49	100	
25	32.32	15.31	6.29	195.10	-51.60	0.15	8.67	100	
30	32.30	16.45	6.29	193.10	-51.60	0.19	8.93	100	
35	32.25	16.60	6.28	193.40	-47.00	0.23	5.66	100	
40	32.50	16.42	6.33	194.50	-37.70	0.22	3.77	100	
45	32.50	16.24	6.35	194.00	-33.40	0.21	5.69	100	
50	32.50	15.00	6.37	194.80	-34.10	0.21	5.67	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:10 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.130

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0408-08 **Sample Time:** 14:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: Well flowed at 500 mL per minute until dump the water reached

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP,AJF

Site Location: Camillus, NY | Pump Type Used: | Date: 8/7/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 70's cloudy

Well information:

Installed Depth of Well: 14.00 ft. bgs.

Measured Depth of Well*: 15.69 ft. bmp.

Depth to Water*: 15.35 ft.

Length of Water Column: 0.34 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.1 gal.

Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:** NA

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: WELL IS DRY, NO SAMPLE COLLECTED

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APPENDIX C

4th Quarter 2017 Groundwater Sampling Logs

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-03

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/11/2017

Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Cloudy, 60

Well information:

Installed Depth of Well: 34.35 ft. bgs.

Measured Depth of Well*: 36.35 ft. bmp.

Depth to Water*: 7.63 ft.

Length of Water Column: 28.72 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 4.7 gal.

Pump Intake Depth: 29.4 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:25

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.63	11.31	7.68	12.30	-57.80	0.09	0.57	500	1.010
10	7.63	11.12	7.35	12.40	-49.30	0.08	0.97	500	
15	7.63	11.07	7.13	12.40	-43.90	0.07	0.65	500	
20	7.63	11.03	6.99	12.40	-41.70	0.06	0.16	500	
25	7.63	11.03	6.89	12.40	-39.30	0.06	0.2	500	
30	7.63	10.98	6.82	12.40	-31.50	0.06	0.03	500	
35	7.63	10.98	6.78	12.40	-35.40	0.05	0.18	500	
40	7.63	10.95	6.75	12.40	-38.60	0.05	0.18	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:05 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0409-03,04,05 (MS/MSD) **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/11/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: 60'S CLOUDY

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.10 ft. bmp.

Depth to Water*: 4.95 ft.

Length of Water Column: 15.15 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.5 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 10:06

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.30	16.68	6.84	5.73	-82.10	0.20	11.2	400	1.004
10	6.55	17.39	6.96	2.91	-64.00	0.11	4.57	400	
15	6.65	17.52	6.96	2.55	-55.90	0.02	3.66	400	
20	6.70	17.58	6.97	2.23	-52.40	0.02	2.7	400	
25	6.72	17.65	7.00	1.93	-52.10	0.01	4.02	400	
30	6.78	17.73	7.02	1.67	-47.20	0.01	4.02	400	
35	6.80	17.79	7.03	1.48	-44.40	0.09	1.92	400	
40	6.83	17.80	7.06	1.39	-41.60	0.29	1.5	400	
45	6.70	17.80	7.09	1.33	-38.00	0.58	1.11	400	
50	6.65	17.80	7.10	1.31	-33.40	0.94	1.82	400	
55	6.70	17.80	7.10	1.28	-30.10	1.17	0.99	400	
60	6.70	17.82	7.08	1.26	-26.80	1.45	1.29	400	
65	6.65	17.84	7.07	1.25	-24.70	1.89	1.56	400	
70	6.65	17.84	7.05	1.23	-21.80	2.20	1.7	400	
75	6.70	17.91	7.04	1.23	-19.50	2.52	1.2	400	
80	6.70	17.94	7.03	1.20	-16.30	2.73	1.6	400	
85	6.70	17.98	7.02	1.19	-13.80	3.18	1.5	400	
90	6.70	17.98	7.02	1.20	-12.90	3.51	1.3	400	
95	6.70	18.02	7.01	1.19	-11.30	3.72	1.25	400	
100	6.70	18.07	7.00	1.18	-9.60	3.94	1.54	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:53 Total volume of groundwater purged: 15.0 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0409-06,07 (FD) **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-116S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 10/11/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	6.70	18.07	7.00	1.17	-8.00	4.05	2.37	400	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/11/17
Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Cloudy 60°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 25.97 ft. bmp.
Depth to Water*: 9.33 ft.
Length of Water Column: 16.64 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.71 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0839

Initial Observations: Color: clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.00	13.52	6.15	115.68	-1.80	0.07	5.63	420	1.070
10	14.35	13.68	6.16	115.14	2.00	0.06	117	340	
15	16.55	13.75	6.18	114.51	3.10	0.07	153	340	1.070
20	16.70	13.96	6.18	114.78	4.60	0.10	72.8	200	
25	16.90	13.95	6.19	114.20	5.90	0.11	149	200	1.068
30	17.05	13.93	6.19	113.86	7.40	0.12	174	100	
35	17.09	14.33	6.19	114.30	9.10	0.12	147	120	
40	17.09	14.14	6.20	114.16	10.50	0.10	144	100	1.70
45	17.10	14.07	6.20	113.87	13.80	0.11	136	100	
50	17.19	13.97	6.21	114.06	13.60	0.12	142	100	
55	17.23	13.97	6.21	113.84	11.90	0.14	126	100	
60	17.34	13.97	6.23	113.79	8.20	0.20	107.4	100	
65	17.39	13.98	6.26	113.61	6.06	0.34	90.0	100	1.068
70	17.50	13.86	6.26	113.99	6.50	0.34	104.7	100	
75	17.60	13.79	6.27	113.55	6.40	0.34	64.5	100	
80	17.71	13.75	6.28	113.64	2.80	0.23	104.9	100	
85	17.81	13.74	6.29	112.90	0.50	0.15	127	100	
90	18.0	13.61	6.29	112.62	0.70	0.12	137	120	
95	18.18	13.60	6.30	113.18	1.03	0.10	92.3	120	1.068
100	18.28	13.56	6.30	112.88	2.30	0.09	68.5	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1045 Total volume of groundwater purged: 6 gallon(s). *Specific Gravity:* 1.066

Final Observations: *Color:* grey/brown *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0409-08 **Sample Time:** 1103

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: AKK | Date: 10/11/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	18.53	13.58	6.30	113.39	2.40	0.09	51.6	200	
110	18.64	13.57	6.30	112.74	1.20	0.13	154	200	1.066
115	18.85	13.58	6.30	112.46	0.90	0.16	654 AH	200	
120	18.91	13.61	6.31	112.19	0.70	0.24	1261 AH	200	
125									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-104I

Site Name: SB915 Closure / SCA | Sampling Method: Per Low Flow | Field Personnel: AKK

Site Location: Camillus, NY | Pump Type Used: Peri. | Date: 10/11/17

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Cloudy 58°F

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 73.50 ft. bmp.

Depth to Water*: 29.02 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1197

Initial Observations: *Color:* Clear *Odor:* no *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.02	12.57	7.63	1.39	30.60	0.56	48.6	210	1.002
10	29.02	12.29	7.58	1.36	46.70	0.47	55.3	200	
15	29.02	12.15	7.57	1.37	49.80	0.40	70.4	220	1.002
20	29.02	12.19	7.55	1.36	50.60	0.40	50.7	220	
25	29.02	12.19	7.55	1.36	52.70	0.40	40.2	220	
30	29.02	12.21	7.53	1.35	55.50	0.42	37.7	220	
35	29.02	12.24	7.54	1.35	57.80	0.44	24.9	220	
40	29.02	12.20	7.53	1.34	60.00	0.45	19.5	220	
45	29.02	12.13	7.53	1.34	61.60	0.51	16.5	220	
50	29.02	12.15	7.52	1.34	63.20	0.54	12.5	220	
55	29.02	12.08	7.52	1.33	64.10	0.57	10.37	220	
60	29.02	12.10	7.52	1.33	65.50	0.64	10.09	220	
65	29.02	12.10	7.52	1.33	66.20	0.65	8.07	220	
70	29.02	12.16	7.50	1.33	67.90	0.68	7.17	220	1.002
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1247 Total volume of groundwater purged: 3.75 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0409-~~09~~ **Sample Time:** 1305

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA 60110
Turbidity Meter:	LaMotte	2020we	FA 00111
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/11/2017
Project #:	1163.63443	Pump/Controller ID#:	FA03011	Weather:	Rain, 60

Well information:

Installed Depth of Well: 57.00 ft. bgs.
Measured Depth of Well*: 53.00 ft. bmp.
Depth to Water*: 3.38 ft.
Length of Water Column: 49.62 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 8.1 gal.
Pump Intake Depth: 52.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 13:13

Initial Observations: *Color:* Slightly cloudy *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	3.42	13.46	7.14	9.20	-35.70	0.13	41.4	500	1.006
10	3.42	13.21	6.97	9.20	-31.50	0.09	9.85	500	
15	3.42	13.05	6.91	9.20	-29.80	0.08	6.4	500	
20	3.42	13.01	6.88	9.20	-28.60	0.07	4.68	500	
25	3.42	12.95	6.86	9.20	-28.10	0.07	2.3	500	
30	3.42	12.91	6.85	9.20	-27.30	0.07	1.91	500	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:43 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.006

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0409-10 **Sample Time:** 14:00

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-115BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/11/2017

Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: 60's cloudy

Well information:

Installed Depth of Well: 89.00 ft. bgs.

Measured Depth of Well*: 90.13 ft. bmp.

Depth to Water*: 9.27 ft.

Length of Water Column: 80.86 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 13.2 gal.

Pump Intake Depth: 84.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:58

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.70	12.66	6.57	29.32	-32.40	0.04	6.31	500	1.018
10	9.74	12.52	6.55	29.60	-24.90	0.00	103.7	500	
15	9.79	12.42	6.50	40.72	-19.60	0.00	55.1	500	
20	9.81	12.38	6.49	58.62	-20.60	0.00	18.7	500	
25	9.83	12.33	6.49	62.77	-20.10	0.00	11.7	500	
30	9.85	12.34	6.49	64.32	-20.10	0.00	8.56	500	
35	9.85	12.30	6.49	64.80	-18.60	0.00	6.85	500	
40	9.85	12.25	6.49	65.47	-18.30	0.00	5.06	500	
45	9.90	12.25	6.49	65.54	-17.40	0.00	4.92	500	
50	9.90	12.20	6.49	66.02	-16.60	0.00	4.85	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:50 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0409-11 **Sample Time:** 14:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-15B/15S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/11/2017

Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Cloudy, 60

Well information:

Installed Depth of Well: 25.00 ft. bgs.

Measured Depth of Well*: 26.82 ft. bmp.

Depth to Water*: 25.28 ft.

Length of Water Column: 1.54 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.3 gal.

Pump Intake Depth: 20.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:20

Initial Observations: *Color:* Clear *Odor:* Waste *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.27	11.32	11.42	10.40	67.50	0.78	4.78	380	1.008
10	DRY								
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: _____ Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* _____

Final Observations: *Color:* _____ *Odor:* _____ *Sheen/Free Product:* _____

Field Sample ID: NA **Sample Time:** _____

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: _____

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Low Flow Groundwater Sampling Log

Well ID: SB915-MW-01

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/11/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: Cloudy, 60

Well information:

Installed Depth of Well: 16.17 ft. bgs.

Measured Depth of Well*: 18.35 ft. bmp.

Depth to Water*: NA ft.

Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.

Pump Intake Depth: 11.2 ft. bgs.

*** Measurement Point:**

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
DRY									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/12/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Cloudy 50°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 22.45 ft. bmp.
Depth to Water*: 3.38 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0850

Initial Observations: Color: Clear Odor: NO Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.68	13.87	6.19	68.67	7.30	0.04	25.7	300	1.039
10	6.85	13.85	6.19	68.43	7.00	0.01	22.4	340	
~~15~~ *									
~~20~~ 5	6.29	14.14	6.17	68.84	25.80	0.06	21.3	240	1.034
~~25~~ 10	6.65	14.30	6.14	69.41	26.10	0.04	11.0	240	
~~30~~ 15	6.88	14.30	6.13	69.85	26.30	0.02	5.23	240	
20	7.01	14.30	6.13	70.15	26.60	0.01	5.36	240	
25	7.14	14.32	6.12	70.54	27.10	0.01	5.34	240	
30	7.20	14.38	6.12	70.53	27.00	0.01	5.36	240	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 0950 Total volume of groundwater purged: 4 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* NO *Odor:* NO *Sheen/Free Product:* NO

Field Sample ID: SB915-0410-01 **Sample Time:** 1000

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA0413
Other:			

Notes: * Switched pump to Series 1 drive.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-118S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/12/2017
Project #:	1163.63443	Pump/Controller ID#:	FA00140	Weather:	Cloudy, 55

Well information:

Installed Depth of Well: 14.00 ft. bgs.
Measured Depth of Well*: 15.38 ft. bmp.
Depth to Water*: 5.83 ft.
Length of Water Column: 9.55 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.6 gal.
Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 8:46

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.51	15.79	6.45	43.90	3.80	0.09	8.26	360	1.024
10	7.02	15.90	6.48	39.40	10.10	0.08	5.72	360	
15	7.73	16.23	6.51	27.70	15.20	1.27	7.49	500	
20	8.34	16.17	6.40	31.90	20.10	0.59	4.73	500	
25	8.72	16.08	6.40	35.60	23.50	0.33	5.6	500	
30	9.08	16.08	6.39	39.40	21.20	0.27	3.48	500	
35	9.83	15.94	6.42	42.80	5.00	0.09	2.97	500	
40	10.35	15.81	6.51	43.30	-15.70	0.08	2.11	500	
45	10.81	15.68	6.59	43.60	-24.70	0.07	1.63	500	
50	10.81	15.14	6.63	43.90	-26.20	0.06	3.19	240	
55	10.81	15.18	6.66	43.50	-26.90	0.06	1.99	240	1.022
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:41 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.022

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0410-02 **Sample Time:** 10:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-117S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/12/2017
Project #:	1163.63443	Pump/Controller ID#:	FA03011	Weather:	40's Cloudy

Well information:

Installed Depth of Well: 24.00 ft. bgs.
Measured Depth of Well*: 24.50 ft. bmp.
Depth to Water*: 9.90 ft.
Length of Water Column: 14.60 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.4 gal.
Pump Intake Depth: 19.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 8:52

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.90	14.79	7.00	12.75	-22.60	0.13	28	300	1.006
10	10.80	14.56	7.01	12.73	-22.80	0.09	34	300	
15	11.30	14.28	7.02	12.71	-21.00	0.07	28.4	300	
20	11.50	14.06	7.02	12.71	-18.70	0.07	47.2	300	
25	11.80	13.97	7.01	12.75	-18.30	0.06	98.9	300	
30	12.03	13.88	7.06	11.85	-25.20	0.06	648au	300	
35	12.22	13.79	7.09	11.53	-30.40	0.06	801au	300	
40	12.33	13.70	7.10	11.46	-31.80	0.06	153	300	
45	12.42	13.70	7.10	11.40	-32.20	0.06	189	300	
50	12.50	13.67	7.11	11.33	-33.00	0.06	133	300	
55	12.60	13.65	7.11	11.28	-32.90	0.05	151	300	
60	12.70	13.64	7.12	11.22	-34.00	0.05	164	300	
65	12.80	13.57	7.12	11.14	-34.50	0.05	141	300	
70	12.88	13.57	7.12	11.08	-34.80	0.05	154	300	
75	12.94	13.56	7.13	11.03	-35.50	0.05	152	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:08 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Cloudy white *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB9915-0410-03 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MPM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/12/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Cloudy 50°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 57.1 ft. bmp.
Depth to Water*: 8.19 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: ~~0957~~ 1007
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.19	12.49	6.71	11.93	2.70	0.04	12.6	400	1.006
10	8.19	12.38	6.65	11.91	3.20	0.01	14.0	400	
15	8.19	12.34	6.63	11.80	3.40	0.02	14.4	400	
20	8.19	12.29	6.62	11.80	3.30	0.00	14.2	400	
25	8.19	12.30	6.61	11.73	3.20	0.00	10.67	400	
30	8.19	12.33	6.60	11.59	3.30	0.00	8.17	400	
35	8.19	12.39	6.60	11.52	3.30	0.01	7.85	400	
40	8.19	12.39	6.60	11.52	3.10	0.00	4.43	400	
45	8.19	12.34	6.59	11.45	3.10	0.00	5.70	400	1.006
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1052 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.006
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0910-04 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/12/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Cloudy, 55

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.00 ft. bmp.

Depth to Water*: 4.73 ft.

Length of Water Column: 15.27 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.5 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:27

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.56	16.84	7.42	1.30	23.40	0.92	1.32	500	1.000
10	7.11	17.01	7.27	1.20	28.50	0.96	0.84	500	
15	7.97	17.14	7.11	1.10	34.90	1.12	0.77	500	
20	8.49	17.28	7.10	1.00	36.40	1.29	0.7	500	
25	8.98	17.33	7.08	0.90	38.50	1.36	0.65	500	
30	9.50	17.33	7.07	0.80	39.10	1.55	0.71	500	
35	10.09	17.42	7.07	0.80	40.90	1.91	0.63	500	
40	10.74	17.20	7.02	1.00	40.70	0.96	1.14	500	
45	11.21	16.88	6.97	1.40	42.10	0.59	1.46	320	
50	11.52	16.67	6.97	1.60	41.70	0.38	1.13	320	
55	11.63	16.48	7.01	1.50	40.30	0.43	1.12	180	
60	11.82	16.35	7.01	1.60	41.30	0.54	1.57	180	
65	11.95	16.26	7.01	1.50	42.10	0.90	1.86	180	
70	12.09	16.31	7.00	1.60	43.70	0.97	1.47	180	
75	12.24	16.26	7.01	1.60	42.80	1.14	1.32	180	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:42 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.000

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0410-05 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-04

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/12/2017

Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: 48 Cloudy

Well information:

Installed Depth of Well: 21.95 ft. bgs.

Measured Depth of Well*: 20.00 ft. bmp.

Depth to Water*: 10.20 ft.

Length of Water Column: 9.80 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.6 gal.

Pump Intake Depth: 17.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:05

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.25	14.07	6.21	37.39	27.40	0.13	16.6	300	1.020
10	12.10	14.32	6.22	37.25	27.00	0.09	11.7	300	
15	12.89	14.38	6.22	37.22	24.70	0.08	9.94	300	
20	13.60	14.42	6.23	37.24	23.90	0.07	9.93	300	
25	14.15	14.48	6.23	37.11	25.30	0.08	9.05	260	
30	14.70	14.42	6.23	37.12	24.60	0.11	6.56	260	
35	15.04	14.42	6.24	37.14	23.10	0.16	6.48	260	
40	14.97	14.43	6.25	37.20	21.30	0.23	5.96	200	
45	15.30	14.38	6.25	37.23	18.90	0.18	4.15	200	
50	15.35	14.44	6.25	37.25	17.50	0.15	3.45	200	
55	15.40	14.49	6.26	37.26	15.90	0.13	2.93	200	
60	15.50	14.52	6.28	37.09	13.50	0.13	1.35	200	
65	15.60	14.56	6.28	37.22	13.80	0.11	1.25	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:09 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0410-06 **Sample Time:** 12:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107D

Site Name: SB915 Closure / SCA | Sampling Method: LowFlow | Field Personnel: MDM

Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/12/17

Project #: 1163.63443 | Pump/Controller ID#: FA01709 | Weather: Cloudy 50F

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 107.48 ft. bmp.

Depth to Water*: 11.27 ft.

Length of Water Column: _____ ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1126

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.30	12.29	6.26	138.99	-15.8	0.08	4.05	420	1.078
10	11.30	12.29	6.22	138.88	-8.6	0.03	2.37	420	
15	11.30	12.25	6.21	138.50	-3.3	0.01	3.25	420	
20	11.30	12.29	6.20	138.50	-0.10	0.00	3.08	420	
25	11.30	12.43	6.20	138.76	7.00	0.04	3.56	420	
30	11.30	12.30	6.20	138.81	2.10	0.00	3.46	420	
35	11.30	12.31	6.20	138.59	3.40	0.00	3.33	420	
40	11.30	12.33	6.20	138.19	4.20	0.00	2.53	420	
45	11.30	12.35	6.20	137.83	4.30	0.00	3.20	420	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1211 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.078

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0410-07 **Sample Time:** 1230

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA0C413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-106I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/12/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Cloudy, 60

Well Information:

Installed Depth of Well: 44.00 ft. bgs.

Measured Depth of Well*: 44.75 ft. bmp.

Depth to Water*: 9.49 ft.

Length of Water Column: 35.26 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 5.7 gal.

Pump Intake Depth: 39.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 12:02

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.17	13.00	7.18	3.75	-43.50	0.13	19.9	500	1.016
10	11.42	12.78	7.10	7.09	-54.20	0.10	18.9	500	
15	11.68	12.67	6.89	21.85	-57.50	0.09	19	500	
20	11.78	12.62	6.95	25.09	-64.20	0.08	10.04	500	
25	11.89	12.55	6.96	30.02	-65.70	0.08	3.07	500	
30	11.92	12.55	6.97	32.46	-66.70	0.09	1.81	500	1.016
35	11.96	12.55	6.99	32.83	-67.70	0.07	2.24	500	
40	11.94	12.55	6.97	35.95	-66.30	0.08	1.82	500	
45	11.92	12.50	6.98	35.67	-66.60	0.07	1.34	500	
50	11.90	12.48	6.98	36.61	-66.60	0.08	0.66	500	1.018
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:52 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.018

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0410-08 **Sample Time:** 13:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-06

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/12/2017
Project #:	1163.63443	Pump/Controller ID#:	FA03011	Weather:	40's cloudy

Well information:

Installed Depth of Well: 79.80 ft. bgs.
Measured Depth of Well*: 82.05 ft. bmp.
Depth to Water*: 16.20 ft.
Length of Water Column: 65.85 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.7 gal.
Pump Intake Depth: 74.8 ft. bgs.

*** Measurement Point:**

- [ ] Well Casing
- [X] Protective Casing
- [ ] Other:

Start Purge Time: 13:15

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.30	11.83	6.34	121.10	15.00	0.09	8.57	500	1.070
10	16.30	11.55	6.30	122.07	20.20	0.06	7.36	500	
15	16.30	11.46	6.29	121.49	22.70	0.05	8.62	500	
20	16.30	11.36	6.29	122.01	24.40	0.05	6.79	500	
25*	16.30	11.32	6.29	122.12	25.90	0.04	6.64	500	
30	16.30	11.29	6.29	122.42	26.30	0.04	6.4	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:48 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.070

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0410-09 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: *live reading taken iPod did not record

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-60S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/12/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Cloudy, 60

Well information:

Installed Depth of Well: 20.00 ft. bgs.

Measured Depth of Well*: 21.00 ft. bmp.

Depth to Water*: 12.31 ft.

Length of Water Column: 8.69 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.4 gal.

Pump Intake Depth: 15.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:58

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.38	14.14	6.82	11.90	-49.70	0.11	20	500	1.006
10	12.38	13.85	6.73	11.10	-51.90	0.09	11.3	500	
15	12.38	13.73	6.71	10.60	-53.00	0.08	5.56	500	
20	12.38	13.60	6.69	10.50	-53.30	0.08	4.83	500	
25	12.38	13.55	6.68	10.20	-53.80	0.08	2.84	500	
30	12.38	13.74	6.67	10.20	-54.10	0.07	1.15	500	1.004
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:29 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0410-10 **Sample Time:** 14:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01138
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-595

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: MDM
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/12/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Cloudy 50°F

Well Information:
Installed Depth of Well*: ____ ft. bmp.
Measured Depth of Well*: 21.80 ft. bmp.
Depth to Water*: 12.53 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1356
Initial Observations: Color: Light cloud | Odor: NO | Sheen/Free Product: NO

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.53	12.17	7.00	21.63	-86.2	0.00	68.8	500	1.012
10	12.53	11.99	6.97	21.73	-83.0	0.00	17.8	500	
15	12.53	12.00	6.96	21.76	-81.3	0.00	15.0	500	
20	12.53	11.98	6.96	21.69	-80.0	0.00	6.79	500	
25	12.53	12.04	6.95	21.69	-79.3	0.00	7.86	500	
30	12.53	12.24	6.95	21.71	-79.2	0.00	4.24	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1426 | Total volume of groundwater purged: 5 gallon(s). | *Specific Gravity:* 1.010
Final Observations: Color: Clear | Odor: NO | Sheen/Free Product: NO

Field Sample ID: SB915-0410-11 | **Sample Time:** 1445

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-03L

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP,AKK
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/13/2017
Project #:	1163.63443	Pump/Controller ID#:	FA00140	Weather:	40's mostly. Sunny

Well Information:

Installed Depth of Well: 76.00 ft. bgs.
Measured Depth of Well*: 78.20 ft. bmp.
Depth to Water*: 29.17 ft.
Length of Water Column: 49.03 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 8.0 gal.
Pump Intake Depth: 71.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:01

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.47	10.14	6.56	46.00	-0.70	0.11	74.1	440	1.020
10	29.50	10.19	6.49	51.15	-2.60	0.09	20.2	440	
15	29.50	10.14	6.47	51.67	-3.50	0.08	15.2	440	
20	29.50	10.09	6.47	50.57	-5.00	0.08	13.9	440	
25	29.50	10.09	6.45	51.91	-4.30	0.07	9.14	440	
30	29.50	10.11	6.43	54.05	-1.90	0.07	5.11	440	
35	29.50	10.15	6.41	55.61	0.50	0.07	5.51	440	
40	29.50	10.24	6.41	56.40	2.40	0.07	4.81	440	
45	29.50	10.19	6.40	57.43	3.10	0.07	4.35	440	
50	29.50	10.23	6.40	57.51	3.50	0.06	4.05	440	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:53 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0411-01 **Sample Time:** 10:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Pump is cavotating.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: JKK
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Sunny 55°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 64.91 ft. bmp.
Depth to Water*: 29.70 ft.
Length of Water Column: 35.21 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1056
Initial Observations: Color: clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	29.80	11.50	7.17	0.89	-44.80	0.13	36.1	420	1.004
10	29.80	11.50	7.15	0.93	-47.90	0.10	28.7	420	
15	29.80	11.50	7.17	0.96	-51.40	0.08	19.3	420	
20	29.80	11.50	7.17	0.96	-51.40	0.08	15.3	420	
25	29.80	11.55	7.18	1.03	-53.20	0.07	11.5	420	1.002
30	29.80	11.52	7.18	1.05	-53.10	0.07	10.64	420	
35	29.80	11.50	7.18	1.05	-53.00	0.06	8.81	420	
40	29.80	11.40	7.18	1.06	-52.50	0.06	6.29	420	
45	29.80	11.18	7.17	1.06	-50.80	0.06	7.14	420	
50	29.80	11.18	7.17	1.07	-50.20	0.06	5.35	420	
55	29.80	11.25	7.17	1.06	-50.00	0.06	4.84	420	1.000
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1156 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.000
Final Observations: Color: clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0411-02 **Sample Time:** 1205

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA0043
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/13/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 55 SUNNY

Well Information:

Installed Depth of Well: 93.00 ft. bgs.

Measured Depth of Well*: 95.19 ft. bmp.

Depth to Water*: 23.66 ft.

Length of Water Column: 71.53 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 11.7 gal.

Pump Intake Depth: 88.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:53

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	24.90	13.96	7.29	2.96	-37.90	2.97	65.6	300	1.004
10	25.32	12.46	7.13	3.02	0.10	0.12	53.1	300	
15	25.50	12.63	7.08	3.01	9.20	0.08	41.6	300	
20	25.50	12.55	7.05	3.02	-1.30	0.08	30.8	300	
25	25.55	12.52	7.04	3.01	-0.70	0.07	18.4	300	
30	25.65	12.59	7.03	3.01	3.20	0.06	12.4	300	
35	25.70	12.55	7.02	3.03	5.80	0.06	9.85	300	
40	25.75	12.64	7.02	3.03	5.80	0.05	7.84	300	
45	25.79	12.18	7.01	3.04	6.40	0.06	7.07	300	
50	25.82	11.90	7.01	3.04	6.80	0.05	7.95	300	
55	25.80	12.04	7.00	3.08	7.00	0.06	7.5	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:50 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0411-03 **Sample Time:** 12:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-70S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/13/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 55 sunny

Well information:

Installed Depth of Well: 25.00 ft. bgs.

Measured Depth of Well*: 26.35 ft. bmp.

Depth to Water*: 17.94 ft.

Length of Water Column: 8.41 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.4 gal.

Pump Intake Depth: 20.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:11

Initial Observations: *Color:* Very slightly cloudy *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.95	12.92	6.94	18.49	-27.90	0.09	103.6	500	1.020
10	17.95	12.73	6.89	18.56	-29.10	0.07	52.5	500	
15	17.90	12.64	6.87	18.56	-29.30	0.06	27.6	500	
20	17.95	12.56	6.85	18.62	-29.30	0.05	15.2	500	
25	17.95	12.57	6.84	18.40	-29.20	0.05	7.67	500	
30	17.95	12.59	6.83	18.40	-29.00	0.05	5.71	500	
35	17.95	12.62	6.82	18.36	-29.20	0.05	3.5	500	
40	17.95	12.55	6.82	18.42	-29.30	0.05	2.75	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:53 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0411-04 **Sample Time:** 14:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-701

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/13/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: partly cloudy 58°

Well Information:
Installed Depth of Well*: 63.00 ft. bmp.
Measured Depth of Well*: 61.80 ft. bmp.
Depth to Water*: 18.88 ft.
Length of Water Column: 42.92 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1316

Initial Observations: Color: Clear Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.90	12.41	6.49	93.60	-16.00	0.09	43.7	500	1.050
10	18.90	12.29	6.49	93.01	-19.50	0.07	18.0	500	
15	18.90	12.24	6.49	92.70	-21.40	0.05	8.31	500	1.050
20	18.90	12.29	6.49	92.74	-22.50	0.05	5.50	500	
25	18.90	12.28	6.49	92.44	-23.30	0.05	5.31	500	
30	18.90	12.29	6.49	92.73	-23.60	0.04	3.51	500	1.048
35	18.90	12.24	6.49	92.71	-23.90	0.04	3.64	500	1.048
40									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1354 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.048

Final Observations: Color: Clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0411-05 **Sample Time:** 1400

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-108S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10/13/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well: 25.00 ft. bgs.
Measured Depth of Well*: 27.15 ft. bmp.
Depth to Water*: 25.80 ft.
Length of Water Column: 1.35 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 0.2 gal.
Pump Intake Depth: 20.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water for low flow or purge/sample									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: NA **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-02S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Penstaltic | Date: 10/16/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Rain; 44°F

Well Information:
Installed Depth of Well*: 16.00 ft. bmp.
Measured Depth of Well*: 20.25 ft. bmp.
Depth to Water*: 6.02 ft.
Length of Water Column: 14.23 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0911
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.95	15.35	6.19	44.86	-81.4	0.04	8.89	500	1.023
10	10.26	15.52	6.21	41.94	-89.4	0.02	2.75	500	
15	10.54	15.54	6.20	43.20	-81.6	0.00	3.27	490	
20	10.73	15.51	6.19	44.85	-71.4	0.00	3.13	490	
25	11.00	15.47	6.18	45.71	-63.1	0.00	4.33	490	
30	~~11.54~~	15.49	6.17	46.16	-58.0	0.00	2.91	500	
35	11.35	15.38	6.17	46.21	-53.9	0.00	5.41	500	
40	11.70	~~15.45~~ 15.52	6.17	45.31	-52.6	0.00	11.40	500	
45	11.73	15.35	6.17	44.67	-52.2	0.00	12.00	500	
50	11.80	15.29	6.16	44.25	-51.5	0.00	17.00	500	
55	11.95	15.25	6.17	43.70	-51.4	0.00	23.00	500	
60	12.07	15.20	6.17	43.52	-50.9	0.01	24.10	500	
65	12.12	15.16	6.17	43.38	-50.3	0.01	23.30	500	
70	12.27	15.32	6.17	43.34	-50.4	0.01	22.50	500	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 1026 Total volume of groundwater purged: 11 gallon(s). *Specific Gravity:* 1.020
Final Observations: Color: Clear Odor: Sl. Iron Sheen/Free Product: No

Field Sample ID: SB915-0412-01 (02/03)MS/MSD **Sample Time:** 1053

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00436
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-035

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AZK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/16/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Rainy/overcast 48°

Well Information:
Installed Depth of Well*: 24.00 ft. bmp.
Measured Depth of Well*: 26.11 ft. bmp.
Depth to Water*: 8.29 ft.
Length of Water Column: 17.82 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: ____ gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0917
Initial Observations: *Color:* clear *Odor:* slight sulfur *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
11.42 5	10.7	13.07	6.22	51.31	-39.90	0.09	28.3	500	1.030
10	[illegible]	13.25	6.27	43.63	-51.20	0.10	52.6	380	1.020
15	11.63	13.34	6.27	42.85	-49.70	0.09	60.6	380	
20	11.80	13.34	6.26	42.83	-48.50	0.08	54.2	380	
25	12.21	13.31	6.24	43.45	-48.70	0.07	44.5	380	
30	12.55	13.28	6.24	43.70	-50.70	0.07	35.0	380	
35	13.12	13.28	6.25	44.11	-53.10	0.07	18.7	380	
40	13.34	13.19	6.26	44.65	-56.00	0.07	12.6	380	
45	13.48	13.23	6.26	45.47	-57.90	0.08	8.95	380	
50	13.75	13.14	6.26	46.29	-58.90	0.08	5.18	380	
55	—	13.08	6.25	47.62	-59.90	0.07	—	380	
60	14.1	13.19	6.25	48.46	-61.10	0.07	3.76	380	
65	14.33	13.19	6.24	49.14	-61.10	0.07	3.15	380	
70	14.53	13.33	6.23	49.81	-62.50	0.07	2.64	380	
75	14.64	13.24	6.23	50.34	-63.50	0.07	3.08	380	1.024
80									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

53
33
80

End Purge Time: 1035 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.024
Final Observations: *Color:* clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0412-04 r05 (FD) **Sample Time:** (1104)

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-05S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/16/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Rainy/overcast 48°

Well Information:
Installed Depth of Well*: 20.00 ft. bmp.
Measured Depth of Well*: 18.12 ft. bmp.
Depth to Water*: 5.61 ft.
Length of Water Column: 12.51 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.00 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 1158
Initial Observations: *Color:* Clear *Odor:* no *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.66	16.24	11.32	21.37	-125.60	0.07	4.70	500	1.010
10	5.80	16.69	11.34	21.02	-123.10	0.06	1.71	500	
15	5.83	16.93	11.36	21.10	-121.70	0.08	0.60	500	
20	5.85	16.75	11.38	21.22	-120.50	0.07	0.61	500	
25	5.85	16.75	11.38	21.23	-104.20	0.05	0.29	500	1.010
30	5.90	16.91	11.38	21.14	-126.80	0.04	0.47	500	
35	5.92	16.97	11.39	21.08	-125.40	0.04	0.33	500	
40	5.95	16.89	11.34	21.08	-132.00	0.04	0.54	500	1.010
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1242 Total volume of groundwater purged: 6.5 gallon(s). *Specific Gravity:* 1.010

Final Observations: *Color:* Clear *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0412-06 **Sample Time:** 1250

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-04S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/16/17

Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Overcast, 45°F

Well Information:

Installed Depth of Well*: 16.00 ft. bmp.

Measured Depth of Well*: 17.84 ft. bmp.

Depth to Water*: 9.82 ft.

Length of Water Column: 8.02 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1201

Initial Observations: Color: Clear Odor: ~~Sulfur~~ No AF Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.05	15.41	6.69	6.59	-134.1	0.00	3.93	500	1.002
10	11.15	15.56	6.75	6.81	-138.1	0.00	4.14	500	
15	11.25	15.51	6.79	6.89	-135.7	0.00	4.78	500	
20	11.32	15.38	6.83	6.98	-133.6	0.00	4.85	500	
25	11.41	15.44	6.86	7.02	-131.8	0.00	4.26	500	
30	*	15.47	6.88	7.04	-129.5	0.00	3.22	500	
35	*	15.47	6.90	7.01	-126.4	0.03	13.30	500	
40	*	15.31	6.91	7.02	-122.5	0.03	15.0	500	
45	11.90	15.12	6.92	7.03	-123.3	0.00	14.1	500	
50	#1-12	14.93	6.93	7.01	-123.3	0.00	9.52	500	
55	#1-12	14.98	6.93	7.00	-121.5	0.00	8.34	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1302 Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.002

Final Observations: Color: Clear Odor: Sl. Organic Sheen/Free Product: No

Field Sample ID: SB915-0412-07 **Sample Time:** 1311

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: * Probe malfunction

Low Flow Groundwater Sampling Log

Well ID: SB915-IMW-06S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/16/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Overcast, 45°F

Well Information:
Installed Depth of Well*: 14.00 ft. bmp.
Measured Depth of Well*: 15.35 ft. bmp.
Depth to Water*: 4.58 ft.
Length of Water Column: 10.77 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1342
Initial Observations: Color: Clear Odor: Waste Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	5.26	15.34	11.75	19.17	-285.4	0.0	2.18	500	1.007
10	5.30	15.52	11.74	19.15	-285.2	0.0	1.13	500	
15	5.30	15.56	11.71	19.06	-286.1	0.0	1.08	500	
20	5.30	15.56	11.70	19.02	-286.2	0.0	0.91	500	
25	5.30	15.60	11.70	19.13	-287.9	0.0	0.90	500	
30	5.30	15.62	11.71	19.22	-289.6	0.0	1.02	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1420 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.008
Final Observations: Color: Clear Odor: Waste Sheen/Free Product: No

Field Sample ID: SB915-0412-03 **Sample Time:** 1435

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/16/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 40's rain

Well information:

Installed Depth of Well: 74.00 ft. bgs.

Measured Depth of Well*: 73.65 ft. bmp.

Depth to Water*: 8.74 ft.

Length of Water Column: 64.91 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.6 gal.

Pump Intake Depth: 69.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:01

Initial Observations: *Color:* Slightly orange *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.15	12.40	6.98	90.00	-50.00	0.10	81.9	400	1.050
10	9.15	12.56	6.72	90.40	-44.00	0.07	29	400	
15	9.15	12.17	6.64	90.70	-42.20	0.06	24.8	400	
20	9.15	12.15	6.60	91.10	-41.30	0.60	27.5	400	
25	9.15	11.97	6.56	91.50	-40.80	0.06	21.1	400	
30	9.15	11.83	6.56	92.00	-40.40	0.05	18.5	400	
35	9.15	11.77	6.55	91.90	-39.90	0.05	16.6	400	
40	9.15	11.41	6.54	91.60	-39.00	0.05	15.4	400	
45	9.15	11.41	6.54	91.90	-38.60	0.05	13.2	400	
50	9.15	11.44	6.53	92.00	-38.60	0.05	11.4	400	
55	9.15	11.32	6.53	92.00	-37.90	0.05	10.5	400	
60	9.15	11.26	6.53	91.90	-37.20	0.05	9.58	400	
65	9.15	11.41	6.53	91.90	-37.20	0.05	7.2	400	
70	9.15	11.45	6.52	92.00	-37.00	0.05	7.2	400	
75	9.15	11.60	6.52	91.60	-36.90	0.05	7.09	400	
80	9.15	11.64	6.52	91.90	-36.50	0.05	7.1	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:31 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.050

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0412-09 **Sample Time:** 14:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA00438
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-1MW-018

Site Name: SB915 Closure / SCA | Sampling Method: LOW Flow | Field Personnel: AICK

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/16/17

Project #: 1163.63443 | Pump/Controller ID#: FA0[illegible]79 | Weather: Rainy 45°

Well Information:

Installed Depth of Well*: _____ ft. bmp.

Measured Depth of Well*: 20.05 ft. bmp.

Depth to Water*: 7.76 ft.

Length of Water Column: 12.29 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: _____ gal.

Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**

☒ Well Casing

☐ Protective Casing

☐ Other: _____

Start Purge Time: 1343

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	8.71	14.28	8.02	28.73	12.20	1.11	7.73	320	1.014
10	8.89	14.64	7.54	28.36	22.90	1.06	4.40	280	1.014
15	9.14	14.68	7.21	28.21	7.70	0.41	2.65	280	
20	9.59	14.64	6.99	28.11	-0.40	0.28	1.72	280	
25	9.61	14.64	6.84	28.07	-5.50	0.24	2.24	280	
30	9.82	14.68	6.74	27.96	-12.20	0.24	1.94	280	
35	10.01	14.80	6.67	27.79	-10.50	0.33	1.60	280	
40	10.30	15.11	6.62	27.55	-10.90	0.40	2.70	280	
45	10.54	15.21	6.58	27.33	-10.40	0.39	1.71	280	
50	10.73	15.00	6.55	27.06	-12.70	0.30	1.79	280	
55	10.94	14.91	6.54	26.70	-15.20	0.15	0.88	280	
60	11.16	14.77	6.53	26.34	-14.20	0.10	0.79	280	
65	11.31	14.73	6.51	26.39	-13.10	0.10	0.94	280	1.020
70								280	
75									
80									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1450 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0412-10 **Sample Time:** 1515

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1139
Turbidity Meter:	LaMotte	2020we	FA0 0413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-40S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10/16/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well: 45.00 ft. bgs.
Measured Depth of Well*: 45.09 ft. bmp.
Depth to Water*: ft.
Length of Water Column: ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.
Pump Intake Depth: 40.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well is dry.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-43S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10/15/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather: 40's cludy

Well information:

Installed Depth of Well: 45.00 ft. bgs.
Measured Depth of Well*: 46.96 ft. bmp.
Depth to Water*: 46.60 ft.
Length of Water Column: 0.36 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 0.1 gal.
Pump Intake Depth: 40.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Not enough water to sample.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-50S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10/16/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well: 35.00 ft. bgs.
Measured Depth of Well*: 36.20 ft. bmp.
Depth to Water*: NA ft.
Length of Water Column: #VALUE! ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: #VALUE! gal.
Pump Intake Depth: 30.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well is dry.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-51S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 10/16/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 35.00 ft. bgs.

Measured Depth of Well*: 35.25 ft. bmp.

Depth to Water*: NA ft.

Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.

Pump Intake Depth: 30.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well is dry.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP
Site Location: Camillus, NY | Pump Type Used: | Date: 10/16/2017
Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:
Installed Depth of Well: 14.00 ft. bgs.
Measured Depth of Well*: 15.69 ft. bmp.
Depth to Water*: NA ft.
Length of Water Column: #VALUE! ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: #VALUE! gal.
Pump Intake Depth: 9.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time:
Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well is dry.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*
Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915 - MW-85D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sunny 50's

Well Information:
Installed Depth of Well*: 77.50 ft. bmp.
Measured Depth of Well*: 79.70 ft. bmp.
Depth to Water*: 13.26 ft.
Length of Water Column: ____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 10.9 gal.
Pump Intake Depth*: ____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: ____

Start Purge Time: 0945
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (uS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.28	11.91	6.55	108280.10	-77.70	0.08	74.5	500	1.060
10	13.28	11.55	6.58	108570.40	-81.60	0.06	37.3	500	
15	13.28	11.50	6.60	108344.10	-83.10	0.05	47.7	500	
20	13.28	11.54	6.61	107819.00	-83.10	0.05	38.2	500	
25	13.28	11.61	6.61	108495.80	-82.50	0.05	20.4	500	
30	13.28	11.55	6.61	108275.90	-82.10	0.05	27.0	500	
35	13.28	11.51	6.61	108147.90	-81.80	0.04	26.4	500	
40	13.28	11.54	6.62	108301.60	-80.90	0.04	18.9	500	
45	13.28	11.55	6.62	107948.50	-81.10	0.04	27.7	500	
50	13.28	11.64	6.62	108583.50	-80.70	0.04	20.6	500	
55	13.28	11.59	6.62	108227.30	-80.40	0.04	18.6	500	
60	13.28	11.64	6.62	108183.00	-80.30	0.04	18.9	500	
65	13.28	11.64	6.62	107675.70	-79.60	0.04	15.3	500	
70	13.28	11.60	6.62	107799.20	-78.90	0.04	15.5	500	
75	13.28	11.56	6.62	108357.20	-78.00	0.04	14.8	500	1.060
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: ~~1200~~ 1200 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.060

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0413-01 **Sample Time:** 1215

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: ____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Sampling Method: Purge and Sample | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/16/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 15.00 ft. bgs.

Measured Depth of Well*: 18.65 ft. bmp.

Depth to Water*: 10.04 ft.

Length of Water Column: 8.61 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.4 gal.

Pump Intake Depth: 10.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 11:05

Initial Observations: *Color:* Slightly cloudy *Odor:* Waste *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	11.60	12.71	10.49	44.00	37.40	0.06	16.9	240	1.024
10*		12.86	10.51	43.80	-21.90	0.06		240	
15	12.45	12.79	10.48	41.60	-50.80	0.06	15.5	200	
20	13.62	12.61	10.37	44.00	-61.40	0.04	19.4	200	
25	14.55	12.57	10.29	45.00	-78.20	0.03	24.6	200	
30	14.70	12.83	10.22	46.20	-328.60	0.02	30.2	200	
35**	14.92	12.96	9.78	47.30	-141.50	1.84	35.6	100	
40	15.00	12.80	10.11	48.70	-206.80	0.10	48.4	100	
45	15.14	12.48	9.92	49.60	-339.30	0.02	61.1	100	
50	15.30	12.37	9.78	50.50	-407.30	0.02	53.3	100	
55	15.45	12.50	9.70	51.30	-436.70	0.02	48.8	100	
60	15.60	12.47	9.70	51.70	-452.20	0.02	40.5	100	
65	15.80	12.79	9.72	52.40	-465.30	0.02	33.6	100	
70	15.95	13.43	9.76	52.70	-475.70	0.02	19.5	100	
75	16.15	13.19	9.86	52.90	-491.40	0.01	24.4	100	
80	16.24	12.79	10.05	53.70	-507.60	0.01	19.9	100	
85	16.50	13.25	10.21	53.90	-520.30	0.01	19.8	100	
90	16.60	13.47	10.42	54.00	-531.10	0.01	19.8	100	
95	16.65	13.56	10.65	54.10	-366.60	0.09	14	100	
100	16.70	12.94	11.00	56.00	-382.30	0.01	11.4	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:50 Total volume of groundwater purged: _____ gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* V slightly cloudy *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0413-02 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes: Well was purged dry after 100 min.

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-10U

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 10/17/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
10/17/2017	10.50	15.53	9.70	58.12	-8.10	1.65	30.7	NA	1.030

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-1135

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/17/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 49°F

Well Information:
Installed Depth of Well*: 28.00 ft. bmp.
Measured Depth of Well*: 29.35 ft. bmp.
Depth to Water*: 11.38 ft.
Length of Water Column: 17.97 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 2.93 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 1040
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	13.98	13.42	11.45	24.35	-548.3	0.00	9.90	400	1.012
10	15.02	12.94	11.18	25.42	-501.7	0.00	108.9*	380	
15 **	14.89	12.95	10.82	26.98	-471.9	0.00	118*	360	
20	15.38	13.21	8.67	29.80	-315.0	0.00	152*	380	
25 ***	—	12.93	10.33	18.48	-587.6	0.00	—	380	
30 ***	14.56	13.71	10.78	26.57	-593.9	0.00	—	—	
35	15.92	12.55	11.46	24.03	-552.9	0.00	20*	400	
40	16.57	12.71	10.79	26.99	-514.9	0.00	100*	420	
45	16.72	12.66	10.82	26.95	-520.5	0.00	52	420	
50	16.88	12.66	10.73	27.13	-520.3	0.00	43.1	420	
55	16.97	12.75	10.68	27.21	-524.9	0.00	25.7*	420	
60	16.99	12.75	10.52	27.38	-526.8	0.00	22.1*	420	
65	16.99	12.75	10.25	27.167	-521.0	0.00	31.6*	420	
70	16.99	12.78	10.24	27.160	-541.1	0.00	34.9*	420	
75	16.91	12.76	10.15	27.67	-548.6	0.00	1085 AV*	420	
80	16.91	12.76	9.66	28.00	-544.4	0.00	24.7*	400	
85	17.14	12.75	10.65	27.216	-633.1	0.00	15.0*	400	
90	17.20	12.75	10.65	27.28	-625.2	0.00	22.6*	400	
95	17.24	12.70	10.54	27.41	-619.8	0.00	25.0*	400	
100	17.22	12.70	10.20	27.71	-601.9	0.00	23.0*	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1340 Total volume of groundwater purged: 22 gallon(s). Specific Gravity: 1.012
Final Observations: Color: Translucent w/ white precipitate Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0413-03 Sample Time: ~~1450~~ 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:
* White precipitate in water
** Switched to higher drive on pump, disconnected temporarily for 1-2 min
*** Pump stopped, possibly the flex tubing?

Low Flow Groundwater Sampling Log

Well ID: MW-113S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: AJF | Date: 10/17/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	17.15	12.62	10.02	27.70	-599.5	0.00	29.5*	420	
110	17.10	12.63	9.45	28.03	-574.6	0.00	28.4*	420	
115	16.98	12.52	10.20	27.62	-640.2	0.00	21.8*	420	
120	16.93	12.49	10.14	27.77	-635.2	0.00	25.0*	400	
125	16.92	12.48	9.79	27.97	-614.8	0.00	—*	400	
130	16.92	12.43	10.40	27.59	-616.3	0.00	—*	400	
135	16.92	12.44	10.86	26.93	-688.3	0.00	—*	400	
140	17.05	12.39	10.72	27.28	-679.4	0.00	—*	420	
145	17.15	12.40	10.66	27.42	-673.3	0.00	—*	420	1.012
150	17.21	12.39	10.44	27.72	-658.1	0.00	—*	420	
155	17.27	12.46	10.48	27.65	-660.6	0.00	—*	420	
160	17.24	12.48	10.37	27.72	-652.3	0.00	—*	420	
165	17.28	12.48	10.28	27.67	-647.8	0.00	—*	420	
170	17.25	12.53	10.23	27.71	-645.5	0.00	—*	420	
175	17.22	12.53	10.03	27.81	-636.0	0.00	—*	420	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

*Sampled due to over 3 well vol. being taken.

Notes: * White particulate - giving negative/inaccurate readings

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Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sunny 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 79.64 ft. bmp.
Depth to Water*: 10.87 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☐ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1305
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	10.87	13.27	6.25	87.80	7.60	0.11	7.13	500	1.044
10	10.87	13.16	6.22	87.50	~~15.30~~ 15.30	0.08	2.25	500	
15	10.87	13.11	6.22	87.80	19.90	0.07	2.07	500	
20	10.87	12.95	6.21	88.00	25.70	0.06	1.51	500	
25	10.87	12.82	6.21	88.10	29.60	0.06	1.52	500	1.044
30	10.87	12.76	6.21	88.40	30.00	0.06	2.11	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1335 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.044
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0413-04 **Sample Time:** 1345

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes: Forgot to finish low flow on iPad. Disregard readings after 30 minutes.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-110S

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: | Date: 10/17/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.05 ft. bmp.

Depth to Water*: 5.00 ft.

Length of Water Column: 15.05 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.5 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

- [ ] Well Casing
- [X] Protective Casing
- [ ] Other:

Start Purge Time: 13:45

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	6.10	15.32	8.80	7.88	-136.19	0.10	8.85	500	1.006
10	6.10	15.36	8.11	8.37	-118.90	0.08	3.29	500	
15	6.10	15.41	7.69	8.49	-109.50	0.08	1.48	500	
20	6.10	15.63	7.41	8.51	-102.90	0.08	1.92	500	
25	6.10	15.69	7.22	8.53	-97.60	0.08	2.8	500	
30	6.10	15.57	7.10	8.53	-93.90	0.08	3	500	
35	6.10	15.68	7.02	8.49	-91.30	0.08	4.12	500	
40	6.10	15.71	6.96	8.46	-89.00	0.08	4.67	500	
45	6.10	15.59	6.91	8.49	-86.80	0.08	4.31	500	
50	6.10	15.55	6.88	8.50	-85.10	0.08	4.25	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:35 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:*

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0413-05 **Sample Time:** 14:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07U

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: DMR
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/17/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sunny 50's

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: ~~24.69~~ ft. bmp. 55.71
Depth to Water*: 9.68 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1351
Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.73	13.53	6.63	20.50	-11.00	0.09	6.60	500	1.010
10	9.73	13.16	6.61	20.50	-9.20	0.07	3.68	500	
15	9.73	13.57	6.60	20.70	-8.60	0.06	1.64	500	
20	9.73	13.20	6.59	20.80	-7.30	0.05	1.53	506	
25	9.73	13.65	6.59	20.50	-5.90	0.05	1.85	500	
30	9.73	13.75	6.59	20.50	-2.90	0.04	1.58	500	1.010
35	9.73	13.53	6.58	20.60	-1.60	0.05	1.77	500	
Stabilization	Δ ≤ 0.3'	±3%	± 0.1	±3%	± 10 mV	±10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1427 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0413-06 **Sample Time:** 1435

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA0 1168
Turbidity Meter:	LaMotte	2020we	FA0011
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sun, 60F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 24.35 ft. bmp.
Depth to Water*: 8.88 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0926
Initial Observations: Color: Clear Odor: H.S., Iron Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.96	13.14	6.14	69.00	-10.5	0.08	10.86	500	1.036
10	9.86	13.01	6.22	55.50	-30.7	0.07	55.20	500	
15	9.86	13.00	6.35	42.70	-44.2	0.06	30.40	500	
20	9.86	12.85	6.40	37.40	-51.0	0.06	23.50	500	
25	9.84	12.68	6.46	32.70	-56.4	0.05	20.30	500	
30	9.84	12.92	6.49	30.50	-59.3	0.05	16.20	500	
35	9.78	13.07	6.53	27.40	-62.8	0.05	24.20	500	1.016
40	9.74	13.02	6.54	28.30	-64.7	0.05	36.10	500	
45	9.73	13.06	6.55	26.40	-65.8	0.04	19.20	500	
50	9.73	13.20	6.57	25.30	-68.4	0.04	16.80	500	
55	9.73	13.22	6.58	24.70	-70.4	0.04	13.70	500	
60	9.73	13.22	6.57	24.70	-70.6	0.04	12.90	500	
65	9.73	12.99	6.55	25.20	-70.6	0.04	12.60	500	
~~70~~ EAF									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1045 Total volume of groundwater purged: 12 gallon(s). *Specific Gravity:* 1.012
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0414-~~MW~~ 01 **Sample Time:** 1100

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:	-		

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-09L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/18/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: 60's sunny

Well Information:

Installed Depth of Well: 74.00 ft. bgs.

Measured Depth of Well*: 74.00 ft. bmp.

Depth to Water*: 7.50 ft.

Length of Water Column: 66.50 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.8 gal.

Pump Intake Depth: 69.0 ft. bgs.

*** Measurement Point:**

[ ] Well Casing

[X] Protective Casing

[ ] Other:

Start Purge Time: 9:51

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	7.50	14.07	6.20	90.51	-56.70	0.02	58.4	500	1.050
10	7.50	13.71	6.17	89.83	-54.00	0.00	48.4	500	
15	7.50	13.66	6.15	89.80	-51.60	0.00	28.6	500	
20	7.50	13.58	6.15	89.40	-48.10	0.00	22.5	500	
25	7.50	13.66	6.15	89.50	-46.60	0.00	18.2	500	
30	7.50	13.62	6.15	88.85	-43.30	0.00	16	500	
35	7.50	13.66	6.15	89.16	-40.90	0.00	15.9	500	
40	7.50	13.74	6.15	88.69	-39.20	0.00	10.44	500	
45	7.50	13.72	6.16	88.85	-37.60	0.00	9.43	500	
50	7.50	13.62	6.16	88.93	-35.40	0.00	8.27	500	
55	7.50	13.62	6.16	88.93	-35.40	0.00	6.25	500	
60	7.50	13.62	6.16	88.87	-34.90	0.00	4.92	500	
65	7.50	13.59	6.17	89.09	-33.80	0.00	4.45	500	
70	7.50	13.72	6.17	88.79	-33.20	0.00	4.99	500	
Stabilization	$\Delta \leq 0.3'$	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	$100 \leq X \leq 500$	

End Purge Time: 11:20 Total volume of groundwater purged: 10.0 gallon(s). *Specific Gravity:* 1.050

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0414-02 **Sample Time:** 11:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/17
Project #: 1163.63443 | Pump/Controller ID#: FA01719 | Weather: Sunny 54°F

Well Information:
Installed Depth of Well*: 20.00 ft. bmp.
Measured Depth of Well*: 20.22 ft. bmp.
Depth to Water*: 15.02 ft.
Length of Water Column: 5.20 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
x3 = 2.54
Well Volume: 0.85 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0936

Initial Observations: *Color:* Clear *Odor:* no *Sheen/Free Product:* no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	16.2	12.40	7.16	11.50	155.80	0.15	1.59	300	1.008
10	16.53	12.42	7.41	11.72	125.70	0.38	1.33	260	1.006
15	16.75	12.47	7.51	12.06	112.80	0.54	1.25	180	
20	17.12	12.47	7.53	12.42	102.40	0.73	1.38	180	
25	17.35	12.51	7.64	12.82	99.70	0.87	2.88	180	
30	17.85	12.45	7.71	13.11	107.00	1.06	6.24	180	
35	18.12	12.49	7.76	13.48	114.60	1.21	8.11	180	
40	18.5	12.56	7.81	13.77	136.10	1.52	12.9	180	
45	18.6	12.60	7.87	14.04	198.00	1.63	14.5	180	
50	18.90	12.49	7.96	14.59	301.20	1.87	56.7	180	
55	18.95	12.51	7.99	14.81	329.60	2.07	102	180	
60	19.12	12.65	8.03	15.01	330.10	1.91	101	180	
65	19.25	12.56	8.06	15.21	313.90	1.97	128	180	
70	19.30	12.70	8.10	15.33	302.00	1.85	109.4	180	
75	19.32	12.61	8.12	15.28	312.30	1.72	91.2	186	
80	19.35	12.70	8.14	15.79	277.10	3.05	80.6	180	
85	19.35	12.65	8.15	15.91	295.30	3.52	85.9	180	
90	19.32	12.78	8.17	15.95	296.90	1.87	79.4	180	
95	19.23	13.02	8.19	15.99	295.40	1.37	63.4	180	
100	19.25	12.97	8.19	16.10	294.20	1.50	60.7	180	1.008
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1126 Total volume of groundwater purged: 5.5 gallon(s). *Specific Gravity:* 1.008

Final Observations: *Color:* cloudy water *Odor:* no *Sheen/Free Product:* no

Field Sample ID: SB915-0418-03 **Sample Time:** 1140

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sun, 65°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 65.70 ft. bmp.
Depth to Water*: 9.23 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1117
Initial Observations: Color: Sl. Cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.22	13.19	6.36	84.00	23.10	0.09	51.9	~~57.9~~ 500	1.042
10	9.22	13.30	6.40	83.40	19.60	0.07	11.9	500	
15	9.22	13.51	6.39	82.60	19.60	0.05	9.34	500	
20	9.22	13.20	6.38	82.50	19.60	0.05	7.81	500	
25	9.22	13.42	6.37	82.00	20.00	0.05	7.61	500	
30	9.22	13.37	6.37	82.10	20.80	0.04	7.55	500	
35	9.22	13.00	6.36	82.90	21.70	0.05	7.33	500	
40	9.22	13.28*	6.36	82.30	21.50	0.05	7.31	500	
45	9.22	12.64*	6.36	83.60	20.90	0.05	7.18	500	
50	9.22	12.96*	6.36	83.00	20.20	0.05	7.43	500	
55	9.22	13.03*	6.36	83.10	19.30	0.04	7.09	500	
60	9.22	12.55*	6.35	83.60	19.10	0.05	7.38	500	
65	9.22	12.87*	6.36	82.80	19.30	0.04	7.47	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1235 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0414-04 **Sample Time:** 1255

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00913
Other:			

Notes: * Temp. changes ~~likely possible~~ due to differing amounts of sunlight based on sampler's changing positions. Everything else is stable, opting to sample.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-112I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK

Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/17

Project #: 1163.63443 | Pump/Controller ID#: PA01719 | Weather: Sunny 60°

Well Information:

Installed Depth of Well*: 60.0 ft. bmp.

Measured Depth of Well*: 58.55 ft. bmp.

Depth to Water*: 17.25 ft.

Length of Water Column: 41.30 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 6.73 x3 = 20.2 gal.

Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

- [x] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 1205

Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.3	12.00	6.62	79.40	535.90	0.05	33.4	500	1.038
10	17.3	11.83	6.57	79.56	603.90	0.04	23.3	500	
15	17.3	11.77	6.55	79.55	608.00	0.04	15.0	500	
20	17.3	11.71	6.55	79.28	579.20	0.03	11.5	500	
25	17.3	11.66	6.54	78.74	485.80	0.03	7.88	500	
30	17.3	11.64	6.53	79.42	329.50	0.03	4.57	500	1.040
35	17.3	11.64	6.52	78.49	158.70	0.03	5.51	500	
40	17.3	11.60	6.52	78.53	58.90	0.02	3.38	500	
45	17.3	11.58	6.52	78.50	30.50	0.02	3.97	500	
50	17.3	11.59	6.52	78.69	17.30	0.02	4.13	500	
55	17.3	11.58	6.52	78.57	10.70	0.02	2.37	500	
60	17.3	11.59	6.51	78.54	6.60	0.02	3.06	500	1.040
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1309 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.040

Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0414-05 **Sample Time:** 1317

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05M

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	TBP
Site Location:	Camillus, NY	Pump Type Used:	Peristaltic Pump	Date:	10/18/2017
Project #:	1163.63443	Pump/Controller ID#:		Weather:	60 sunny

Well information:

Installed Depth of Well: 62.00 ft. bgs.
Measured Depth of Well*: 64.75 ft. bmp.
Depth to Water*: 19.50 ft.
Length of Water Column: 45.25 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 7.4 gal.
Pump Intake Depth: 59.5 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 11:43

Color: Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.90	14.39	6.71	29.89	-100.30	0.00	13	500	1.024
10	19.90	13.85	6.65	32.47	-103.20	0.00	10.15	500	
15	19.90	13.76	6.64	32.54	-101.70	0.00	6.48	500	
20	19.90	13.59	6.64	32.45	-99.70	0.00	6.65	500	
25	19.90	13.62	6.63	32.11	-98.80	0.00	6.31	500	
30	19.90	13.67	6.63	32.11	-97.50	0.00	6.25	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:17 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0414-06 **Sample Time:** 13:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-11D

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/18/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sun, 68°

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 99.15 ft. bmp.
Depth to Water*: 9.45 (flux.) ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1315
Initial Observations: Color: Clear Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	9.47	13.21	6.13	120.60	84.60	0.05	2.43	460	1.068
10	9.48	12.82	6.18	122.40	76.50	0.04	9.70	500	
15	9.48	12.64	6.20	123.50	75.70	0.03	9.10	500	
20	9.48	12.68	6.21	123.80	77.20	0.03	9.33	500	
25	9.48	12.97	6.21	123.40	86.40	0.02	8.95	500	
30	9.49	12.78	6.22	124.10	90.60	0.02	8.24	480	
35	9.48	12.67	6.22	125.90	94.80	0.02	8.36	480	
40	9.48	12.55	6.23	125.90	96.80	0.02	8.9 (AES) 8.15	480	
45	9.48	12.44	6.24	125.60	101.20	0.02	8.80	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1405 Total volume of groundwater purged: 7 gallon(s). *Specific Gravity:* 1.072
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0414-07 **Sample Time:** 1415

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109I

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 62°F

Well Information:
Installed Depth of Well*: 53.00 ft. bmp.
Measured Depth of Well*: 54.40 ft. bmp.
Depth to Water*: 16.97 ft.
Length of Water Column: 37.43 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 6.10 gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time: 0945
Initial Observations: Color: Sl. Cloudy Odor: No * Sheen/Free Product: No
* Sulfur smell in.

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm / mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	19.45	13.01	7.01	34.63	-141.7	0.10	22.0	500	1.012
10	22.35	13.09	7.22	33.81	-152.8	0.08	40.4	500	
15	22.95	13.00	7.28	31.48	-149.3	0.07	27.1	500	
20	23.36	13.01	7.27	28.54	-157.1	0.07	18.9	500	
25	23.84	12.91	7.24	26.24	-132.3	0.06	11.0	500	
30	23.91	12.82	7.22	25.38	-132.2	0.06	8.69	500	
35	23.98	12.83	7.22	24.02	-128.1	0.06	6.71	500	
40	24.06	12.87	7.22	22.84	-125.6	0.06	4.77	500	
45	24.10	12.86	7.22	22.39	-128.4	0.05	3.97	500	
50	24.13	12.91	7.22	21.60	-128.5	0.05	2.36	500	
55	24.14	12.91	7.22	21.06	-128.0	0.05	1.83	460	
60	24.15	12.92	7.22	20.59	-127.5	0.05	1.99	460	
65	24.16	12.92	7.22	20.32	-127.7	0.05	1.76	460	
70	24.16	12.99	7.22	19.65	-127.9	0.05	1.64	460	
75	24.17	13.01	7.22	19.21	-128.3	0.05	1.29	460	
80	24.19	13.01	7.22	19.29	-128.7	0.05	1.69	460	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1115 Total volume of groundwater purged: 12.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0415-01 (02/03) MS/MSD **Sample Time:** 1150

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: * MS/MSD Collected

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-109S

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/19/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sun, 68°F

Well Information:
Installed Depth of Well*: 14.00 ft. bmp.
Measured Depth of Well*: 15.64 ft. bmp.
Depth to Water*: 3.96 ft.
Length of Water Column: 11.68 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:25
Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
~~5~~	~~12.25~~ AF								1.016
5	4.24	15.91	12.31	40.51	-176.3	0.04	2.71	500	
10	4.26	15.80	12.36	39.09	-174.4	0.03	3.47	500	
15	4.27	15.69	12.38	39.36	-165.9	0.02	3.83	500	
20	4.28	15.54	12.38	39.62	-160.5	0.02	3.80	500	
25	4.28	15.43	12.39	39.78	-151.3	0.02	3.22	500	
30	4.29	15.43	12.40	39.83	-145.2	0.02	2.62	500	
35	4.29	15.40	12.40	39.84	-183.4	0.02	2.26	500	
40	4.28	15.32	12.40	40.08	-180.6	0.02	2.06	500	
45	4.27	15.41	12.40	40.17	-178.2	0.02	2.00	500	
50	4.27	15.54	12.40	40.14	-176.2	0.02	2.26	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1322 . Total volume of groundwater purged: 8.5 gallon(s). *Specific Gravity:* 1.016
Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0415-04 (05) FD* **Sample Time:** 1350

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: * FD collected

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-01L

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/20/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 74.80 ft. bgs.

Measured Depth of Well*: 68.90 ft. bmp.

Depth to Water*: 26.50 ft.

Length of Water Column: 42.40 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 6.9 gal.

Pump Intake Depth: 72.3 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:12

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.58	11.74	6.92	1.60	-108.10	0.02	6.18	300	1.002
10	26.58	12.02	6.90	1.60	-94.80	0.46	8.18	300	
15	26.58	11.65	6.91	1.60	-96.50	0.00	5.39	300	
20	26.58	11.80	6.92	1.60	-96.40	0.00	5.5	300	
25	26.58	11.75	6.92	1.60	-92.60	0.00	6.27	300	
30	26.58	11.79	6.92	1.60	-92.40	0.00	3.78	300	
35	26.58	12.16	6.92	1.60	-93.20	0.00	3.25	300	
40	26.58	12.31	6.92	1.60	-88.10	0.00	2.89	300	
45	26.58	12.48	6.92	1.60	-89.60	0.00	3.26	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:01 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0416-01 **Sample Time:** 11:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKK
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA03011 | Weather: Sunny 50°

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 59.40 ft. bmp.
Depth to Water*: 4.10 ft.
Length of Water Column: 55.30 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 9.01 gal. x3 = 27.04
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0955

Initial Observations: Color: Cloudy grey Odor: no Sheen/Free Product: no

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	4.43	13.24	6.41	54.47	-34.50	0.09	109.2	340	1.026
10	4.43	13.06	6.41	54.49	-29.10	0.06	118.0	320	1.026
15	4.43	13.06	6.41	54.51	-25.80	0.05	71.7	340	1.026
20	4.43	13.04	6.42	54.32	-23.60	0.04	60.3	340	
25	4.45	13.02	6.42	54.59	-21.70	0.04	39.5	340	
30	4.47	12.98	6.42	54.54	-20.00	0.04	37.8	340	
35	4.47	13.02	6.42	54.71	-18.50	0.03	27.8	340	
40	4.47	13.02	6.42	54.65	-17.40	0.03	21.3	340	
45	4.47	13.03	6.42	54.75	-16.40	0.03	16.7	360	1.026
50	4.47	13.03	6.43	54.76	-15.60	0.03	14.5	360	
55	4.47	13.11	6.43	54.65	-14.80	0.03	11.4	360	
60	4.48	13.11	6.43	54.66	-13.90	0.03	9.60	360	
65	4.48	13.12	6.43	54.70	-13.20	0.03	11.60	360	
70	4.51	13.04	6.44	54.65	-12.50	0.03	7.38	360	
75	4.51	13.03	6.43	54.75	-12.10	0.02	7.02	360	1.026
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1114 Total volume of groundwater purged: 7.25 gallon(s). *Specific Gravity:* 1.026

Final Observations: Color: clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0416-02 **Sample Time:** 1121

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00413 → would not stay on
Other:			

Notes: used FA00438

Low Flow Groundwater Sampling Log

Well ID: WB18-MW-14BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Peristaltic | Date: 10/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: Sun, 57°F

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 130.60 ft. bmp.
Depth to Water*: 1.10 ft.
Length of Water Column: 129.50 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☒ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 1000
Initial Observations: Color: Sl. cloudy Odor: No Sheen/Free Product: No

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm) — circle units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	1.15	13.58	6.15	197.56	-15.0	0.03	68.4	500	1.006
10	1.10	13.61	6.36	196.50	-24.9	0.02	25.6	500	
15	1.00	13.60	6.43	193.01	-23.4	0.02	17.0	500	
20	1.00	13.55	6.45	191.68	-22.4	0.02	20.3	500	1.114
25	1.00	13.42	6.46	193.00	-25.1	0.02	18.4	500	
30	1.00	13.46	6.46	191.06	-23.2	0.01	13.2	480	
40* 35	1.00	13.59	6.46	191.63	-18.7	0.01	11.0	480	
40 45	1.00	13.56	6.46	192.29	-11.4	0.01	11.6	480	1.116
48	—								*
50 50	1.00	13.55	6.46	192.50	-16.6	0.01	8.88	480	
55	1.00	13.60	6.46	192.88	-16.9	0.01	7.68	470	
60	1.00	13.57	6.46	192.98	-16.4	0.01	16.4	470	
65	1.00	13.60	6.46	189.75	-15.9	0.01	9.38	470	
70	1.00	13.67	6.46	191.96	-15.4	0.01	8.91	470	
75	1.00	13.74	6.46	191.31	-14.8	0.01	8.44	470	
80	1.00	13.73	6.46	191.92	-14.10	0.01	8.35	470	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1130 Total volume of groundwater purged: 13 gallon(s). Specific Gravity: 1.116
Final Observations: Color: Clear Odor: _____ Sheen/Free Product: No

Field Sample ID: SB915-0416-03 **Sample Time:** 1145

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: * Ipad skipped reading, didn't notice fast enough to grab live one.

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-87BR

Site Name: SB915 Closure / SCA | Sampling Method: Low-Flow | Field Personnel: AJF
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/20/17
Project #: 1163.63443 | Pump/Controller ID#: | Weather: Sun, 64°F

Well information:
Installed Depth of Well: 129.00 ft. bgs.
Measured Depth of Well*: 129.65 ft. bmp.
Depth to Water*: 32.01 ft.
Length of Water Column: ~~97.64~~ 97.64 ft
Pump Intake Depth: ft. bgs.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: gal.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time: 1352
Initial Observations: Color: Cloudy Odor: No Sheen/Free Product: No
Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	33.99	10.89	7.52	86.04	-79.7	0.54	96.0	500	1.036
10	35.92	10.55	7.53	80.98	-104.1	0.27	23.8	500	
15	36.10	10.47	7.42	82.95	-85.9	0.18	24.4	500	
20	36.15	10.51	7.28	84.66	-68.2	0.14	21.1	500	
25	36.25	10.51	7.17	85.24	-54.0	0.12	17.8	500	
30	36.29	10.516	7.08	85.67	-43.7	0.11	14.5	500	
35	36.25	10.54	7.01	85.52	-36.2	0.09	11.0	500	
40	36.31	10.37	6.96	85.78	-31.2	0.08	9.72	500	
45	36.34	10.32	6.92	85.86	-26.8	0.07	7.45	500	
50	36.41	10.37	6.89	85.64	-23.8	0.07	6.94	500	
55	36.41	10.33	6.87	85.79	-20.9	0.06	4.76	500	
60	36.45	10.39	6.84	85.56	-17.8	0.06	4.33	500	
65	36.49	10.54	6.82	85.27	-15.1	0.05	3.37	500	
70	36.51	10.48	6.80	85.11	-12.3	0.05	2.70	500	
75	36.52	10.61	6.78	85.163	-9.6	0.05	2.62	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1512 Total volume of groundwater purged: 10.5 gallon(s). *Specific Gravity:* 1.042
Final Observations: Color: Clear Odor: No Sheen/Free Product: No

Field Sample ID: SB915-0416-04 **Sample Time:** 1520

Water Quality Equipment Used:	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01134
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-105BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: Tbp

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/20/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 63.40 ft. bgs.

Measured Depth of Well*: 65.08 ft. bmp.

Depth to Water*: 58.05 ft.

Length of Water Column: 7.03 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.1 gal.

Pump Intake Depth: 55.9 ft. bgs.

*** Measurement Point:**

- [ ] Well Casing
- [X] Protective Casing
- [ ] Other:

Start Purge Time: 13:52

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	58.10	10.82	7.60	0.80	-101.50	0.29	3.78	500	1.004
10	58.10	10.12	7.53	0.80	-97.90	0.33	2.54	500	
15	58.10	9.92	7.46	0.90	-90.70	0.29	3.15	500	
20	58.10	9.90	7.40	0.90	-85.20	0.64	2.22	500	
25	58.10	9.88	7.37	0.90	-81.20	1.27	4.41	500	
30	58.10	9.83	7.34	0.90	-77.30	1.48	2.5	500	
35	58.10	9.82	7.32	0.90	-74.90	1.90	1.69	500	
40	58.10	9.88	7.29	0.90	-72.60	1.85	2.03	500	
45	58.10	9.88	7.27	0.90	-68.90	2.16	2.28	500	
50	58.10	9.85	7.26	0.90	-66.20	2.16	1.73	500	
55	58.10	9.84	7.25	0.90	-64.30	2.22	1.5	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:50 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0416-05 **Sample Time:** 15:05

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-89BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: AKL
Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/20/17
Project #: 1163.63443 | Pump/Controller ID#: FA00120 | Weather: Sunny 67°

Well information:
Installed Depth of Well: 128.00 ft. bgs.
Measured Depth of Well*: 129.85 ft. bmp.
Depth to Water*: 30.26 ft.
Length of Water Column: 99.59 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth: _____ ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other: _____

Start Purge Time: 1435

Initial Observations: Color: clear Odor: no Sheen/Free Product: no

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.00	13.52	6.78	74.44	-63.00	0.32	21.0	500	1.040
10	31.11	13.02	6.94	85.17	-72.50	0.13	12.2	500	
15	31.15	12.92	6.97	82.17	-72.10	0.11	5.25	500	
20	31.15	12.93	6.97	81.39	-71.60	0.10	9.63	500	
25	31.18	12.93	6.97	83.12	-70.90	0.08	5.89	500	
30	31.25	12.86	6.97	83.85	-70.30	0.07	4.44	500	
35	31.25	12.76	6.97	84.12	-70.20	0.06	5.97	500	1.040
40	31.25	12.85	6.97	84.16	-70.11	0.06	7.47	500	1.040
45	31.25	12.83	6.97	84.15	-70.40	0.05	6.31	500	
50	31.25	12.88	6.96	84.37	-70.50	0.05	5.76	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1516 Total volume of groundwater purged: 6.50 gallon(s). *Specific Gravity:* 1.040

Final Observations: Color: clear Odor: no Sheen/Free Product: no

Field Sample ID: SB915-0416-06 **Sample Time:** 1523

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/23/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02876/FA02491 | Weather: 60's cloudy

Well information:

Installed Depth of Well: 40.00 ft. bgs.

Measured Depth of Well*: 42.15 ft. bmp.

Depth to Water*: 24.95 ft.

Length of Water Column: 17.20 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.8 gal.

Pump Intake Depth: 35.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:28

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	26.10	12.50	12.06	50.34	28.60	1.74	6.57	300	1.024
10	26.20	12.26	12.05	54.31	27.70	2.51	11	300	
15	26.32	12.19	12.05	56.05	21.50	2.92	30.2	300	
20	26.42	12.05	12.05	56.91	17.60	3.18	27.3	300	
25	26.50	12.10	12.05	57.55	15.20	3.41	22.9	300	
30	26.40	12.19	12.05	58.56	13.20	3.42	16.9	300	
35	26.50	12.28	12.05	59.31	10.00	3.40	13.9	300	
40	26.55	12.28	12.05	59.99	6.90	3.38	12	300	
45	26.60	12.33	12.05	60.60	3.40	3.42	8.7	300	
50	26.60	12.38	12.05	61.12	-0.10	3.41	7.14	300	
55	26.60	12.59	12.05	61.59	-5.00	3.42	6.44	300	
60	26.60	12.84	12.03	61.88	-9.00	3.50	5.77	300	
65	26.60	13.13	12.03	62.20	-15.40	3.51	5.04	300	
70	26.60	13.24	12.03	62.33	-21.60	3.47	4.49	300	
75	26.65	13.21	12.03	62.86	-24.80	3.41	3.15	300	
80	26.65	13.16	12.04	63.03	-26.60	3.41	3.27	300	
85	26.65	13.02	12.04	63.17	-27.50	3.49	3.21	300	
90	26.65	13.05	12.04	63.49	-28.40	3.52	2.53	300	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:02 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0417-01 **Sample Time:** 12:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	F00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-P2-0717

Site Name: SB915 Closure / SCA | Sampling Method: Low flow | Field Personnel: HMW + CAH
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/23/17
Project #: 1163.63443 | Pump/Controller ID#: FA03317/FA00622 | Weather: Cloudy, high 60s

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 65.51 ft. bmp.
Depth to Water*: 32.27 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 10:00 am
Initial Observations: Color: clear Odor: slight odor Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water* (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	39.97	12.24	12.08	47.90	-168.20	2.85	9.78	500	1.022
10	N/A	12.36	12.17	48.00	-180.20	2.20	N/A	500	
15	42.11*	12.35	12.20	48.00	-191.30	1.82	10.68	500	
20	42.84*	12.35	12.22	47.70	-200.40	1.64	5.78	500	
25	46.03	12.34	12.22	48.80	-216.60	1.16	5.62	500	
30	46.79	12.57	12.21	50.20	-220.30	1.05	4.73	500	
35	47.78	12.66	12.19	52.00	-223.50	0.88	4.53	500	
40	48.56	12.74	12.17	55.90	-223.30	0.67	3.41	500	
45	49.52	12.80	12.17	57.70	-242.70	0.53	5.32	500	1.028
50	50.09	12.83	12.16	60.30	-244.30	0.43	4.30	500	
55	50.77	12.66	12.16	63.00	-246.20	0.35	2.60	500	
60	51.23	12.73	12.14	65.30	-246.80	0.27	3.02	500	
65	51.73	12.69	12.13	67.10	-247.70	0.18	2.42	500	
70	52.12	12.69	12.13	68.60	-242.20	0.20	2.02	500	
75	52.49	12.66	12.12	71.10	-242.30	0.14	1.35	500	
80	52.83	12.55	12.11	72.60	-242.50	0.12	2.21	500	
85	53.13	12.57	12.10	73.60	-246.80	0.10	1.67	500	
90	53.31	12.55	12.10	75.00	-229.70	0.10	1.74	500	
95	53.51	12.50	12.09	77.00	-252.00	0.07	1.97	500	
100	53.69	12.55	12.10	76.60	-258.40	0.07	2.39	500	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 12:37 Total volume of groundwater purged: 14 gallon(s). *Specific Gravity:* 1.036
Final Observations: Color: clear Odor: slight odor *Sheen/Free Product:* None

Field Sample ID: SB915-0717-02 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: *possible water probe malfunction. Switched out unit @ 20 minutes

Low Flow Groundwater Sampling Log

Well ID: SB915-PZ-07S

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Peristaltic Pump | Date: 10/23/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00140 | Weather: 70 sunny

Well information:

Installed Depth of Well: 18.00 ft. bgs.

Measured Depth of Well*: 20.14 ft. bmp.

Depth to Water*: 12.50 ft.

Length of Water Column: 7.64 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 1.2 gal.

Pump Intake Depth: 13.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 12:30

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	12.65	13.14	12.81	8.82	15.20	0.90	2.69	400	1.004
10	12.65	13.02	12.71	8.94	27.00	0.98	3.5	400	
15	12.65	12.89	12.70	9.01	27.00	0.95	4.25	400	
20	12.65	12.90	12.72	9.04	26.30	0.96	2.89	400	
25	12.65	12.87	12.74	9.05	26.90	0.98	2.45	400	
30	12.65	12.83	12.76	9.08	27.40	1.00	2.04	400	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 13:02 Total volume of groundwater purged: 4.5 gallon(s). *Specific Gravity:* 1.004

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0417-03 **Sample Time:** 13:15

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-LWB-05L

Site Name: SB915 Closure / SCA | Sampling Method: ~~Bailer~~ Low Flow | Field Personnel: HMW, TBP, CAH
Site Location: Camillus, NY | Pump Type Used: Peri | Date: 10/23/17
Project #: 1163.63443 | Pump/Controller ID#: FA 00140 | Weather: Cloudy, 70s

Well information:
Installed Depth of Well: _____ ft. bgs.
Measured Depth of Well*: 122.34 ft. bmp.
Depth to Water*: 21.10 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth: _____ ft. bgs.

*** Measurement Point:**
- [x] Well Casing
- [ ] Protective Casing
- [ ] Other: _____

Start Purge Time: ~~2E~~ 14:15
Initial Observations: Color: Clear | Odor: Slight odor | Sheen/Free Product: None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.18	13.73	6.80	129.60	-56.80	0.06	9.27	480	1.072
10	21.19	13.69	6.68	130.50	-61.20	0.05	5.38	440	
~~15~~ *	~~21.18~~	~~15.09~~	~~6.77~~	~~NA~~			~~9.97~~		
20	21.19	13.69	6.57	130.70	-62.40	0.04	10.76	480	
25	21.19	13.88	6.52	130.70	-67.20	0.03	2.54	480	
30	21.19	13.54	6.48	131.50	-65.20	0.03	2.93	480	
35	21.19	13.46	6.44	130.90	-61.60	0.02	6.92	480	
40	21.22	13.51	6.41	131.30	-60.60	0.02	2.36	480	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:55 | Total volume of groundwater purged: 5 gallon(s). | *Specific Gravity:* 1.072
Final Observations: Color: Clear | Odor: Slight odor | Sheen/Free Product: none

Field Sample ID: SB915-0417-04 | **Sample Time:** 1500

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: *replaced flex tubing

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	10/25/2017
Project #:	1163.63443	Pump/Controller ID#:	FA000804	Weather:	Sun, 55

Well Information:

Installed Depth of Well: 194.00 ft. bgs.
Measured Depth of Well*: 197.20 ft. bmp.
Depth to Water*: 78.53 ft.
Length of Water Column: 118.67 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 19.3 gal.
Pump Intake Depth: 189.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:45

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	82.37	11.56	6.91	73.70	-51.10	0.88	19.4	410	1.036
10	84.41	11.50	7.05	74.30	-59.20	0.32	16.6	410	
15	87.34	11.64	6.93	69.10	-26.30	0.26	19.4	410	
20	90.16	11.55	6.82	68.20	0.90	0.22	22	410	
25	92.48	11.55	6.75	68.10	28.90	0.20	24.1	410	
30	94.65	11.41	6.69	67.70	54.10	0.20	22.7	410	
35	97.27	11.48	6.66	66.70	70.90	0.29	28.9	410	
40	99.52	11.45	6.65	66.70	82.30	0.70	31.4	410	
45	101.48	11.47	6.66	66.30	87.30	1.55	28	410	
50	103.93	11.50	6.69	66.00	88.10	2.11	30	410	
55	105.73	11.55	6.71	65.90	87.50	2.26	35.5	410	
60	108.11	11.50	6.74	66.00	80.70	2.44	32.6	410	
65	110.20	11.55	6.78	65.60	72.70	2.48	28.7	410	1.032
70	111.99	11.55	6.81	65.60	54.50	2.49	25.3	410	
75	113.69	11.55	6.84	65.00	43.20	2.51	21.1	410	
80	114.56	12.51	6.84	65.10	34.50	2.28	21.3	220	
85	114.38	12.68	6.86	65.10	30.30	2.31	22.5	170	
90	114.24	12.93	6.86	65.10	27.60	2.28	18.7	170	
95	114.17	12.97	6.87	65.60	18.90	2.15	19.7	170	1.032
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:20 Total volume of groundwater purged: 9.0 gallon(s). *Specific Gravity:* 1.032

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0418-01 **Sample Time:** 11:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-~~925~~

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: HMW
Site Location: Camillus, NY | Pump Type Used: Bladder pump | Date: 10/25/17
Project #: 1163.63443 | Pump/Controller ID#: FA006271 / FA02491 | Weather: Sunny, low 60s

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 50.36 ft. bmp.
Depth to Water*: 31.21 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: 3.12 gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 9:40am
Initial Observations: *Color:* clear *Odor:* Slight odor *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.60	11.95	11.79	23.88	-103.50	0.87	8.47	460	1.010
10	34.11	11.89	11.98	24.07	-109.50	0.80	4.26	480	
15	35.21	11.94	12.03	24.06	-106.50	0.57	2.40	480	
20	36.39	12.05	12.06	23.91	-88.20	0.27	0.72	480	
25	37.52	12.00	12.07	23.89	-86.20	0.23	0.73	480	
30	39.03	11.98	12.08	23.88	-80.60	0.23	0.66	480	
35	40.68	12.00	12.09	23.92	-69.10	0.20	11.3	480	
40	41.49	12.07	12.09	23.89	-85.90	0.63	13.0	460	
45	42.28	12.20	12.09	23.87	-72.30	0.32	4.96	380	1.010
50	42.88	12.04	12.08	23.82	-71.30	0.31	2.01	270	
55	N/A	12.87	12.07	23.75	-60.40	0.25	1.59	260	
60*	~~49.03~~ N/A						~~22.8~~ N/A	~~100~~ N/A	
65	↓49.03	13.28	12.06	23.80	-106.10	0.65	↓22.8	↓100	
70	49.03	13.30	12.06	23.63	-103.40	0.58	1772 AU	100	
75	49.03	13.49	12.06	23.63	-96.00	0.57	105.9 NTU	100	
80	49.03	13.55	12.06	23.67	-88.90	0.59	50.8	100	
85	49.03	13.65	12.06	23.73	-111.50	0.60	35.9	100	
90	49.03	13.70	12.05	23.71	-107.80	0.62	28.7	100	
95	49.03	13.77	12.05	23.70	-102.70	0.60	20.8	100	
100	49.03	13.82	12.05	23.73	-95.40	0.55	13.0	100	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:40 Total volume of groundwater purged: ~9.5 gallon(s). *Specific Gravity:* 1.010
Final Observations: *Color:* clear *Odor:* Slight odor *Sheen/Free Product:* None

Field Sample ID: SB915-0418-02 **Sample Time:** 12:50

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: *missed 36:00 while rearranging pump - had skipped 36:00 & couldn't get live readings
- pump @ bottom of well due to low water conditions

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-92S

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: HMW | Date: 10/25/17

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	49.03	13.88	12.05	23.73	-82.10	0.49	6.82	100	1.010
110	49.03	13.95	12.05	23.71	-73.50	0.46	5.77	100	
115	49.03	13.95	12.05	23.74	-65.50	0.51	3.17	100	
120	49.03	13.91	12.05	23.72	-58.80	0.64	4.08	100	
125	49.03	13.73	12.06	23.71	-53.10	0.83	3.33	100	
130	49.03	13.64	12.06	23.77	-49.00	1.43	2.85	100	
135	49.03	13.94	12.05	23.72	-48.60	1.25	3.45	100	
140	49.03	14.05	12.05	23.67	-44.70	1.48	2.63	100	
145	49.03	14.23	12.05	23.67	-39.60	1.67	5.20	100	
150	49.03	14.33	12.05	23.59	-41.20	1.80	0.87	100	
155	49.03	14.33	12.05	23.62	-38.00	1.95	0.88	100	
160	49.03	14.37	12.05	2358	-37.40	2.13	N/A	100	
165	49.03	14.34	12.05	23.61	-29.20	2.26	5.68	100	
170	49.03	14.37	12.05	23.60	-26.00	2.42	6.80	100	
175	49.03	14.37	12.05	23.60	-24.60	2.52	3.70	100	
**									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Note: **Sample due to 3 well volumes removed

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/25/2017

Project #: 1163.63443 | Pump/Controller ID#: | Weather: 50's Sunny

Well information:

Installed Depth of Well: 207.00 ft. bgs.

Measured Depth of Well*: 211.70 ft. bmp.

Depth to Water*: 85.17 ft.

Length of Water Column: 126.53 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 20.6 gal.

Pump Intake Depth: 202.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:53

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	88.25	11.80	7.95	165.54	-129.20	0.24	72.2	400	1.080
10	91.50	11.64	7.64	167.50	-133.00	0.10	65.5	400	
15	92.70	11.65	7.76	162.14	-152.70	0.06	43.9	400	
20	95.20	11.65	7.64	158.57	-140.30	0.05	43.5	400	
25	97.61	11.69	7.56	158.50	-137.20	0.04	25.3	400	
30	99.67	11.70	7.57	158.54	-135.70	0.04	28.4	400	
35	102.10	11.75	7.56	157.98	-134.80	0.03	18	400	
40	104.48	11.74	7.56	158.04	-135.30	0.03	32.1	400	
45	106.75	11.94	7.57	157.46	-138.80	0.03	14.5	330	
50	107.50	11.89	7.63	157.76	148.70	0.02	13.9	330	
55	109.69	11.84	7.73	158.08	-170.20	0.02	13.3	330	
60	111.40	11.85	7.97	157.94	-212.10	0.00	15.1	330	
65	112.80	11.83	8.14	157.46	-235.80	0.00	18.1	330	
70	114.02	11.83	8.09	157.53	-224.60	0.00	17	330	
75	116.00	11.46	8.00	157.21	-211.60	0.00	12.1	330	
80	117.42	11.88	7.95	157.23	-206.50	0.00	13.8	330	
85	118.32	11.79	7.93	156.22	-202.90	0.00	11.7	330	
90	120.15	11.97	7.91	156.49	-201.60	0.00	17.3	400	
95	121.15	11.94	7.91	155.76	-200.60	0.00	16.1	400	
100	122.77	11.69	7.78	165.89	-195.80	0.00	1410	400	
Stabilization	$\Delta \leq 0.3'$	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	$100 \leq X \leq 500$	

End Purge Time: 13:54 Total volume of groundwater purged: 13.0 gallon(s). *Specific Gravity:* 1.094

Final Observations: *Color:* V slightly cloudy *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0418-03 **Sample Time:** 14:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91BR

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 10/25/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	124.40	11.78	7.85	156.88	-210.80	0.00	67.1	400	
110	126.30	11.70	8.12	152.88	-236.10	0.00	29.3	400	
115	127.98	11.73	8.29	150.65	-254.30	0.00	20	400	
120	130.30	11.69	8.46	149.82	-227.20	0.00	17.6	400	
125	133.09	11.72	8.65	148.64	-306.10	0.00	17.6	400	
130	133.70	11.85	8.74	148.56	-322.40	0.00	20.7	120	
135	133.65	12.66	8.74	147.87	-321.70	0.00	21.7	120	
145	133.65	12.86	8.73	147.12	-315.80	0.00	18.5	120	
150	133.65	12.85	8.73	147.20	-311.40	0.00	17.1	120	
155	133.65	12.87	8.60	150.50	-297.70	0.00	27.5	120	
160	133.80	12.79	8.40	154.97	-281.20	0.00	29.9	120	
165	133.80	12.84	8.25	155.99	-266.20	0.00	29.2	120	
170	133.82	12.89	8.13	157.81	-251.90	0.00	28	120	
175	133.92	12.85	8.04	158.34	-237.90	0.00	24.5	120	
180	134.10	12.75	7.96	159.82	-226.30	0.00	28.9	120	
185	134.15	12.52	7.91	160.55	-217.20	0.00	27.8	120	
190	134.05	12.75	7.85	160.88	-210.90	0.00	27.9	120	
195	134.30	12.71	7.81	161.50	-204.70	0.00	26	120	
200	134.40	12.43	7.78	161.54	-199.30	0.00	27.6	120	
205	134.50	12.43	7.75	162.23	-196.50	0.00	26.7	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-107BR

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443
Sampling Method: Low Flow
Pump Type Used: Peristaltic Pump
Pump/Controller ID#:
Field Personnel: CAH, HMW
Date: 10/25/2017
Weather: Sun, 60

Well information:

Installed Depth of Well: 130.00 ft. bgs.
Measured Depth of Well*: 131.95 ft. bmp.
Depth to Water*: 19.52 ft.
Length of Water Column: 112.43 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: 18.3 gal.
Pump Intake Depth: 125.0 ft. bgs.

*** Measurement Point:**
[X] Well Casing
[ ] Protective Casing
[ ] Other:

Start Purge Time: 14:00

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	21.38	13.09	6.75	204.70	28.20	0.63	14.5	500	1.126
10	22.34	12.79	6.71	205.20	29.50	0.97	10.17	500	
15	28.78	12.43	6.70	205.90	24.90	0.92	9.42	500	
20	30.94	12.24	6.69	206.10	20.80	0.88	10.36	500	
25	33.19	12.28	6.69	206.50	16.60	0.86	8.72	500	
30	33.38	14.11	6.68	205.50	12.70	0.79	10.78	110	
35	33.22	14.42	6.69	204.40	11.70	0.82	8.39	110	
40	33.12	14.30	6.69	204.30	7.60	0.76	11.4	110	1.128
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:40 Total volume of groundwater purged: 3.5 gallon(s). *Specific Gravity:* 1.128

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0418-04 **Sample Time:** 15:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-91S

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	10/26/2017
Project #:	1163.63443	Pump/Controller ID#:	FA02876 /FA03317	Weather:	Cloudy, 55

Well information:

Installed Depth of Well: 41.00 ft. bgs.
Measured Depth of Well*: 43.94 ft. bmp.
Depth to Water*: 26.73 ft.
Length of Water Column: 17.21 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.8 gal.
Pump Intake Depth: 31.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:05

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	28.06	10.80	11.67	38.18	-140.40	0.55	6.22	500	1.020
10	29.17	10.73	11.98	38.58	-146.60	0.49	3.81	500	
15	29.43	10.70	12.08	40.04	-158.40	0.37	3.69	500	
20	30.54	10.71	12.12	41.73	-164.90	0.28	4.26	500	
25	31.12	10.75	12.15	41.41	-164.70	0.24	3.72	500	
30	32.05	10.71	12.17	40.71	-164.00	0.19	5.56	500	
35	32.68	10.70	12.21	37.98	-162.00	0.17	9.89	500	
40	33.31	10.70	12.24	34.64	-163.50	0.13	13.8	500	
45	33.82	10.70	12.25	33.39	-158.60	0.12	7.49	500	
50	34.06	11.12	12.24	33.65	-159.60	0.17	6.53	450	
55	34.24	11.17	12.22	34.38	-156.80	0.15	4.85	380	
60	34.21	10.99	12.23	34.61	-156.20	0.14	2.94	340	1.020
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:05 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.020

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0419-01 **Sample Time:** 10:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: HMW
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00622 / FA00120 | Weather: Sunny, low 50s

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 118.65 ft. bmp.
Depth to Water*: 82.19 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 09:22

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm (mS/cm)) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	82.26	11.09	6.47	16.04	-65.30	0.18	22.5	500	1.006
10	82.26	11.09	6.50	14.57	-108.80	0.08	24.7	500	
15	82.26	11.01	6.63	12.23	-67.90	0.04	24.3	500	
20	82.26	11.00	6.660	10.42	-65.40	0.01	23.5	500	
25	82.26	11.00	6.69	9.30	-63.10	0.00	25.0	500	
30	82.26	11.03	6.70	8.53	-61.00	-0.01	23.0	500	1.002
35	82.26	11.14	6.70	8.10	-59.20	-0.02	25.1	500	
40	82.26	11.12	6.71	7.76	-57.50	-0.02	24.1	500	
45	82.26	11.14	6.72	7.33	-56.30	-0.03	20.9	500	
50	82.26	11.22	6.72	7.20	-55.00	-0.03	13.7	500	
55	82.26	11.23	6.73	6.88	-54.10	-0.03	15.0	500	
60	82.26	11.32	6.73	6.69	-53.20	-0.03	12.3	500	
65	82.26	11.37	6.74	6.61	-52.60	-0.04	8.98	500	
70	82.26	11.38	6.73	6.52	-51.40	-0.04	7.15	500	
75	82.26	11.26	6.74	6.33	-50.70	-0.04	7.08	500	
80	82.26	11.28	6.74	6.34	-49.90	-0.04	5.36	500	
85	82.26	11.11	6.73	6.32	-48.80	-0.04	6.09	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 10:48 Total volume of groundwater purged: 12.5 gallon(s). *Specific Gravity:* 1.002

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0419-02 **Sample Time:** 11:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we.	FA00438
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00804 | Weather: 50 cloudy

Well information:

Installed Depth of Well: 62.00 ft. bgs.

Measured Depth of Well*: 58.25 ft. bmp.

Depth to Water*: 40.43 ft.

Length of Water Column: 17.82 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 2.9 gal.

Pump Intake Depth: 57.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:12

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	42.84	10.51	12.59	36.40	15.60	0.88	10.8	200	1.020
10	44.15	10.48	12.63	36.20	5.70	0.89	10.25	200	
15	44.75	10.53	12.65	38.10	-7.80	1.00	9.94	200	
20	45.10	10.58	12.66	39.00	-16.40	1.28	9.62	200	
25	46.05	10.53	12.66	40.40	-21.90	1.56	13.9	200	
30	46.65	10.52	12.65	42.50	-25.80	1.74	14.6	200	
35	47.32	10.48	12.65	44.40	-29.30	1.84	12.6	200	
40	47.76	10.43	12.65	45.70	-32.10	1.92	13.1	200	
45	48.25	10.52	12.64	46.50	-34.20	1.83	11.1	200	
50	48.45	10.53	12.64	47.20	-36.70	1.65	10.02	200	
55	48.75	10.48	12.64	47.90	-38.40	1.46	9.9	200	
60	49.10	10.53	12.64	48.70	-40.60	1.30	8.74	200	
65	49.30	10.57	12.63	49.60	-43.00	1.17	8.09	200	
70	49.60	10.62	12.63	50.70	-44.50	1.04	8.43	200	
75	49.70	10.71	12.62	52.10	-47.40	0.91	7.29	200	
80	49.85	10.81	12.61	53.30	-50.60	0.76	8.03	200	
85	49.93	10.71	12.61	54.80	-54.70	0.61	6.58	200	
90	50.10	10.67	12.61	55.70	-56.40	0.53	5.75	200	
95	50.17	10.62	12.61	56.50	-58.50	0.45	5.03	200	
100	50.25	10.83	12.60	57.10	-60.50	0.41	5	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:08 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.030

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0419-03 **Sample Time:** 11:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	F00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-36I

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 10/26/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	50.22	10.75	12.60	57.80	-62.70	0.36	5	200	
110	50.30	10.89	12.59	58.50	-65.10	0.29	4.11	200	
115	50.40	10.71	12.60	59.10	-67.30	0.25	3.66	200	

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-93BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02876 / FA03317 | Weather: Sun, clouds, 55

Well information:

Installed Depth of Well: 152.00 ft. bgs.

Measured Depth of Well*: 155.10 ft. bmp.

Depth to Water*: 28.73 ft.

Length of Water Column: 126.37 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 20.6 gal.

Pump Intake Depth: 147.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 10:54

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	31.34	11.96	8.04	147.81	-59.90	0.33	7.66	500	1.086
10	34.41	11.40	7.64	140.49	-51.40	0.21	5.96	500	
15	37.58	11.26	7.35	141.24	-46.40	0.18	5.08	500	
20	40.27	11.17	7.14	141.66	-43.10	0.14	7.09	500	
25	42.93	11.09	7.00	142.25	-39.60	0.13	7.25	500	
30	45.51	11.35	6.89	140.46	-34.90	0.11	6.5	500	
35	47.62	12.03	6.79	139.35	-25.70	0.09	7.94	500	
40	49.90	11.58	6.69	140.44	-14.20	0.10	10.66	500	
45	51.83	11.32	6.60	140.16	-0.80	0.09	11.75	500	
50	53.75	11.26	6.50	140.07	10.30	0.10	11.34	500	
55	55.52	11.19	6.42	140.23	20.20	0.13	10.8	500	
60	57.44	11.17	6.34	139.77	27.10	0.18	11.04	500	
65	58.91	11.81	6.28	138.43	30.90	0.22	9.7	500	
70	60.62	11.28	6.24	139.84	32.60	0.23	11.82	500	
75	60.42	11.53	6.22	139.21	33.60	0.26	7.6	210	
80	60.48	11.35	6.20	141.87	24.30	0.20	5.8	320	1.078
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:14 Total volume of groundwater purged: 11.0 gallon(s). *Specific Gravity:* 1.078

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-MW-04,05,06 (MS/MSD) **Sample Time:** 12:45

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-90BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: HMW
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/26/17
Project #: 1163.63443 | Pump/Controller ID#: FA00622 / FA00120 | Weather: Cloudy, low 60's

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 131.01 ft. bmp.
Depth to Water*: 28.36 ft.
Length of Water Column: _____ ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 12:18

Initial Observations: Color: Slightly opaque Odor: Slight Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.11	11.43	6.55	66.04	7.70	0.19	38.1	500	1.032
10	33.83	11.41	6.52	62.21	18.20	0.11	68.9	500	
15	35.54	12.15	6.51	60.79	-18.00	0.05	98.5	500	
20	36.74	11.71	6.53	59.06	-18.70	0.03	58.0	500	
25	37.65	11.60	6.59	58.34	-33.60	0.02	41.2	500	
30	38.21	12.11	6.67	57.74	-45.10	0	29.8	500	
35	38.89	11.70	6.74	57.45	-50.80	0	21.9	500	
40	39.14	11.60	6.77	57.31	-51.50	0	17.6	500	
45	39.67	11.57	6.80	57.16	-52.30	0	15.7	500	
50	40.03	11.61	6.81	57.09	-51.70	0	13.3	500	
55	40.22	11.61	6.82	57.04	-51.20	0	10.81	500	1.026
100	40.41	11.66	6.82	57.09	-47.80	0	10.73	500	
105	40.73	11.62	6.81	57.15	-46.00	0	10.85	500	
70	40.91	11.47	6.81	57.24	-43.40	0	9.23	500	
75	41.06	11.47	6.80	57.23	-42.20	0	8.93	500	
80	41.29	11.55	6.80	57.33	-41.20	0	8.97	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 1340 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.024

Final Observations: Color: Clear Odor: None Sheen/Free Product: None

Field Sample ID: SB915-0419-07 **Sample Time:** 1355

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes: _____

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-88BR

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: Tbp

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00804 | Weather: 50 cloudy

Well information:

Installed Depth of Well: 110.00 ft. bgs.

Measured Depth of Well*: 111.60 ft. bmp.

Depth to Water*: 29.95 ft.

Length of Water Column: 81.65 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 13.3 gal.

Pump Intake Depth: 105.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:05

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	32.05	12.41	7.74	53.40	-47.30	0.90		500	1.028
10	33.92	11.30	7.42	56.60	-81.60	0.20	33.5	500	
15	35.24	11.27	7.25	59.20	-59.00	0.14	55.5	500	
20	36.55	11.18	7.15	65.20	-51.30	0.11	46.6	500	
25	37.31	11.13	7.10	68.80	-46.70	0.09	42.5	500	
30	38.00	11.13	7.08	70.80	-43.80	0.08	33.6	500	
35	38.40	11.20	7.06	72.00	-41.80	0.07	28.4	500	
40	38.85	11.12	7.05	72.90	-40.00	0.06	20.1	500	
45	39.00	11.11	7.05	73.50	-38.90	0.05	21.1	500	
50	39.25	11.13	7.04	73.90	-37.90	0.05	18.6	500	
55	39.30	11.11	7.04	73.90	-36.80	0.05	19.4	500	
60	39.36	11.08	7.03	74.40	-36.10	0.04	19.1	500	
65									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:07 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.040

Final Observations: *Color:* clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0419-08/09 (FD) **Sample Time:** 14:25

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	F00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-07R

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/26/2017

Project #: 1163.63443 | Pump/Controller ID#: FA02876/FA03317 | Weather: Cloudy, 55

Well information:

Installed Depth of Well: 113.00 ft. bgs.

Measured Depth of Well*: 114.75 ft. bmp.

Depth to Water*: 15.16 ft.

Length of Water Column: 99.59 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 16.2 gal.

Pump Intake Depth: 108.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:18

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	18.88	12.45	6.74	180.74	-75.90	0.18	7.35	500	1.104
10	21.12	12.19	6.91	181.80	-86.20	0.12	7.01	500	
15	24.93	12.00	6.99	179.76	-90.90	0.09	4.24	500	
20	28.09	11.96	7.04	181.23	-93.90	0.08	3.08	500	
25	31.24	11.93	7.06	181.32	-95.60	0.07	3.14	500	
30	34.53	11.84	7.08	181.19	-96.70	0.06	2.78	500	
35	37.81	11.81	7.09	181.43	-97.10	0.06	2.93	500	
40	40.69	11.77	7.09	181.46	-96.20	0.05	5.75	500	
45	43.47	11.69	7.09	181.66	-93.90	0.05	4.34	500	
50	44.51	11.90	7.08	181.99	-90.60	0.08	4.62	250	
55	44.72	12.09	7.06	183.00	-85.00	0.09	3.64	175	
60	44.68	12.18	7.04	183.36	-78.90	0.10	3.2	130	1.102
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:18 Total volume of groundwater purged: 8.0 gallon(s). *Specific Gravity:* 1.102

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0419-10 **Sample Time:** 14:40

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05R

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	10/27/2017
Project #:	1163.63443	Pump/Controller ID#:	FA02876 / FA00120	Weather:	Sun, 50

Well information:

Installed Depth of Well: 156.10 ft. bgs.
Measured Depth of Well*: 159.95 ft. bmp.
Depth to Water*: 26.37 ft.
Length of Water Column: 133.58 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 21.8 gal.
Pump Intake Depth: 151.3 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 9:01

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	27.44	11.07	6.60	181.94	-21.50	0.60	9.9	500	1.116
10	30.42	11.09	6.53	183.14	-21.60	0.27	12.9	500	
15	32.89	11.10	6.46	181.88	-20.40	0.20	13	500	
20	34.87	11.10	6.41	182.56	-16.70	0.17	16.9	500	
25	36.46	11.17	6.36	180.28	-9.80	0.16	17.1	500	
30	37.61	11.21	6.31	181.80	-3.70	0.15	17.7	500	
35	38.42	11.30	6.28	182.03	-1.10	0.16	16.2	420	
40	38.49	11.30	6.28	181.96	-13.50	0.14	8.55	370	
45	38.69	11.35	6.33	182.09	-24.00	0.12	6.1	370	
50	38.91	11.47	6.36	181.26	-22.80	0.13	5.05	340	
55	38.77	11.58	6.37	181.44	-22.40	0.12	4.08	310	1.130
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 9:56 Total volume of groundwater purged: 7.0 gallon(s). *Specific Gravity:* 1.130

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0420-01 **Sample Time:** 10:10

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-111BR

Site Name:	SB915 Closure / SCA	Sampling Method:	Low Flow	Field Personnel:	CAH
Site Location:	Camillus, NY	Pump Type Used:	Bladder Pump	Date:	10/27/2017
Project #:	1163.63443	Pump/Controller ID#:	FA02876 / FA00120	Weather:	Sun, 55

Well information:

Installed Depth of Well: 141.00 ft. bgs.
Measured Depth of Well*: 142.65 ft. bmp.
Depth to Water*: 13.71 ft.
Length of Water Column: 128.94 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 21.0 gal.
Pump Intake Depth: 136.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time: 10:45

Initial Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	17.07	11.51	6.03	158.96	14.30	0.23	19.7	500	1.116
10	20.05	11.44	6.08	159.75	-1.00	0.13	21.3	500	
15	23.21	11.40	6.09	163.01	-4.50	0.10	21.5	500	
20	25.84	11.35	6.09	164.60	-5.50	0.09	21.7	500	
25	28.35	11.41	6.10	163.68	-7.20	0.08	19.9	500	
30	30.79	11.43	6.10	163.99	-6.40	0.07	14.8	500	
35	33.36	11.57	6.09	163.45	-5.30	0.07	11.3	500	
40	34.02	11.85	6.09	161.96	-4.40	0.08	9.45	260	
45	34.13	12.30	6.08	163.11	-3.50	0.07	11.1	190	
50	34.08	12.44	6.09	162.18	-1.40	0.08	8.9	190	
55	34,02	12.41	6.09	163.04	4.30	0.09	6.16	190	1.120
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 11:40 Total volume of groundwater purged: 6.0 gallon(s). *Specific Gravity:* 1.120

Final Observations: *Color:* Clear *Odor:* No *Sheen/Free Product:* No

Field Sample ID: SB915-0420-02 **Sample Time:** 12:00

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01139
Turbidity Meter:	LaMotte	2020we	FA00111
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: HMW
Site Location: Camillus, NY | Pump Type Used: Bladder | Date: 10/27/17
Project #: 1163.63443 | Pump/Controller ID#: FA028716 / FA02491 | Weather: Sunny, low 50s

Well Information:
Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 73.18 ft. bmp.
Depth to Water*: 50.44 ft.
Length of Water Column: 22.74 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft
Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 0845
Initial Observations: Color: Clear Odor: Slight odor Sheen/Free Product: None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	53.63	9.65	11.71	120.20	-213.00	2.48	22.8	260	1.068
10	54.97	9.74	11.82	119.80	-218.20	2.78	17.9	260	
15	56.59	9.69	11.86	120.00	-220.20	3.17	14.6	260	
20	57.39	9.70	11.88	119.80	-220.70	3.09	14.2	260	
25	58.05	9.73	11.90	119.50	-221.30	3.58	13.0	260	
30	59.70	9.72	11.91	119.90	-219.80	3.12	12.4	260	
35	60.35	9.74	11.91	119.90	-215.80	3.18	11.3	260	
40	60.88	9.93	11.91	119.80	-212.70	3.31	11.4	260	
45	61.28	10.02	11.91	119.60	-209.70	3.35	12.14	260	
50	61.57	9.99	11.91	119.60	-206.40	4.05	12.48	260	
55	61.76	9.95	11.92	120.10	-205.40	3.47	12.28	260	
60	61.83	9.98	11.92	109.80	-206.70	4.48	11.22	260	
65	61.96	10.11	11.92	120.00	-209.60	2.99	9.69	260	
70	62.03	10.33	11.92	119.80	-212.90	3.51	9.36	260	
75	62.15	10.40	11.92	120.00	-214.70	3.03	7.77	260	
80	62.22	10.38	11.92	120.02	-216.50	3.23	7.12	260	
85	62.31	10.54	11.92	120.20	-217.40	3.51	6.73	260	
90	62.41	10.66	11.92	120.30	-219.10	3.63	6.87	260	
95	62.49	10.75	11.92	119.07	-219.10	3.96	6.57	260	
Stabilization	Δ ≤ 0.3'	±3%	±0.1	±3%	±10 mV	±10%	±10%	100 ≤ X ≤ 500	

End Purge Time: 0920 Total volume of groundwater purged: 5 gallon(s). *Specific Gravity:* 1.068
Final Observations: Color: Clear Odor: Slight Sheen/Free Product: None

Field Sample ID: SB915-0420-03 **Sample Time:** 1035

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/27/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00622 | Weather: 50's sunny

Well information:

Installed Depth of Well: 69.00 ft. bgs.

Measured Depth of Well*: 70.90 ft. bmp.

Depth to Water*: 50.26 ft.

Length of Water Column: 20.64 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 3.4 gal.

Pump Intake Depth: 64.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 9:30

Initial Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	56.92	11.08	12.19	95.17	72.50	0.19	10.2	500	1.050
10	61.00	11.04	12.23	91.39	89.50	1.03	7.31	500	
15	61.20	11.55	12.23	89.63	108.10	1.48	4.5	120	
20	61.20	11.73	12.20	94.80	87.80	1.33	4.5	120	
25	61.32	11.83	12.20	96.30	82.90	1.30	6.83	120	
30	61.33	11.83	12.20	96.13	87.80	1.49	6.68	120	
35	61.45	11.79	12.21	96.57	90.40	1.56	7.02	120	
40	61.51	12.05	12.20	97.22	92.40	1.51	6.88	120	
45	61.60	12.33	12.20	96.51	107.80	1.41	6.95	120	
50	61.75	12.23	12.20	97.18	109.70	1.31	6.52	120	
55	61.90	12.28	12.20	97.40	105.50	1.21	6.27	120	
60	61.95	12.33	12.20	97.97	98.80	1.13	4.89	120	
65	62.00	12.13	12.20	98.58	86.50	1.05	4.72	120	
70	62.10	12.19	12.21	98.53	75.90	1.00	4.52	120	
75	62.15	12.31	12.20	98.86	50.60	0.95	4.11	120	
80	62.27	12.47	12.20	99.32	31.00	0.88	4.1	120	
85	62.32	12.42	12.20	99.69	16.40	0.83	3.52	120	
90	62.45	12.40	12.20	100.41	4.10	0.79	4.45	120	
95	62.51	12.74	12.19	99.81	-5.00	0.74	3.95	120	
100	62.60	12.84	12.18	100.50	-11.20	0.68	3.8	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:16 Total volume of groundwater purged: 7.5 gallon(s). *Specific Gravity:* 1.050

Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0420-04 **Sample Time:** 12:55

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42I

Site Name: SB915 Closure / SCA | Project #: 1163.63443 | Field Personnel: TBP | Date: 10/27/2017

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Continued from previous page.									
105	62.74	12.85	12.18	100.93	-21.00	0.62	3.48	120	
110	62.76	12.86	12.19	101.59	-27.90	0.58	3.32	120	
115	62.82	12.78	12.19	102.04	-32.40	0.56	3.39	120	
120	62.88	12.97	12.18	101.63	-41.40	0.55	3.2	120	
125	62.90	12.86	12.18	102.49	-55.10	0.54	2.9	120	
130	62.90	12.88	12.18	102.70	-65.80	0.54	3.74	120	
135	62.90	12.56	12.19	102.89	-76.60	0.57	3.5	120	
140	62.90	12.51	12.19	103.43	-85.90	0.59	3.1	120	
150	62.90	12.60	12.19	103.30	-94.10	0.63	3	120	
155	62.90	12.47	12.19	104.04	-101.40	0.67	2.28	120	
160	62.90	12.42	12.20	104.05	-106.10	0.72	2.5	120	
165	62.90	12.47	12.19	104.35	-111.20	0.77	2.8	120	
170	62.90	12.63	12.19	104.10	-114.10	0.80	2.15	120	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-53-D

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443

Sampling Method: Low Flow
Pump Type Used: Bladder
Pump/Controller ID#: FA02876/FA02491

Field Personnel: HMW
Date: 10/27/17
Weather: Sunny, mid 60s

Well Information:

Installed Depth of Well*: _____ ft. bmp.
Measured Depth of Well*: 123.85 ft. bmp.
Depth to Water*: 68.28 ft.
Length of Water Column: 55.57 ft.

Well Volume Multipliers:
2 in. = 0.163 gal/ft

Well Volume: _____ gal.
Pump Intake Depth*: _____ ft. bmp.

*** Measurement Point:**
☑ Well Casing
☐ Protective Casing
☐ Other: _____

Start Purge Time: 11:20
Initial Observations: *Color:* slightly cloudy *Odor:* None *Sheen/Free Product:* None

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (µS/cm mS/cm) *circle units*	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	68.28	10.57	9.61	1.70	-126.60	0.12	104.6	500	1.002
10	68.28	10.63	8.77	1.70	-107.60	0.06	78.3	500	
15	68.28	10.63	8.20	1.80	-94.70	0.03	44.1	500	
20	68.28	10.63	7.84	1.80	-85.90	0.01	33.0	500	
25	68.28	10.55	7.61	1.80	-79.30	0.00	25.2	500	
30	68.28	10.60	7.47	1.80	-74.80	0.00	22.5	500	
35	68.28	10.55	7.38	1.80	-71.20	0.00	21.8	500	
40	68.28	10.50	7.31	1.80	-68.50	0.00	20.9	500	
45	68.28	10.50	7.27	1.80	-66.10	0.00	19.8	500	
50	68.28	10.69	7.24	1.80	-64.10	0.00	17.5	500	
55	68.28	10.81	7.22	1.80	-62.50	0.00	19.4	500	
60	68.28	10.95	7.20	1.80	-61.20	0.00	18.8	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 12:20 Total volume of groundwater purged: 10 gallon(s). *Specific Gravity:* 1.000
Final Observations: *Color:* Clear *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0420-05 **Sample Time:** 12:30

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01137
Turbidity Meter:	LaMotte	2020we	FA00413
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-42D

Site Name: SB915 Closure / SCA | Sampling Method: Low Flow | Field Personnel: TBP

Site Location: Camillus, NY | Pump Type Used: Bladder Pump | Date: 10/27/2017

Project #: 1163.63443 | Pump/Controller ID#: FA00622 | Weather: 50 sunny

Well information:

Installed Depth of Well: 132.00 ft. bgs.

Measured Depth of Well*: 133.95 ft. bmp.

Depth to Water*: 69.13 ft.

Length of Water Column: 64.82 ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: 10.6 gal.

Pump Intake Depth: 127.0 ft. bgs.

*** Measurement Point:**

[X] Well Casing

[ ] Protective Casing

[ ] Other:

Start Purge Time: 13:16

Initial Observations: *Color:* Cloudy *Odor:* None *Sheen/Free Product:* None

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
5	69.20	12.15	6.89	99.72	-126.90	0.31	67	500	1.054
10	69.20	11.78	6.71	101.70	-117.90	0.19	82	500	
15	69.20	11.68	6.67	103.14	-117.60	0.14	106	500	
20	69.20	11.66	6.64	102.50	-113.60	0.12	82.3	500	
25	69.20	11.64	6.61	102.61	-110.20	0.11	53.7	500	
30	69.20	11.73	6.59	101.90	105.90	0.10	40.7	500	
35	69.20	11.64	6.56	101.62	-100.40	0.09	34.3	500	
40	69.20	11.70	6.53	101.15	-96.60	0.09	31.3	500	
45	69.20	11.73	6.52	100.71	-94.00	0.09	29.8	500	
50	69.20	11.74	6.51	100.63	-91.90	0.08	29.4	500	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: 14:10 Total volume of groundwater purged: 5.0 gallon(s). *Specific Gravity:* 1.054

Final Observations: *Color:* V slightlycloudy *Odor:* None *Sheen/Free Product:* None

Field Sample ID: SB915-0420-06 **Sample Time:** 14:20

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	FA01108
Turbidity Meter:	LaMotte	2020we	FA00438
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-WB-05U

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel:
Date:
Weather:

Well information:

Installed Depth of Well: 11.80 ft. bgs.
Measured Depth of Well*: 14.60 ft. bmp.
Depth to Water*: DRY ft.
Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.
Pump Intake Depth: 9.3 ft. bgs.

*** Measurement Point:**

- ☐ Well Casing
- ☐ Protective Casing
- ☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-535

Site Name: SB915 Closure / SCA
Site Location: Camillus, NY
Project #: 1163.63443
Sampling Method:
Pump Type Used:
Pump/Controller ID#:
Field Personnel: HMW
Date: 10/27/17
Weather: Sunny, low 50s

Well Information:

Installed Depth of Well*: ft. bmp.
Measured Depth of Well*: 34.90 ft. bmp.
Depth to Water*: ft. DRY
Length of Water Column: ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: gal.
Pump Intake Depth*: ft. bmp.

*** Measurement Point:**

☐ Well Casing
☐ Protective Casing
☐ Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (circle units: µS/cm mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

Low Flow Groundwater Sampling Log

Well ID: SB915-MW-114BR

Site Name: SB915 Closure / SCA | Sampling Method: | Field Personnel: CAH

Site Location: Camillus, NY | Pump Type Used: | Date:

Project #: 1163.63443 | Pump/Controller ID#: | Weather:

Well information:

Installed Depth of Well: 37.00 ft. bgs.

Measured Depth of Well*: 39.40 ft. bmp.

Depth to Water*: NA ft.

Length of Water Column: #VALUE! ft.

Well Volume Multipliers:

2 in. = 0.163 gal/ft

Well Volume: #VALUE! gal.

Pump Intake Depth: 32.0 ft. bgs.

*** Measurement Point:**

- [X] Well Casing
- [ ] Protective Casing
- [ ] Other:

Start Purge Time:

Initial Observations: *Color:* *Odor:* *Sheen/Free Product:*

Indicate units from drop down menu

Elapsed Time (minutes)	Depth to Water (ft bmp)	Temperature (°C)	pH (S.U.)	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Flow Rate (mL/min)	Specific Gravity
Well does not produce enough for Mod Expanded set.									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	100 ≤ X ≤ 500	

End Purge Time: Total volume of groundwater purged: gallon(s). *Specific Gravity:*

Final Observations: *Color:* *Odor:* *Sheen/Free Product:*

Field Sample ID: **Sample Time:**

Water Quality Equipment Used:

	Manufacturer	Model	Serial # / I.D. #
Water Quality Meter:	In-Situ	smarTROLL	
Turbidity Meter:	LaMotte	2020we	
Other:			

Notes:

APPENDIX C
SUBSURFACE LEACHATE FIELD DATA

Wastebeds 9-15 Closure Investigation: Subsurface Leachate Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity mS/cm	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?	Routine or Expanded?
SB915-MH-01	2/26/13	915	12.54	8.57	8.33	7.54	5.4	—	Routine
SB915-MH-02	2/26/13	950	12.74	8.44	8.82	6.33	0.3	—	Routine
SB915-MH-03	2/26/13	1005	12.52	10.6	8.09	5.50	0.1	—	Routine
SB915-MH-04	2/26/13	1025	12.49	10.3	7.67	7.26	0.0	FD	Routine
SB915-MH-05	2/26/13	1055	12.15	10.2	7.72	5.47	0.0	—	Routine
SB915-MH-06	2/26/13	1115	12.73	10.7	7.98	6.40	0.0	—	Routine
SB915-MH-07	2/26/13	1145	12.17	10.1	7.93	5.82	0.0	—	Routine
SB915-MH-08	2/26/13	1250	11.86	10.2	8.75	7.70	68.0	MS/MSD	Routine
SB915-MH-09	2/26/13	1320	12.01	10.2	8.06	5.74	461	—	Routine
SB915-MH-10	2/26/13	1340	12.85	19.7	8.51	6.30	68.1	—	Routine
SB915-MH-11	2/26/13	1410	13.10	31.2	8.71	5.60	20.1	—	Routine
SB915-MH-12	2/26/13	1430	12.66	32.1	7.77	6.80	10.4	—	Routine
SB915-MH-13	2/26/13	1510	12.68	28.4	7.17	6.57	3.6	—	Routine
SB915-MH-14	2/27/13	0915	~~12.69~~ 10.52	22.1	7.67	10.59	2.0	3113-01	Routine
SB915-MH-15	↓	0940	10.50	4.22	8.16	8.89	34.7	3113-02	Routine
SB915-MH-16	↓	1000	10.21	3.28	7.30	7.73	2.0	3113-03	Routine
SB915-MH-17	↓	1015	9.70	1.23	5.74	10.48	0	3113-04	~~R~~ Expanded
SB915-MH-18	↓	1030	9.22	1.14	5.08	8.60	0	3113-05	Routine
SB915-PCP-01	↓	1110	9.67	5.08	5.09	12.54	48.7	3113-06	Routine
SB915-PCP-02	↓	1135	12.06	29.7	7.80	8.67	479	3114-01	Expanded
SB915-PCP-03									Expanded

FD: MH-04 SB915-3111-05

MH-09 could not get line in clear water turbidity 461 NTU.

All expanded.

Loc	Time	ID	Date	°C	pH	ORP	Cond ms/cm	Turb	DO	QC	notes
MH-01	1025	3123-01 -02 Crec	7/16/13	21.35	11.22	-184	8.85	8.9	5.26	—	Here @ 11:30
MH-02	1055	3123-03 FD 312304	7-16-13	20.17	11.02	-174	8.84	4.3	5.80	FD 3123-04	
MH-03	11:25	3123-05	7-16-13	21.10	10.67	-124	17.6	16.9	9.71	—	—
MH-04	1140	3123-06	7-16-13	20.12	11.08	-117	19.3	24.8	9.19	—	—
MH-05	1200	312307	7-16-13	20.88	11.32	-127	19.3	19.7	6.70	—	—
MH-06	1300	3123-08	7-16-13	22.07	10.89	-109	18.8	33.8	8.75	—	—
MH-07	1345	3123-09	7-16-13	22.20	11.25	-112	18.8	28.3	8.54	—	—
MH-08	1405	3123-10	7-16-13	21.90	11.29	-121	19.2	18.6	7.99	—	— 3 misters misters.
MH-09	1430	3123-11	7-16-13	21.81	11.29	-109	192	23.1	8.02	—	—
MH-10	1505	3123-12	7-16-13	20.64	11.39	-122	23.0	26.2	8.43	—	—
MH-18	955	3125-01 3125-07	7-17-13	21.71	8.71	-36	19.1	17.9	2.32	—	Crec 3125-07 11:05 @
MH-17											Dry <0.25 inch
MH-16	1055	3125-02	7-17-13	22.20	10.60	-140	6.70	13.6	5.01	ms/msd 3125-03/04	
MH-15	1125	3125-05	7-17-13	21.43	10.93	-119	6.25	28.6		—	MH-01 surcharged. pump placed near base of MH
MH-14	1150	3125-06	7-17-13	21.39	11.10	-105	29.1	13.0	6.80	—	not surcharged, flowing.
PCP-02	1320	3125-08	7-17-13	25.28	11.85	18	31.7	5.6	8.89	—	From Vault before connected
PCP-01	13	3125-09	7-17-13	22.67	11.77	-8	20.2	19.6	6.65	—	very little flow
MH-11	1140	3126-01	7-18-13	23.63	11.29	-149	25.2	14.0	3.18	—	
MH-12	1210	3126-02	7-18-13	23.46	11.19	-150	30.7	13.6	6.44	—	
MH-13	1225	3126-03	7-18-13	23.72	11.36	-147	29.8	14.1	5.62	—	

Wastebeds 9-15 Closure Investigation: Subsurface Leachate Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?	Routine or Expanded?
SB915-MH-01	10/23/13	9:05	9.81	14959.8	11.29	5.19	3.97	NO	R
SB915-MH-02★	10/23/13	9:15	9.88	10764.2	11.20	5.35	3.15	NO	R
SB915-MH-03	10/23/13	9:30	9.69	29887.3	11.75	7.16	8.84	NO	R
SB915-MH-04★	10/23/13	9:40	10.38	31646.6	11.75	8.49	6.20	FD	R
SB915-MH-05★	10/23/13	10:30	10.12	22976.0	13.40	8.51	1.83	NO	R
SB915-MH-06	10/23/13	10:55	9.62	16296.5	13.77	8.99	3.24	NO	R
SB915-MH-07★	10/23/13	11:10	10.92	29132.6	13.69	8.19	~~13.9~~ 10.08	NO	R
SB915-MH-08	10/23/13	11:28	10.79	16848.1	14.04	8.86	8.07	NO	R
SB915-MH-09	10/23/13	13:10	10.22	27887.3	13.69	8.61	.92	NO	R
SB915-MH-10	10/23/13	13:25	11.43	35048.2	13.08	8.55	1.94	NO	R
SB915-MH-11	10/23/13	13:35	1151	28343.1	12.97	7.91	1.57	MS/MSD	R
SB915-MH-12★	10/23/13	14:20	11.30	32011.5	12.91	8.82	5.22	NO	R
SB915-MH-13★	10/23/13	14:40	11.28	40913.1	13.03	7.97	5.43	NO	R
SB915-MH-14	10/24/13	0925	11.02	39113.6	12.17	10.72	3.31	no	R
SB915-MH-15	10/24/13	09:55	11.10	39572.5	12.71	8.69	3.48	no	R
SB915-MH-16	10/24/13	10:15	8.45	63841.5	12.27	7.01	3.21	no	R
SB915-MH-17	1/4" flow could not collect Sample.								
SB915-MH-18	10/24/13	1045	7.07	17617.6	13.04	2.68	6.85	no	R
SB915-PCP-01	10/22/13	14:00	11.44	18489.7	13.08	6.67	7.80	NO	R
SB915-PCP-02	10/22/13	14:00	11.76	44469.2	16.94	7.67	1.24	NO	R
SB915-PCP-03	—	—	—	—	—	—	—	—	

★ = missing sign

Wastebeds 9-15 Closure Investigation: Subsurface Leachate Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity mS/cm	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?	Routine or Expanded?
SB915-MH-01	1/29/14	9:08	11.82	7.926	6.46	5.74	1.72	no	R 3144-01
SB915-MH-02	1/29/14	9:30	11.37	7.885	5.42	6.27	1.42	no	R 3144-02
SB915-MH-03	1/29/14	9:45	11.76	12.1119	6.57	8.73	1.86	no	R-3144-03
SB915-MH-04	1/29/14	10:00	12.16	14.344	4.80	9.56	2.39	no	R-3144-04
SB915-MH-05	1/29/14	11:00	11.80	15.981	7.04	8.39	2.16	no	R-3144-05
SB915-MH-06	1/29/14	11:40	11.73	16.438	8.11	9.20	2.02	MS/MSD	R-3144-06/07/08
SB915-MH-07	1/29/14	13:30	10.59	16.623	5.67	9.92	1.71	no	R-3144-09
SB915-MH-08	1/29/14	14:00	11.70	16.590	6.27	10.04	11.72	no	R-3144-10
SB915-MH-09	1/29/14	14:20	11.69	16.541	6.65	10.27	2.33	no	R-3144-11
SB915-MH-10	1/29/14	14:40	11.89	19.993	4.26	10.36	3.57	no	R-3144-12
~~SB915-MH-11~~	~~1/30/14~~	~~9:30~~	—	—	—	—	~~1.93~~	~~FD~~	~~R3146-01/02~~
SB915-MH-12	1/30/14	9:50	10.81	17.312	3.11	11.57	2.72	no	R-3146-03
SB915-MH-13	1/30/14	10:15	11.36	16.897	5.47	10.62	1.97	no	R-3146-04
SB915-MH-14	1/30/14	10:50	11.78	15.101	2.73	11.05	2.63	no	R-3146-05
SB915-MH-15	1/29/14	15:10	11.94	11.130	4.00	10.35	2.77	no	R3145-01
SB915-MH-16	1/30/14	11:30	11.45	4.0047	5.52	5.43	3.98	no	R3146-06
SB915-MH-17	dry	—	—	—	—	—	—	—	—
SB915-MH-18	1/30/14	13:15	9.29	12.072	9.67	7.60	2.49	no	R3146-07
SB915-PCP-01	1/30/14	14:05	11.97	11.294	8.54	7.25	6.70	no	R3146-09
SB915-PCP-02	1/30/14	14:35	12.13	26.299	9.10	8.68	5.13	no	R3146-08
SB915-PCP-03	—	—	—	—	—	—	—	—	—
SB915-MH11	1/30/14	~~9:17~~ 9:30	11.85	14.301	3.53	11.0	1.93	FD	R3146-01/02

SB915-3144

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, KJK, CAH
Date: 4/28/14 - 4/29/14
Weather:

Location	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01	SB915-3159-01	4/28/2014	945	11.70	5.66	11.79	6.84	-144.0	0.83	No	
SB915-MH-02	SB915-3159-02	4/28/2014	1005	11.58	5.52	13.85	13.62	-139.7	0.77	No	
SB915-MH-03	SB915-3159-03, 04, 05	4/28/2014	1030	11.43	13.09	14.91	8.89	-109.0	0.57	MS/MSD	
SB915-MH-04	SB915-3159-06	4/28/2014	1100	11.83	13.29	16.44	12.82	-107.5	0.48	No	
SB915-MH-05	SB915-3159-07	4/28/2014	1110	11.89	13.00	17.00	11.16	-110.0	0.51	No	
SB915-MH-06	SB915-3159-08	4/28/2014	1130	11.93	12.82	18.54	12.02	-104.9	3.82	No	
SB915-MH-07	SB915-3159-09	4/28/2014	1255	12.04	13.24	15.86	12.36	-104.1	1.50	No	
SB915-MH-08	SB915-3159-10	4/28/2014	1310	12.18	12.85	14.01	8.00	-98.6	1.01	No	
SB915-MH-09	SB915-3159-11	4/28/2014	1330	12.08	12.85	17.02	10.54	-105.0	0.88	No	
SB915-MH-10	SB915-3159-12	4/28/2014	1340	12.05	15.27	17.72	9.09	-114.4	0.81	No	
SB915-MH-11	SB915-3160-01	4/28/2014	1400	12.06	14.65	18.63	9.09	-112.1	1.70	No	
SB915-MH-12	SB915-3160-02	4/28/2014	1415	12.02	17.51	17.22	9.68	-99.3	2.09	No	No sign
SB915-MH-13	SB915-3160-03	4/28/2014	1440	11.94	18.36	19.11	9.98	-105.0	2.00	No	
SB915-MH-14	SB915-3161-01	4/29/2014	950	11.93	18.74	11.54	9.76	-88.7	1.56	No	
SB915-MH-15	SB915-3161-02	4/29/2014	1005	11.91	17.44	11.31	10.16	-89.7	2.39	No	
SB915-MH-16	SB915-3161-03, 04	4/29/2014	1030	11.42	3.77	11.86	5.27	-103.4	5.31	FD	FD: 3161-04
SB915-MH-17	SB915-3161-05	4/29/2014	1045	8.22	15.42	10.09	11.35	24.0	9.24	No	
SB915-MH-18	SB915-3161-06	4/29/2014	1100	8.74	16.74	10.37	6.10	-109.8	12.49	No	
SB915-PCP-01	SB915-3161-08	4/29/2014	1210	11.96	11.9	9.95	8.91	-6.9	2.92	No	
SB915-PCP-02	SB915-3161-07	4/29/2014	1145	12.36	20.59	11.09	9.18	-73.9	1.00	No	
SB915-PCP-03											Does not exist

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, CAH, KJK
Date: 7/14/14 - 7/15/14
Weather: 85°F

Location	Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°c)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01	Routine	SB915-3169-01	7/14/2014	1045	11.38	10.68	21.26	8.69	-142.6	1.39	No	
SB915-MH-02	Routine	SB915-3169-02	7/14/2014	1100	11.49	11.63	19.06	6.34	-136.0	1.19	No	
SB915-MH-03	Routine	SB915-3169-03	7/14/2014	1145	11.10	22.82	23.86	9.21	-86.6	1.01	No	
SB915-MH-04	Baseline	SB915-3169-04	7/14/2014	1200	11.45	23.20	20.91	10.39	-61.4	1.48	No	
SB915-MH-05	Routine	SB915-3169-05	7/14/2014	1210	11.39	23.62	22.69	9.78	-61.4	1.87	No	
SB915-MH-06	Baseline	SB915-3169-06	7/14/2014	1330	11.34	22.65	23.11	10.56	-50.9	6.30	No	
SB915-MH-07	Routine	SB915-3169-07	7/14/2014	1345	11.32	23.01	21.22	11.16	-46.0	1.97	No	
SB915-MH-08	Baseline	SB915-3169-08	7/14/2014	1400	11.33	23.01	21.17	9.02	-46.0	6.72	No	
SB915-MH-09	Routine	SB915-3169-09	7/14/2014	1415	11.10	22.90	21.53	9.85	-37.4	3.24	No	
SB915-MH-10	Routine	SB915-3169-10	7/14/2014	1440	11.44	28.58	22.28	9.03	-93.1	2.48	No	
SB915-MH-11	Routine	SB915-3170-01, 02, 03	7/15/2014	1000	11.58	30.42	19.38	8.72	-94.3	2.16	MS/MSD	
SB915-MH-12	Routine	SB915-3170-04	7/15/2014	1030	11.40	35.46	19.76	8.26	-89.2	1.60	No	
SB915-MH-13	Routine	SB915-3170-05	7/15/2014	1040	11.41	35.49	18.95	9.91	-86.0	1.88	No	
SB915-MH-14	Routine	SB915-3170-06	7/15/2014	1050	11.38	34.88	18.55	10.14	-78.0	2.44	No	
SB915-MH-15	Routine	SB915-3170-07	7/15/2014	1100	11.38	28.55	19.3	9.70	-99.7	4.04	No	
SB915-MH-16	Routine	SB915-3170-08	7/15/2014	1120	11.94	7.19	16.45	9.78	-147.8	3.29	No	
SB915-MH-17	Routine											Sheet flow on bottom of pipe
SB915-MH-18	Routine	SB915-3170-09	7/15/2014	1130	8.14	15.55	17.03	6.20	35.7	2.14	No	
SB915-PCP-01	Routine	SB915-3170-12	7/15/2014	1230	12.05	20.98	19.29	10.74	-12.5	2.31	No	
SB915-PCP-02	Routine	SB915-3170-10, 11	7/15/2014	1200	12.06	43.07	21.26	8.32	-47.7	0.96	FD (11)	
SB915-PCP-03	Routine											Does not exist

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, KJK, CAH
Date: 7/18/2014
Weather: ~80°F

Location	Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°c)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01												
SB915-MH-02												
SB915-MH-03												
SB915-MH-04	Baseline	SB915-3173-02, 03, 04	7/18/2014	1040	11.14	24.63	19.49	8.69	-43.9	1.62	MS / MSD	
SB915-MH-05												
SB915-MH-06	Baseline	SB915-3173-05	7/18/2014	1110	11.12	24.45	21.59	9.25	-43.1	1.52	No	
SB915-MH-07	Routine	SB915-3174-01	7/18/2014	1115	11.13	24.36	22.48	8.85	-40.7	1.39	No	
SB915-MH-08	Baseline	SB915-3173-06, 07	7/18/2014	1130	11.17	24.32	21.09	8.85	-37.5	1.78	FD (07)	
SB915-MH-09												
SB915-MH-10												
SB915-MH-11												
SB915-MH-12												
SB915-MH-13												
SB915-MH-14												
SB915-MH-15												
SB915-MH-16												
SB915-MH-17												
SB915-MH-18												
SB915-PCP-01												
SB915-PCP-02												
SB915-PCP-03												

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, CAH, CYV
Date: 10/8/14, 10/9/14, 10/10/14, 10/13/14
Weather: ~60°C

Location	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01	SB915-3176-01	10/8/2014	1130	10.45	8.37	15.89	7.10	-131.20	2.63	No	
SB915-MH-02	SB915-3176-02	10/8/2014	1215	10.61	8.28	14.90	7.92	-132.10	3.80	No	
SB915-MH-03	SB915-3176-03	10/8/2014	1335	9.94	34.91	14.84	7.37	-58.40	4.30	No	
SB915-MH-04	SB915-3176-04	10/8/2014	1415	10.99	33.99	14.63	8.90	-51.70	9.57	No	
SB915-MH-05	SB915-3176-05	10/8/2014	1445	11.00	34.15	14.37	9.21	-34.10	2.12	No	
SB915-MH-06	SB915-3177-01	10/9/2014	1105	8.43	33.83	14.95	8.61	77.90	4.44	No	Water in manhole, very little flow
SB915-MH-07	SB915-3177-02	10/9/2014	1130	10.84	32.03	14.12	9.00	14.80	2.25	No	
SB915-MH-08	SB915-3177-03	10/9/2014	1155	10.85	31.47	15.26	9.21	-6.30	3.91	No	
SB915-MH-09	SB915-3177-04	10/9/2014	1225	10.82	31.34	16.11	8.85	12.40	4.37	No	
SB915-MH-10	SB915-3177-05, 06, 07	10/9/2014	1425	11.40	37.00	15.62	8.62	-103.00	3.21	MS/MSD	
SB915-MH-11	SB915-3177-08	10/9/2014	1440	11.51	40.94	15.33	7.95	-110.00	3.84	No	
SB915-MH-12	SB915-3178-01	10/10/2014	1250	10.19	50.15	15.24	7.75	-109.60	5.12	No	
SB915-MH-13	SB915-3178-02	10/10/2014	1320	11.26	47.21	13.38	8.34	-116.60	4.93	No	
SB915-MH-14	SB915-3178-03	10/10/2014	1345	11.16	47.60	14.31	8.26	-94.20	4.70	No	
SB915-MH-15	SB915-3178-04	10/10/2014	1420	11.15	47.53	15.21	9.51	-107.00	5.88	No	
SB915-MH-16		10/13/2014									Dry
SB915-MH-17		10/13/2014									Dry
SB915-MH-18	SB925-3179-01, 02	10/13/2014	1150	7.10	16.89	16.65	5.01	89.90	5.37	FD	Very lttle flow, water in bottom
SB915-PCP-01	SB915-3179-04	10/13/2014	1325	11.91	28.28	15.42	7.32	-50.80	48.70	No	
SB915-PCP-02	SB915-3179-03	10/13/2014	1255	11.63	50.47	18.88	8.87	-154.70	10.49	No	Collected from Vault
SB915-PCP-03											Does not exist

O'BRIEN & GERE

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Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, CAH AJF
Date: 2/5/2015
Weather:

Location	Field Sample ID	Date	Time	pH	Conductivity (uS/cm)	Temperature (Celsius)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01	SB915-3186-01	2/5/2015	11:25	11.63	10182.5	4.03	6.27	-143.20	1.43		
SB915-MH-02	SB915-3186-02	2/5/2015	11:40	12.00	10026.5	4.83	13.53	-142.90	2.08		
SB915-MH-03	SB915-3186-03	2/5/2015	12:00	12.16	10014.5	3.94	13.75	-88.80	1.31		
SB915-MH-04	SB915-3186-04	2/5/2015	12:10	12.36	23460	3.98	11.24	-68.90	15.70		
SB915-MH-05	SB915-3186-05	2/5/2015	12:25	12.27	23456.9	3.63	10.49	-63.10	5.24		
SB915-MH-06	SB915-3186-06	2/5/2015	12:40	12.34	23493.2	2.4	11.27	-60.30	6.01	FD (07)	BOD Sample
SB915-MH-07	SB915-3186-08	2/5/2015	14:00	12.11	23414.7	2.29	13.30	-55.30	9.20		
SB915-MH-08	SB915-3186-09	2/5/2015	14:10	12.11	23563.4	2.81	11.61	-51.80	7.69		
SB915-MH-09	SB915-3186-10	2/5/2015	14:30	12.09	24387.5	1.56	11.45	-45.00	2.02		
SB915-MH-10	SB915-3187-01	2/6/2015	10:55	11.74	27096.2	6.59	10.26	-99.30	1.41		
SB915-MH-11	SB915-3187-02	2/6/2015	11:05	12.03	34470.8	4.84	9.65	-110.50	1.83		
SB915-MH-12	SB915-3187-03	2/6/2015	11:20	11.71	39457.3	3.68	5.29	-59.50	2.74		
SB915-MH-13	SB915-3187-04	2/6/2015	11:55	11.92	36328.6	2.96	10.59	-75.10	1.78		
SB915-MH-14	SB915-3187-05	2/6/2015	12:05	11.83	35017.6	3.12	10.57	-65.90	2.77		
SB915-MH-15	SB915-3187-06	2/6/2015	12:20	11.88	35744.6	3.02	10.52	-72.00	4.06		
SB915-MH-16	SB915-3187-07	2/6/2015	12:35	12.14	9546.7	5.04	5.76	-89.50	5.61		
SB915-MH-17	DRY	2/6/2015	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
SB915-MH-18	SB915-3187-08	2/6/2015	12:47	10.01	16810	1.93	7.84	-37.30	6.7	MS (09), MSD (10)	BOD Sample
SB915-PCP-01	SB915-3187-11	2/6/2015	14:50	12.26	20820.7	4.09	9.67	-0.30	49.6		
SB915-PCP-02	SB915-3187-12	2/6/2015	15:10	12.44	54707.7	3.45	9.4	-108.4	22.2		
SB915-PCP-03	Under Construction										

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: CAH, TBP

Date(s): 4/23/15, 4/24/15

Weather:

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
SB915-MH-01	SB915-3199-01	4/23/2015	10:35	10.83	6.75	8.7	6.8	-186.7	0.5		
SB915-MH-02	SB915-3199-02	4/23/2015	11:15	11.09	6.92	7.4	7.5	-178.4	0.4		Needs Sign
SB915-MH-03	SB915-3199-03	4/23/2015	11:45	10.79	13.22	7.43	9.4	-132.9	0.5		
SB915-MH-04	SB915-3199-04	4/23/2015	12:10	11.35	12.65	7.34	10.4	-124.1	0.4		
SB915-MH-05	SB915-3199-05	4/23/2015	12:40	11.35	12.59	7.45	11.1	-119.0	0.3		
SB915-MH-06	SB915-3199-06,07,08	4/23/2015	14:00	11.34	12.73	6.82	10.1	-116.5	0.7	MS/MSD	BOD Sample
SB915-MH-07	SB915-3199-09	4/23/2015	14:30	11.36	12.71	6.33	10.4	-113.2	1.1		
SB915-MH-08	SB915-3199-10	4/23/2015	15:00	11.43	12.62	6.11	10.3	-110.6	1.4		
SB915-MH-09	SB915-3199-11	4/23/2015	15:25	11.4	12.71	5.65	12.5	-108.4	1.1		
SB915-MH-10	SB915-3200-01	4/24/2015	9:00	11.37	15.02	7.39	10.2	-114.3	1.7		
SB915-MH-11	SB915-3200-02	4/24/2015	9:25	11.36	15.51	6.13	13.0	-109.1	3.9		
SB915-MH-12	SB915-3200-03	4/24/2015	9:45	11.25	19.2	6.07	10.7	-103.3	1.0		Needs Sign
SB915-MH-13	SB915-3200-04	4/24/2015	10:05	11.25	18.81	5.03	13.1	-98.0	1.4		
SB915-MH-14	SB915-3200-05	4/24/2015	10:45	11.18	18.34	4.64	12.6	-91.0	1.2		
SB915-MH-15	SB915-3200-06	4/24/2015	11:25	11.17	16.85	5.74	13.0	-88.0	1.7		
SB915-MH-16	SB915-3200-07	4/24/2015	11:50	10.77	3.76	6.36	8.3	-55.6	3.4		
SB915-MH-17	SB915-3200-08	4/24/2015	12:30	8.79	15.35	5.96	13.2	-33.9	7.4		very little flow
SB915-MH-18	SB915-3200-09,10	4/24/2015	13:15	8.19	16.32	6.83	7.6	-35.9	8.7	FD	BOD Sample
SB915-PCP-01	SB915-3200-11	4/24/2015	14:30	10.43	8.8	5.53	9.64	-1.5	49.3		
SB915-PCP-02	SB915-3200-12	4/24/2015	15:00	11.66	26.86	6.4	7.4	-62.6	2.3		Vault is full with water
SB915-PCP-03	Under Construction										

Notes:

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: C Hoy, K Kolwaite, MDM
Date: 7/15/2015
Weather: overcast ~70°

Location	Field Sample ID	Date	Time	pH	Conductivity ( )	Temperature ( )	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS | MSD | FD*	(Other Observations)
SB915-MH-01	SB915-3206-03,04	7/15/2015	11:25	11.66	6.158	14.07	6.1	-174.6	14.5	FD	metal ring shifted - off center, top terracta cracked, concrete is intact
SB915-MH-02	SB915-3206-05,06,07	7/15/2015	11:50	11.63	6.279	13.52	12.2	-170.7	13.3	MS/MSD	
SB915-MH-03	SB915-3206-08	7/15/2015	13:25	11.02	15.921	17.92	6.5	-141.7	12.3	---	
SB915-MH-04	SB915-3206-09	7/15/2015	13:35	11.22	16.761	18.08	7.5	-129.3	17.0	---	
SB915-MH-05	SB915-3206-10	7/15/2015	13:45	11.18	16.966	18.85	7.9	-128.6	17.3	---	
SB915-MH-06	SB915-3206-11	7/15/2015	14:00	11.19	16.748	17.47	10.4	-115.9	21.9	---	BOD collected on 7/20, sb915-3210-01, 10:05
SB915-MH-07	SB915-3206-12	7/15/2015	14:10	11.19	16.696	16.59	8.8	-111.2	22.5	---	
SB915-MH-08	SB915-3208-01	7/16/2015	10:10	11.07	16.833	16.78	9.0	-114.7	2.2	---	
SB915-MH-09	SB915-3208-02	7/16/2015	10:20	11.1	16.904	17.42	9.1	-106.5	3.2	---	
SB915-MH-10	SB915-3208-03	7/16/2015	10:35	11.25	20.682	16.54	9.7	-115.3	3.1	---	
SB915-MH-11	SB915-3208-04	7/16/2015	10:45	11.34	22.679	15.79	9.2	-122.4	2.7	---	
SB915-MH-12	SB915-3208-05	7/16/2015	10:55	11.19	27.818	15.79	9.0	-117.3	5.2	---	
SB915-MH-13	SB915-3208-06	7/16/2015	11:10	11.14	26.602	17.86	9.3	-115.2	3.0	---	
SB915-MH-14	SB915-3208-07	7/16/2015	11:15	11.12	25.827	17.02	9.0	-99.2	8.6	---	
SB915-MH-15	SB915-3208-08	7/16/2015	11:30	11.06	23.176	18.67	8.5	-114.4	6.1	---	
SB915-MH-16	SB915-3208-09	7/16/2015	11:45	11.2	4.348	16.87	10.9	-155.8	42.7	---	
SB915-MH-17	SB915-3208-10	7/16/2015	12:05	11.49	17.54	18.21	11.5	28.6	47.1	---	
SB915-MH-18	SB915-3208-11	7/16/2015	12:15	6.34	17.522	17.84	4.6	70.3	15.0	---	BOD collected on 7/20, sb915-3210-02, 10:15
SB915-PCP-01	SB915-3206-01	7/15/2015	10:30	11.51	15.523	17.05	6.74	37.3	13.9	---	
SB915-PCP-02	SB915-3206-02	7/15/2015	10:45	11.92	29.626	16.2	9.1	-127.7	15.3	---	

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB,TBP,CAH
Date: 10/13/2015
Weather:

Location	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	(Other Observations)
SB915-MH-01	SB915-3215-01	10/13/2015	1100	11.01	11.77	15.52	8.96	-220.1	0.64		
SB915-MH-02	SB915-3215-02	10/13/2015	1115	11.76	10.85	15.23	9.11	-214.2	0.58		
SB915-MH-03	SB915-3215-03	10/13/2015	1130	11.25	21.97	15.36	7.26	-142.3	2.14		
SB915-MH-04	SB915-3215-04	10/13/2015	1145	11.62	23.98	15.36	8.20	-123.9	3.10		
SB915-MH-05	SB915-3215-05	10/13/2015	1200	11.62	24.00	15.63	8.52	-115.2	3.35		
SB915-MH-06	SB915-3215-06, 07	10/13/2015	1220	11.48	24.04	16.02	9.01	-105.0	4.61	FD	
SB915-MH-07	SB915-3215-08	10/13/2015	1230	11.33	23.82	16.97	8.46	-101.2	0.70		
SB915-MH-08	SB915-3215-09	10/13/2015	1240	11.09	23.69	17.09	9.23	-97.6	1.99		
SB915-MH-09	SB915-3215-10	10/13/2015	1255	10.39	23.70	18.85	8.21	-73.4	0.80		
SB915-MH-10	SB915-3215-11	10/13/2015	1305	11.87	29.20	17.96	8.68	-179.9	1.71		
SB915-MH-11	SB915-3216-01	10/14/2015	905	12.28	37.55	14.01	9.13	-179.3	0.65		
SB915-MH-12	SB915-3216-02	10/14/2015	915	12.04	37.23	13.79	8.09	-153.1	6.89		
SB915-MH-13	SB915-3216-03	10/14/2015	935	12	36.96	13.73	8.30	-146.3	14.10		
SB915-MH-14	SB915-3216-04	10/14/2015	950	11.92	36.09	13.82	7.74	-140.9	11.03		
SB915-MH-15	SB915-3216-05	10/14/2015	1000	11.92	37.05	13.46	8.28	-136.8	6.10		godwin pump at ground level
SB915-MH-16	SB915-3216-06	10/14/2015	1020	9.59	9.29	13.64	8.77	-147.5	15.00		
SB915-MH-17	SB915-3216-07	10/14/2015	1035	8.62	15.21	14.41	9.05	-92.7	41.60		little flow
SB915-MH-18	SB915-3216-08,09,10	10/14/2015	1100	8.32	16.51	14.14	5.37	-66.8	1.81	MS/MSD	
SB915-PCP-01	SB915-3216-11	10/14/2015	1245	12.68	17.84	13.42	7.11	-87.3	8.78		
SB915-PCP-02	SB915-3216-12	10/14/2015	1230	12.86	43.09	15.36	8.57	-194.7	9.64		

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, CAH, TBP

Date(s): 2/4/16 - 2/5/16

Weather: ~ 30° F

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity mS/cm	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS / MSD / FD*	Other Observations
SB915-MH-01	SB915-3221-01	2/4/2016	8:50	11.18	4.09	7.20	11.04	-79.3	24.60		
SB915-MH-02	SB915-3221-02	2/4/2016	9:05	11.2	4.19	7.20	10.48	-87.5	26.20		
SB915-MH-03	SB915-3221-03	2/4/2016	9:30	11	11.90	6.73	9.35	-80.0	11.60		
SB915-MH-04	SB915-3221-04	2/4/2016	9:45	11.32	12.48	6.73	10.18	-54.4	7.01		
SB915-MH-05	SB915-3221-05	2/4/2016	9:55	11.3	12.45	6.57	10.06	-52.3	3.70		
SB915-MH-06	SB915-3221-06,07,08	2/4/2016	10:20	11.28	12.45	6.12	10.83	-44.8	3.91	MS,MSD	BOD Sample
SB915-MH-07	SB915-3221-11	2/4/2016	11:35	11.28	12.43	6.66	10.59	-51.8	4.40		
SB915-MH-08	SB915-3221-09	2/4/2016	11:05	11.33	12.45	6.17	10.97	-49.6	4.04		
SB915-MH-09	SB915-3221-10	2/4/2016	11:20	11.6	12.34	6.32	11.00	-62.3	7.68		
SB915-MH-10	SB915-3221-12	2/4/2016	12:35	11.65	15.00	7.68	12.56	-54.9	3.77		
SB915-MH-11	SB915-3222-01	2/4/2016	12:50	11.67	15.96	7.21	11.87	-51.3	3.88		
SB915-MH-12	SB915-3222-02	2/4/2016	13:05	11.5	18.49	7.07	11.98	-42.8	3.96		
SB915-MH-13	SB915-3222-03	2/4/2016	13:15	11.49	18.41	7.21	10.91	-46.3	3.72		
SB915-MH-14	SB915-3223-01	2/5/2016	10:00	11.29	18.61	7.10	11.25	-35.7	5.74		
SB915-MH-15	SB915-3223-02	2/5/2016	10:15	11.49	19.44	5.04	10.98	-0.8	4.03		
SB915-MH-16	SB915-3223-03	2/5/2016	10:25	9.71	4.83	4.34	8.62	12.1	3.04		
SB915-MH-17	SB915-3223-04	2/5/2016	10:45	11.87	5.50	4.58	13.11	-69.9	7.74		
SB915-MH-18	SB915-3223-05	2/5/2016	11:05	7.56	5.39	3.83	11.43	19.2	8.00	FD	BOD Sample
SB915-PCP-01	SB915-3222-05	2/4/2016	14:00	9.33	4.88	6.05	9.33	45.7	7.46		
SB915-PCP-02	SB915-3222-04	2/4/2016	13:45	12.14	35.88	8.07	10.36	-65.5	3.4		

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

Investigators: CAH, TBP
Date(s): 4/27/2016, 4/28/2016
Weather: SUNNY, 50S

SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
SB915-MH-01	SB915-3233-12	4/28/2016	11:20	11.08	5.58	11.61	5.58	-246.80	3.47		
SB915-MH-02	SB915-3233-11	4/28/2016	11:05	11.23	5.62	11.28	5.75	-241.60	0.99		
SB915-MH-03	SB915-3233-10	4/28/2016	10:50	10.83	14.73	10.52	7.11	-181.70	2.19		
SB915-MH-04	SB915-3233-09	4/28/2016	10:35	10.98	15.05	10.24	8.61	-157.30	1.89		
SB915-MH-05	SB915-3233-08	4/28/2016	10:20	10.98	14.99	10.67	9.36	-154.70	2.06		
SB915-MH-06	SB915-3233-06,07	4/28/2016	10:05	10.93	14.96	10.63	9.57	-146.60	1.49	FD	BOD Sample
SB915-MH-07	SB915-3233-05	4/28/2016	9:50	10.91	15.04	10.51	10.18	-148.90	2.83		
SB915-MH-08	SB915-3233-04	4/28/2016	9:35	10.87	14.98	9.97	10.73	-146.40	2.07		
SB915-MH-09	SB915-3233-03	4/28/2016	9:20	10.74	14.96	10.36	10.01	-142.30	2.52		
SB915-MH-10	SB915-3233-02	4/28/2016	9:05	10.69	18.45	10.69	10.19	-163.40	1.59		
SB915-MH-11	SB915-3233-01	4/28/2016	8:50	10.16	19.51	11.63	10.34	-172.10	1.20		
SB915-MH-12	SB915-3232-11	4/27/2016	15:30	10.83	25.98	11.27	10.39	-184.20	1.82		
SB915-MH-13	SB915-3232-10	4/27/2016	15:15	10.62	22.59	11.2	9.76	-176.60	1.68		
SB915-MH-14	SB915-3232-09	4/27/2016	15:00	10.2	21.85	12.58	10.04	-178.10	2.55		
SB915-MH-15	SB915-3232-03	4/27/2016	13:45	10.24	18.64	13.45	8.84	-182.80	12.80		
SB915-MH-16	SB915-3232-04	4/27/2016	14:00	11.19	3.63	12.28	7.92	-226.90	1.91		
SB915-MH-17	SB915-3232-05	4/27/2016	14:15	11.14	4.18	11.66	7.29	-254.20	1.40		
SB915-MH-18	SB915-3232-06;07;0	4/27/2016	14:45	9.62	16.35	11.15	4.90	-234.90	2.58	MS, MSD	BOD Sample
SB915-PCP-01	SB915-3232-01	4/27/2016	11:00	10.17	11.95	12.63	7.61	-31.00	3.55	-	
SB915-PCP-02	SB915-3232-02	4/27/2016	11:15	11.09	23.18	14.34	9.39	-139.80	2.42	-	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: CAH, TBP

Date(s): 7/26/2016

Weather: Sun, clouds, humid, 80F.

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
SB915-MH-01	SB915-3242-12	7/27/2016	15:40	11.12	13	18.91	5.03	-188.10	2.69		
SB915-MH-02	SB915-3242-11	7/27/2016	15:15	11.21	12.83	19.57	5.34	-176.60	2.20		
SB915-MH-03	SB915-3242-10	7/27/2016	15:00	10.84	29.67	22.14	6.83	-71.40	2.44		
SB915-MH-04	SB915-3242-09	7/27/2016	14:20	10.82	29.81	22.78	8.09	-39.20	3.96		
SB915-MH-05	SB915-3242-06,07,08	7/27/2016	12:40	10.61	28.44	27.5	7.99	-47.10	2.46	MS/MSD	
SB915-MH-06	SB915-3242-05	7/27/2016	12:15	10.1	21.21	29.3	8.70	-27.30	2.71		BOD Sample
SB915-MH-07	SB915-3242-04	7/27/2016	11:40	9.52	22.52	28.25	9.15	-9.00	3.42		
SB915-MH-08	SB915-3242-03	7/27/2016	11:20	9.62	23.26	29.24	8.58	-1.10	2.73		
SB915-MH-09	SB915-3242-02	7/27/2016	10:00	10.44	28.4	20.81	8.60	-40.30	1.64		
SB915-MH-10	SB915-3242-01	7/27/2016	9:45	8.19	34.46	21.49	9.30	-167.30	1.32		
SB915-MH-11	SB915-3241-09	7/26/2016	13:10	11.01	37.57	19.56	8.14	-73.60	1.14		
SB915-MH-12	SB915-3241-08	7/26/2016	12:45	10.9	39.89	21.8	8.46	-63.10	0.97		
SB915-MH-13	SB915-3241-07	7/26/2016	12:15	10.66	43.68	19.84	8.15	-69.10	2.25		
SB915-MH-14	SB915-3241-06	7/26/2016	11:50	9.66	43.34	20.85	8.21	-75.90	11.70		
SB915-MH-15	SB915-3241-01	7/26/2016	9:05	9.18	42.55	21.27	7.84	-56.80	5.34		
SB915-MH-16	SB915-3241-02	7/26/2016	9:40	10.42	9.28	18.95	7.68	-14.90	12.30		
SB915-MH-17	SB915-3241-03	7/26/2016	10:10	9.5	9.08	20.14	8.51	-64.70	61.00		
SB915-MH-18	SB915-3241-04,05	7/26/2016	10:45	8.82	12.47	19.19	6.70	-110.80	4.89	FD	BOD Sample
SB915-PCP-01	SB915-3241-11	7/26/2016	15:00	11.71	20.77	24.77	5.70	-43.40	2.35		
SB915-PCP-02	SB915-3241-010	7/26/2016	14:30	11.14	36.7	25.22	7.61	-68.50	14.70		

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: JWB, TBP / CAH, MDM, DMR
Date(s): 10-5-16 / 10-6-16
Weather: Sun, 60s - 70s

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC MS / MSD / FD	Other Observations
SB915-MH-01	SB915-3250-12	10-6-16	10:45	9.73	9.54	15.77	5.55	-166.8	3.55	—	
SB915-MH-02	SB915-3250-11	10-6-16	10:35	9.85	~~9.71~~	~~14.65~~	8.83	-165.1	0.30	—	
SB915-MH-03	SB915-3250-10	10-6-16	10:20	9.16	18.03	15.85	7.16	-62.3	4.90	—	
SB915-MH-04	SB915-3250-09	10-6-16	~~10:15~~ 10:00	9.24	20.21	16.20	8.68	1.8	2.80	—	
SB915-MH-05	SB915-3250-08	10-6-16	~~9:50~~	9.40	20.34	16.07	8.67	7.0	4.01	—	
SB915-MH-06	SB915-3250-07	10-6-16	9:40	9.15	20.26	16.41	8.76	30.1	0.54	—	BOD Sample, sign missing
SB915-MH-07	SB915-3250-06	10-6-16	9:30	8.94	20.16	17.56	8.73	42.6	0.51	—	
SB915-MH-08	SB915-3250-05	10-6-16	9:20	9.01	19.84	16.74	8.61	33.4	0.33	—	
SB915-MH-09	SB915-3250-04	10-6-16	9:05	9.33	19.87	16.74	9.56	31.6	0.27	—	
SB915-MH-10	SB915-3250-01,02,03	10-6-16	8:45	9.89	27.78	15.71	8.88	-132.6	0.59	MS/MSD	
SB915-MH-11	SB915-3249-07	10.5.16	1455	10.23	29.33	18.61	8.22	-128.0	1.73	—	
SB915-MH-12	SB915-3249-06	10-5-16	1445	10.15	36.42	19.04	8.10	-123.4	3.50	—	
SB915-MH-13	SB915-3249-05	10.5.16	1430	10.05	35.36	19.93	7.84	-116.1	1.50	—	
SB915-MH-14	SB915-3249-04	10.5.16	1415	9.38	35.30	19.96	7.99	-97.3	4.56	—	
SB915-MH-15	SB915-3249-01	10.5.16	1330	8.89	35.04	23.01	8.00	-57.7	4.51	—	
SB915-MH-16	SB915-3257-01,02	11/16/16	940	11.12	4.36	11.11	7.96	236.8	3.82	FD	~~No flow~~ Samples
SB915-MH-17	SB915-3257-03,01,05	11/16/16	10:00	12.02	5.52	11.39	7.20	186.7	2.40	MS/MSD	~~No flow~~
SB915-MH-18	SB915-3249-02,03	10.5.16	1410	8.87	9.62	20.77	7.50	-49.6	8.15	FD	BOD Sample
SB915-PCP-01	SB915-3251-02	10-6-16	11:40	10.70	18.31	16.74	5.17	-44.9	0.86	—	
SB915-PCP-02	SB915-3251-01	10-6-16	11:20	10.45	37.67	19.29	6.98	-87.8	26.1	—	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: TBP, CAH, SWB
Date(s): 2-9-17, 2/10/17
Weather: Cold, wind, snow; cold-snow

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC MS / MSD / FD	Other Observations
SB915-MH-01	SB915-3266-02	↑	1120	11.69	6.30	4.40	8.97	-155.8	1.75	—	
SB915-MH-02	SB915-3266-01		1110	11.72	6.29	4.68	6.77	-156.1	2.23	—	
SB915-MH-03	SB915-3265-12		1100	11.54	12.79	2.50	8.47	-124.0	1.84	—	
SB915-MH-04	SB915-3265-11		1055	11.78	12.82	2.53	9.73	-121.9	1.32	—	
SB915-MH-05	SB915-3265-10		1045	11.73	12.97	4.76	9.97	-127.0	2.20	—	
SB915-MH-06	SB915-3265-09		1030	11.79	12.77	3.34	10.47	-122.8	2.06	—	BOD Sample
SB915-MH-07	SB915-3265-08		1015	11.77	12.86	4.71	10.52	-130.2	1.78	—	
SB915-MH-08	SB915-3265-07	2/10/17	1000	11.80	12.76	3.96	10.52	-132.3	2.69	—	
SB915-MH-09	SB915-3265-06	2/10/17	950	11.78	12.72	4.61	11.57	-124.7	1.98	—	
SB915-MH-10	SB915-3265-05	2/10/17	935	11.86	14.76	2.31	11.54	-92.1	1.38	—	
SB915-MH-11	SB915-3265-04	2/10/17	920	11.8	16.44	4.46	11.67	-108.2	1.52	—	
SB915-MH-12	SB915-3265-03	2/10/17	900	11.67	19.98	4.40	11.80	-102.6	1.00	—	
SB915-MH-13	SB915-3265-02	2/10/17	845	11.65	19.71	3.57	12.22	-89.5	2.76	—	
SB915-MH-14	SB915-3265-01	2/10/17	830	11.46	18.57	5.66	11.08	-88.6	3.48	—	
SB915-MH-15	SB915-3264-01/FD03	2/9/17	1420	11.5	15.51	5.51	11.77	-117.2	2.47	MS/MSD	
SB915-MH-16	SB915-3264-04	2/9/17	1430	12.05	4.67	4.71	8.97	-139.9	1.79	—	
SB915-MH-17	SB915-3264-05	2/9/17	1445	11.80	5.72	4.3	10.00	-127.5	4.07	—	
SB915-MH-18	SB915-3264-06/07	2/9/17	1505	8.41	11.84	3.36	9.16	-58.8	13.1	FD	BOD Sample
SB915-PCP-01	SB915-3266-04	2/10/17	1215	11.6	9.64	3.93	9.72	-35.8	44.6	—	
SB915-PCP-02	SB915-3266-03	2/10/17	1200	12.04	26.35	7.31	10.13	-111.9	1.34	—	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: TBP, JWB, CAH, MCP

Date(s): 4/24/17-

Weather:

Location	Field Sample ID	Date	Time	Specific Conductivity (Select Unit)	Dissolved Oxygen (mg/L)	ORP (mV)	pH (S.U.)	Temp. (°C)	Turb (NTU)	QC (*MS* | *MSD* | *FD*)	Other Observations
SB915-MH-01	SB915-3276-06	4/25/2017	11:00	4.81	4.86	-207.1	11.58	10.67	3.3	NONE	
SB915-MH-02	SB915-3276-05	4/25/2017	10:40	4.64	6.47	-198.5	11.59	10.55	3.29	NONE	
SB915-MH-03	SB915-3276-04	4/25/2017	10:20	11.51	6.73	-125.7	11.24	10.63	1.8	NONE	
SB915-MH-04	SB915-3276-03	4/25/2017	10:00	11.44	7.95	-122.0	11.63	10.72	1.87	NONE	
SB915-MH-05	SB915-3276-02	4/25/2017	9:30	11.37	7.51	-129.1	11.71	10.2	2.71	NONE	
SB915-MH-06	SB915-3276-01	4/25/2017	9:00	11.03	7.62	-113.2	11.67	11.37	3.65	NONE	BOD Sample
SB915-MH-07	SB915-3275-03	4/24/2017	14:45	10.78	7.83	-137.4	11.74	16.59	2.35	NONE	
SB915-MH-08	SB915-3275-02	4/24/2017	14:30	10.69	8.27	-132.3	11.94	14.07	2.36	NONE	
SB915-MH-09	SB915-3275-01	4/24/2017	14:10	10.28	8.32	-132.2	11.74	15.59	2.98	NONE	
SB915-MH-10	SB915-3274-12	4/24/2017	13:55	13.33	8.76	-135.2	11.96	13.84	2.28	NONE	
SB915-MH-11	SB915-3274-11	4/24/2017	13:45	14.22	9.64	-132.9	11.81	14.22	1.71	NONE	
SB915-MH-12	SB915-3274-10	4/24/2017	13:30	17.14	9.01	-126.7	11.64	14.66	2.2	NONE	
SB915-MH-13	SB915-3274-09	4/24/2017	13:10	17.12	9.07	-126.1	11.53	16.68	2.59	NONE	
SB915-MH-14	SB915-3274-06,07,08	4/24/2017	12:30	16.43	8.71	-124.1	11.41	15.92	3.97	MS/MSD	
SB915-MH-15	SB915-3274-01	4/24/2017	10:00	15.01	8.45	-92.7	11.31	12.65	3.74	NONE	
SB915-MH-16	SB915-3274-02	4/24/2017	10:20	3.47	7.2	-127.2	11.56	12.2	2.68	NONE	
SB915-MH-17	SB915-3274-03	4/24/2017	10:30	4.07	6.28	-139.0	11.66	12.24	5.09	NONE	
SB915-MH-18	SB915-3274-04,05	4/24/2017	10:50	12.93	5.19	-74.5	8.27	13.66	17.1	FD	BOD Sample
SB915-PCP-01	SB915-3276-08	4/25/2017	12:00	8.84	7.24	-29.5	11.3	12.44	12.7	NONE	
SB915-PCP-02	SB915-3276-07	4/25/2017	11:45	17.05	8.29	-95.2	11.99	11.85	2.08	NONE	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: CAH, MDM, HMW

Date(s): 7/20/2017

Weather:

Location	Field Sample ID	Date	Time	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH (S.U.)	Temp. (°C)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
SB915-MH-01	SB915-3280-09	7/20/2017	14:10	6.1	4.69	-194.5	11.58	19.22	2.04		
SB915-MH-02	SB915-3280-08	7/20/2017	14:00	6.01	4.13	-194.5	11.62	18.51	1.04		
SB915-MH-03	SB915-3280-07	7/20/2017	13:45	13.59	6.61	-172.5	11.27	21.18	1.08		
SB915-MH-04	SB915-3280-06	7/20/2017	13:25	14.06	6.56	-153.5	11.47	20.02	1.66		
SB915-MH-05	SB915-3280-05	7/20/2017	13:10	14.05	6.97	-148.7	11.42	20.47	1.99		
SB915-MH-06	SB915-3280-04	7/20/2017	13:00	13.69	7.0	-139.3	11.41	20.65	4.66		BOD Sample
SB915-MH-07	SB915-3280-03	7/20/2017	12:50	13.93	7.45	-132.2	11.39	20.29	5.93		
SB915-MH-08	SB915-3280-02	7/20/2017	12:35	13.56	7.3	-121.7	11.3	21.98	4.14		
SB915-MH-09	SB915-3280-01	7/20/2017	12:20	13.92	7.94	-113.7	11.22	21.81	2.47		
SB915-MH-10	SB915-3279-12	7/20/2017	11:30	17.49	8.0	-129.7	11.51	19.14	9.57		
SB915-MH-11	SB915-3279-11	7/20/2017	11:20	19.88	9.37	-132.7	11.39	22.43	9.07		
SB915-MH-12	SB915-3279-10	7/20/2017	11:05	22.57	7.88	-127.7	11.25	21.8	2.36		
SB915-MH-13	SB915-3279-07,08,09	7/20/2017	10:50	23.7	8.61	-114.6	11.31	19.89	2.69	MS,MSD	
SB915-MH-14	SB915-3279-06	7/20/2017	10:30	23.29	8.51	-108.1	11.12	20.86	2.57		
SB915-MH-15	SB915-3279-01	7/20/2017	9:00	16.13	8.42	-110.4	11.21	21.36	3.22		
SB915-MH-16	SB915-3279-02	7/20/2017	9:20	3.1	7.08	-132.6	11.29	25.13	5.09		
SB915-MH-17	SB915-3279-03	7/20/2017	9:40	3.62	5.75	-141.6	11.66	18.51	1.36		
SB915-MH-18	SB915-3279-04,05	7/20/2017	10:10	13.16	5.72	-16.5	7.07	18.78	9.05	FD	BOD Sample
SB915-PCP-01	SB915-3280-11	7/20/2017	15:00	15.6	5.14	-60.3	11.68	20.2	4.18		
SB915-PCP-02	SB915-3280-10	7/20/2017	14:45	27.67	7.68	-130.4	11.87	21.4	2.39		

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Subsurface Leachate Field Sample Sheet

Investigators: CAH, TBP, MDM; CAH, TBP
Date(s): 10/5/17; 10/6/17
Weather: Sun + clouds, 70; 60s

Location	Field Sample ID	Date	Time	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH (S.U.)	Temp. (°C)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
SB915-MH-01	SB915-3289-10	10/6/2017	10:45	10.24	4.84	-167.5	11.1	14.98	1.68		
SB915-MH-02	SB915-3289-09	10/6/2017	10:35	9.67	4.88	-170.6	11.43	14.58	1.22		
SB915-MH-03	SB915-3289-08	10/6/2017	10:20	27.7	9.05	-75.5	11.05	15.87	1.66		
SB915-MH-04	SB915-3289-07	10/6/2017	10:05	29.84	8.97	29.9	11.19	15.61	0.68		
SB915-MH-05	SB915-3289-06	10/6/2017	9:55	29.75	7.85	-27.5	11.11	15.72	0.87		
SB915-MH-06	SB915-3289-05	10/6/2017	9:35	29.73	7.98	-9.2	10.72	15.62	0.83		BOD Sample
SB915-MH-07	SB915-3289-04	10/6/2017	9:25	29.48	8.19	13.2	10.09	15.61	0.33		
SB915-MH-08	SB915-3289-03	10/6/2017	9:10	29.52	10.16	34.8	9.51	15.7	7.12		
SB915-MH-09	SB915-3289-02	10/6/2017	9:00	29.18	8.23	30.4	9.73	15.8	0.28		
SB915-MH-10	SB915-3289-01	10/6/2017	8:45	33.83	7.65	-129.2	11.5	15.83	0.59		
SB915-MH-11	SB915-3288-01	10/5/2017	15:00	39.02	6.73	-155.3	11.57	20.12	6.76		
SB915-MH-12	SB915-3287-12	10/5/2017	14:45	44.18	6.83	-139.8	11.27	20.07	1.28		
SB915-MH-13	SB915-3287-11	10/5/2017	14:35	42.25	6.64	-140.7	11.25	21.23	1.48		
SB915-MH-14	SB915-3287-10	10/5/2017	14:20	41.82	6.83	-140.8	11.11	21.18	4.7		
SB915-MH-15	SB915-3287-05	10/5/2017	13:15	41.46	6.75	-117.8	11.29	19.63	4.79		
SB915-MH-16	SB915-3287-06	10/5/2017	13:30	13.65	5.65	-175.4	11.65	18.78	1.89		
SB915-MH-17	SB915-3287-07	10/5/2017	13:40	13.84	6.1	-174.8	11.78	16.67	1.34		
SB915-MH-18	SB915-3287-08	10/5/2017	13:50	16.22	2.03	-212.4	8.25	18.42	2.53	FD	BOD Sample
SB915-PCP-01	SB915-3287-04	10/5/2017	12:50	19.7	4.49	-48.1	12.31	17.22	0.48		
SB915-PCP-02	SB915-3287-01	10/5/2017	12:20	42.85	8.33	-47.4	11.82	19.84	17.5	MS,MSD	

Notes:

APPENDIX D
SURFACE WATER FIELD DATA

Wastebeds 9-15 Closure Investigation: Surface Water Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity mS/cm	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?
NMC: Ref. Reach 3129-08	7.23.13	1240	7.93	0.903	21.15	7.97	28.0	NO
NMC: Reach A 3129-07	7.23.13	1250	7.78	0.916	20.24	7.78	26.8	NO
NMC: Reach B 3129-09	7.23.13	1315	7.44	0.916	20.35	11.60	4.7	NO
NMC: Reach C 3129-06	7.23.13	1200	7.89	1.03	24.59	9.13	8.1	NO
NMC: Reach D 3129-05	7.23.13	1135	7.79	1.12	24.62	8.10	3.3	NO
NMC: Reach E 3129-02/03/04	7.23.13	1110	7.35	1.55	23.08	6.90	0.0	MS/MSD
NMC: Reach F 3129-01	7-23-13	1040	7.02	1.83	22.80	7.53	5.6	NO
Outfall 011 3132-01	7.24.13	1050	6.38	16.5	19.53	8.26	4.9	NO
Outfall 017 3127-05	7.22.13	1330	7.36	2.67	24.56	4.01	15.8	NO
Outfall 018 Dry	7.22.13	—						
* Outfall 019 Pond Not Flowing	7.22.13	—						
Gravel Pit 3127-06/07	7-22-13	1350	7.36	0.002	29.06	5.31	37.4	FD
Retention Pond #1 3127-01	7.22.13	1100	5.72	17.1	29.29	2.55	0.0	NO
Retention Pond #2_Loc 1 3127-02	7.22.13	1135	6.37	12.5	28.86	5.18	0.0	NO
Retention Pond #2_Loc 2 3127-03	7.22.13	1200	6.46	12.1	29.26	5.03	0.0	NO
Iron Brook 3127-04	7.22.13	1215	6.78	7.92	22.42	2.57	9.5	NO
Ponded Area N of WB1 3132-03 3132-05	7.24.13	1200	8.21	13.4	23.64	3.49	19.1	NO
Interbed Area_Loc 1 3132-04	7/24/13	1130	6.82	9.65	24.60	2.62	42.3	NO
Interbed Area_Loc 2 3132-03	7/24/13	1115	6.73	10.6	24.68	3.00	37.7	NO
Interbed Area_Loc 3 3132-02	7/24/13	1100	6.62	11.0	25.42	4.13	69.4	NO
Reference Reach 2	7-25-13	1430	7.89	.899	22.28	9.35	8.0	NO

* Outfall 019 had stagnent water in it, no flow though -checked on 7/22/13 & 7/24/13

Pisces Loc	Date	Time	Field ID
Retention Pond #1	7/22/13	1045	SB915-3128-01
Retention 2-2	7.22.13	1125	SB915-3128-02
Iron Brook	7.22.13	1205	SB915-3128-03
Gravel Pit	7.22.13	1350	SB915-3128-04
Reach F	7.23.13	1030	SB915-3130-01
Reach E	7.23.13	1055	SB915-3130-02
Reach D	7.23.13	1125	SB915-3130-03
Reach C	7.23.13	1155	SB915-3130-04
Reach B	7.23.13	1315	~~SB915-3130-05~~ SB915-3133-03 Not shipped on 7.23.13, shipped on 7.24.13
Interbed Area Loc 2	7.24.13	1115	SB915-3133-01
Ponded Area N of WB11	7.24.13	1150	SB915-3133-02

Wastebeds 9-15 Closure Investigation: Surface Water Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity µS/cm	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?
NMC: Ref. Reach	10/22/13	9:28	7.53	871.5	11.79	10.17	9.01	No
NMC: Reach A	10/22/13	9:25	8.07	879.9	10.92	11.44	5.84	NO
NMC: Reach B	10/22/13	10:00	8.06	886.9	11.17	10.36	3 0.81	NO
NMC: Reach C	10/22/13	11:20	8.11	938.2	11.98	10.29	5.05	NO
NMC: Reach D	10/22/13	12:50	8.10	1014.3	12.76	10.34	4.66	No
NMC: Reach E	10/22/13	13:05	8.06	1544.4	12.67	10.43	5.14	No
NMC: Reach F	10/22/13	13:20	8.07	1462.7	13.22	10.49	5.87	No
Outfall 011	10-21-13	~~12:22~~ 13:35	7.80	4909.7	17.37	9.09	8.56	No
Outfall 017 3135-01	10-21-13	10:00	7.19	1912.4	12.51	8.01	0.16	NO
Outfall 018 DRY	10-21-13	10:50	—	—	—	—	—	—
Outfall 019	10-21-13	11:00	7.31	~~13000~~ 13517.7	14.13	4.37	2.16	NO
Gravel Pit	10-21-13	10:40	7.86	976.7	15.62	11.39	0.73	NO
Retention Pond #1	10-21-13	15:05	7.63	16522.5	15.28	8.57	4.22	No
Retention Pond #2_Loc 1	10-21-13	14:40	7.71	13488.0	15.35	9.16	10.74	No
Retention Pond #2_Loc 2	10-21-13	14:20	7.74	[illegible] 13235.0	16.83	9.04	6.83	No
Iron Brook	10-21-13	11:15	7.47	5992.5	13.54	6.48	0.59	FD
Ponded Area N of WB11	10-21-13	1:15	7.67	6932.9	17.38	9.11	2.20	MS/MSD
Interbed Area_Loc 1	10-21-13	12:50	7.41	8336.1	17.17	6.71	1.74	NO
Interbed Area_Loc 2	10-21-13	12:35	7.46	[illegible] 8998.4	15.80	~~2.27~~ 5.31	2.27	NO
Interbed Area_Loc 3	10-21-13	12:30	7.62	8925.5	16.74	6.90	3.19	No
NMC: Ref Reach #2	10/22/13	11:00	8.07	871.8	12.07	12.44	5.44	NO

Wastebeds 9-15 Closure Investigation: Surface Water Investigation Field Sheet

Location	Sample Date	Sample Time	pH	Conductivity mS/cm	Temperature °C	Dissolved Oxygen mg/L	Turbidity NTU	QC sample collected?
NMC: Ref. Reach	3/18/2014	1050	8.28	0.43	0.55	14.11	11.00	
NMC: Reach A	3/18/2014	1410	8.47	0.45	1.97	13.84	8.37	
NMC: Reach B	3/18/2014	1140	8.38	0.44	1.52	13.55	9.55	
NMC: Reach C	3/18/2014	1210	8.31	0.50	1.33	13.96	8.59	
NMC: Reach D	3/18/2014	1345	8.38	0.50	1.78	13.81	7.09	
NMC: Reach E	3/18/2014	1330	8.31	0.69	1.99	13.80	8.52	
NMC: Reach F	3/18/2014	1320	8.32	0.65	1.99	12.13	8.12	
Outfall 011	3/20/2014	1115	7.56	0.48	1.67	10.90	10.02	
Outfall 017	3/19/2014	1400	8.16	2.00	0.01	10.95	1.09	
Outfall 018	Not Sampled, no flowing water							
Outfall 019	3/19/2014	1340	7.83	2.20	1.25	8.87	0.85	
Gravel Pit	3/19/2014	1415	8.18	0.63	3.14	22.70	1.36	
Retention Pond #1	3/19/2014	1020	8.34	10.45	3.87	4.29	1.83	
Retention Pond #2_Loc 1	3/19/2014	1045	7.64	4.98	0.92	6.83	1.93	
Retention Pond #2_Loc 2	3/19/2014	1120	7.27	7.48	3.54	4.17	4.27	
Iron Brook	3/19/2014	1150	7.72	2.36	2.59	6.25	0.61	
Ponded Area N of WB11	3/20/2014	1205	9.31	1.05	0.50	8.51	7.03	
Interbed Area_Loc 1	3/20/2014	1225	8.03	1.53	1.66	5.73	6.43	
Interbed Area_Loc 2	3/20/2014	1140	7.58	1.09	1.02	9.90	3.65	
Interbed Area_Loc 3	3/20/2014	1155	7.69	0.74	0.91	10.32	1.35	
NMC Ref. Reach #2	3/18/2014	1040	7.83	0.44	1.95	12.58	10.03	

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Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, KJK
Date: 4/8/14 - 5/5/14
Weather:

Location	Lab Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°c)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-NMC: Ref. Reach	Routine	SB915-3164-02	5/6/2014	1045	8.03	1.04	12.24	12.87	133.6	4.36	No	
WB915-NMC: Reach A	Routine	SB915-3164-03	5/6/2014	1100	8.12	1.04	12.10	13.29	81.8	4.17	No	
WB915-NMC: Reach B	Routine	SB915-3164-04	5/6/2014	1130	8.18	1.05	12.80	12.14	56.2	3.59	No	
WB915-NMC: Reach C	Routine	SB915-3164-05	5/6/2014	1245	8.10	1.15	15.01	12.92	47.6	5.30	No	
WB915-NMC: Reach D	Routine	SB915-3164-06, 07	5/6/2014	1310	8.17	1.18	13.98	11.96	45.9	4.00	**FD**	
WB915-NMC: Reach E	Routine	SB915-3164-08	5/6/2014	1330	8.13	2.10	14.20	13.03	43.2	4.81	No	
WB915-NMC: Reach F	Routine	SB915-3164-09	5/6/2014	1345	8.13	1.82	14.06	12.58	42.9	4.80	No	
WB915-Outfall 011	Routine	SB915-3162-09	5/5/2014	1320	8.35	1.12	14.92	12.98	32.3	2.66	No	
WB915-Outfall 017	Routine	SB915-3163-02	5/5/2014	1440	8.17	4.35	15.48	8.92	45.9	0.31	No	
WB915-Outfall 018	Routine	SB915-3152-01	4/8/2014	935	8.17	0.231	9.2	13.00	-	63.90	No	
WB915-Outfall 019	Routine	SB915-3162-07	5/5/2014	1115	7.62	6.09	12.28	7.42	26.2	1.83	No	
WB915-Gravel Pit	Routine	SB915-3162-08	5/5/2014	1130	8.40	1.37	14.59	13.89	35.6	0.86	No	
WB915-Retention Pond #1	Routine	SB915-3162-01	5/5/2014	1005	8.65	9.57	11.45	6.11	29.6	1.17	No	
WB915-Retention Pond #2_Loc 1	Routine	SB915-3162-02	5/5/2014	1015	8.03	9.58	12.22	7.94	39.6	0.79	No	
WB915-Retention Pond #2_Loc 2	Routine	SB915-3162-03	5/5/2014	1030	7.98	9.58	11.92	8.54	34.3	0.80	No	
WB915-Iron Brook	Routine	SB915-3162-04/05/06	5/5/2014	1100	7.67	5.79	11.99	5.20	37.3	0.17	**MS/MSD**	
WB915-Ponded Area N of WB11	Routine	SB915-3163-01	5/5/2014	1405	8.69	3.37	17.66	8.99	26.3	1.08	No	
WB915-Interbed Area_Loc 1	Routine	SB915-3162-12	5/5/2014	1355	8.16	7.11	16.45	8.97	57.4	1.58	No	
WB915-Interbed Area_Loc 2	Routine	SB915-3162-11	5/5/2014	1345	8.44	7.57	16.57	8.90	39.7	1.55	No	
WB915-Interbed Area_Loc 3	Routine	SB915-3162-10	5/5/2014	1335	8.90	7.78	14.92	8.54	30.9	1.66	No	
WB915-NMC Ref. Reach #2	Routine	SB915-3164-01	5/6/2014	1030	7.99	1.01	12.19	10.08	123.9	3.49	No	

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Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, KJK, CAH
Date: 7/16/14 - 7/18/14
Weather: ~80°F

Location	Lab Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	Routine	SB915-3171-01	7/16/2014	915	7.86	1.41	22.94	8.98	63.8	1.71	No	
WB915-INTERBED 1	Routine	SB915-3171-10	7/16/2014	1215	7.18	11.43	25.62	5.3	25.6	6.7	No	
WB915-INTERBED 2	Routine	SB915-3171-07/08/09	7/16/2014	1200	7.75	11.6	25.49	4.75	59.4	7.57	MS/MSD	
WB915-INTERBED 3	Routine	SB915-3171-06	7/16/2014	1120	7.27	11.76	26.21	5.0	55.0	7.8	No	
WB915-IRON BROOK	Routine	SB915-3171-05	7/16/2014	1045	7.34	8.21	20.46	4.62	78.6	0.36	No	
WB915-OUT-011	Routine	SB915-3175-01	41864.0	1035.0	7.6	32.2	19.4	1.3	-90.0	--	No	
WB915-OUT-017	Baseline	SB915-3173-01	7/18/2014	1025	7.28	4.10	19.00	7.30	108.1	1.06	No	
WB915-OUT-018	Baseline	--	--	--	--	--	--	--	--	--	--	DRY-NO FLOW
WB915-OUT-019	Baseline	SB915-3173-08	7/18/2014	1150	8.32	22.85	26.71	9.7	10.6	15.8	No	
WB915-POND AREA N OF WB11	Routine	SB915-3171-11	7/16/2014	1230	8.74	15.02	24.37	2.7	-12.6	2.8	No	
WB915-REACH A	Routine	SB915-3172-03	7/17/2014	1105	8.03	1.21	18.37	10.36	64.9	5.75	No	
WB915-REACH B	Routine	SB915-3172-05	7/17/2014	1135	8.08	1.18	20.33	10.72	64.6	7.06	No	
WB915-REACH C	Routine	SB915-3172-04	7/17/2014	1220	8.15	1.39	19.43	10.57	59.1	4.76	No	
WB915-REACH D	Routine	SB915-3172-06, 07	7/17/2014	1240	8.78	1.56	18.85	12.42	60.6	4.65	FD	
WB915-REACH E	Routine	SB915-3172-08	7/17/2014	1250	8.04	2.43	21.13	10.72	70.3	5.97	No	
WB915-REACH F	Routine	SB915-3127-09	7/17/2014	1305	8.07	2.35	20.13	10.8	67.2	4.83	No	
WB915-REF REACH	Routine	SB915-3172-02	7/17/2014	1050	7.78	1.21	18.01	11.51	80.8	7.24	No	
WB915-REF REACH 2	Routine	SB915-3172-01	7/17/2014	1040	7.03	1.22	19.66	9.26	189	10.07	No	
WB915-RET POND1	Routine	SB915-3171-02	7/16/2014	945	7.46	14.87	24.22	7.88	97.2	4.40	No	
WB915-RET POND2-1	Routine	SB915-3171-03	7/16/2014	1000	7.49	10.84	24.67	7.66	82.7	2.74	No	
WB915-RET POND2-2	Routine	SB915-3171-04	7/16/2014	1020	7.48	10.73	24.92	8.02	74.8	2.36	No	

O'BRIEN & GERE

Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, AKK
Date: 10/14/14 - 10/16/14
Weather:

Location	Lab Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-NMC Ref. Reach #2	Expanded	SB915-3182-04	10/16/2014	1035	7.71	0.94	17.28	9.54	76.7	35.6	No	Bottles submerged to fill
WB915-NMC: Ref. Reach	Expanded	SB915-3182-05, 06	10/16/2014	1050	7.73	0.91	16.64	9.41	82.8	35.1	FD	Bottles submerged to fill
WB915-NMC: Reach A	Expanded	SB915-3182-07	10/16/2014	1135	7.81	0.89	16.61	9.46	71.4	34.5	No	Bottles submerged to fill
WB915-NMC: Reach B	Expanded	SB915-3182-08	10/16/2014	1210	7.78	0.85	18.10	9.44	84.1	34.7	No	Bottles submerged to fill
WB915-NMC: Reach C	Expanded	SB915-3182-09	10/16/2014	1305	7.74	0.93	18.06	8.94	83.3	32.6	No	Bottles submerged to fill
WB915-NMC: Reach D	Expanded	SB915-3182-10	10/16/2014	1330	7.75	0.92	17.55	8.93	77.8	33.3	No	Bottles submerged to fill
WB915-NMC: Reach E	Expanded	SB915-3182-11	10/16/2014	1355	7.72	1.12	17.76	8.90	84.4	37.4	No	Bottles submerged to fill
WB915-NMC: Reach F	Expanded	SB915-3182-12, SB915-3183-01, 02	10/16/2014	1440	7.73	1.07	18.12	9.0	71.2	33.5	MS/MSD	Bottles submerged to fill
WB915-Outfall 011	Expanded	SB915-3181-05	10/15/2014	1300	7.15	21.15	18.30	7.54	63.0	1.39	No	Bottles filled from flow over weir
WB915-Outfall 017	Expanded	SB915-3182-03	10/16/2014	945	7.47	7.73	16.55	7.31	54.0	4.87	No	Bottles filled from flow over weir
WB915-Outfall 018	Expanded	SB915-3182-01	10/16/2014	900	7.56	0.32	16.9	7.7	127.7	26.2	No	Bottles filled from flow over weir
WB915-Outfall 019	Expanded	SB915-3182-02	10/16/2014	930	7.12	5.68	17.72	6.4	4.5	11.5	No	Bottles filled from flow over weir
WB915-Gravel Pit	Expanded	SB915-3180-01	10/14/2014	1130	9.49	0.92	21.97	12.6	59.7	3.0	No	Bottles submerged to fill
WB915-Retention Pond #1	Expanded	SB915-3180-04	10/14/2014	1340	7.65	16.8	25.05	9.8	76.1	4.0	No	Peristaltic pump used
WB915-Retention Pond #2_Loc 1	Expanded	SB916-3180-05	10/14/2014	1420	7.78	12.91	24.19	9.7	76.4	7.4	No	Peristaltic pump used
WB915-Retention Pond #2_Loc 2	Expanded	SB915-3180-03	10/14/2014	1235	7.78	12.95	21.46	9,85	41.6	8.0	No	Peristaltic pump used
WB915-Iron Brook	Expanded	SB915-3180-02	10/14/2014	1210	7.96	7.92	19.28	11.0	-48.6	2.6	No	Bottles submerged to fill
WB915-Ponded Area N of WB11	Expanded	SB915-3181-01	10/15/2014	1135	7.75	30.6	19.68	8.1	91.2	2.3	No	Bottles submerged to fill
WB915-Interbed Area_Loc 1	Expanded	SB915-3181-02	10/15/2014	1205	7.80	11.81	18.62	9.49	68.7	3.0	No	Bottles submerged to fill
WB915-Interbed Area_Loc 2	Expanded	SB915-3181-03	10/15/2014	1215	7.37	11.64	19.24	7.09	65.8	2.99	No	Bottles submerged to fill
WB915-Interbed Area_Loc 3	Expanded	SB915-3181-04	10/15/2014	1235	7.36	11.93	19.64	6.98	59.1	3.06	No	Peristaltic pump used

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Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, TBP, AJF
Date: 3rd Qtr 2015
Weather:

Location	Lab Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°c)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	Modified ***Routine***	SB915-3192-05	3/20/2015	12:00	7.93	0.57	1.98	11.3	67.8	7.96	-	
WB915-INTERBED 1	Modified ***Routine***	SB915-3192-07	3/20/2015	14:10	7.45	2.04	2.29	6.8	73.8	2.17	-	
WB915-INTERBED 2	Modified ***Routine***	SB915-3192-08	3/20/2015	14:20	7.34	3.2	2.03	9.58	68.6	11.60	-	
WB915-INTERBED 3	Modified ***Routine***	SB915-3192-09	3/20/2015	14:30	7.25	4.21	1.62	5.8	64.5	5.86	-	
WB915-IRON BROOK	Modified ***Routine***	SB915-3192-04	3/20/2015	11:30	7.49	3.15	2.08	10.3	71.9	0.25	-	
WB915-OUT-011	Modified ***Routine***	SB915-3191-06	3/17/2015	10:10	6.72	0.6	5.78	10.20	65.1	16.20	-	
WB915-OUT-017	Modified ***Baseline***	SB915-3191-04, 05	3/17/2015	10:40	7.78	1.41	2.63	11.87	91.3	0.75	FD (05)	
WB915-OUT-018	Modified ***Baseline***	No Flow, not sampled										
WB915-OUT-019	Modified ***Baseline***	SB915-3191-01, 02, 03	3/17/2015	10:15	7.45	1.53	4.92	10.66	109.6	1.48	MS / MSD	
WB915-POND AREA N OF WB11	Modified ***Routine***	SB915-3192-06	3/20/2015	13:45	7.33	1.74	3.14	7.5	91.7	7.86		
WB915-REACH A	Modified ***Routine***	SB915-3193-03, 04	3/23/2015	11:30	7.86	1.25	0.68	14.9	76.1	3.52	FD (04)	
WB915-REACH B	Modified ***Routine***	SB915-3193-05, 06, 07	3/23/2015	12:00	7.95	1.25	0.77	14.3	73.1	2.76	MS / MSD	
WB915-REACH C	Modified ***Routine***	SB915-3193-08	3/23/2015	12:40	7.83	1.24	1.24	14.3	99.1	3.17		
WB915-REACH D	Modified ***Routine***	SB915-3193-09	3/23/2015	13:05	7.83	1.36	1.88	14.6	105.7	2.85		
WB915-REACH E	Modified ***Routine***	SB915-3193-10	3/23/2015	13:20	7.77	1.95	2.4	14.5	106.8	4.20		
WB915-REACH F	Modified ***Routine***	SB915-3193-11	3/23/2015	13:35	8.91	1.83	3.22	14.3	62.2	3.63		
WB915-REF REACH	Modified ***Routine***	SB915-3193-02	3/23/2015	11:05	7.59	1.24	1.73	13.5	83.7	3.46		
WB915-REF REACH 2	Modified ***Routine***	SB915-3193-01	3/23/2015	10:55	6.86	1.11	4.43	12.57	130.4	3.59		
WB915-RET POND1	Modified ***Routine***	SB915-3192-01	3/20/2015	10:45	6.59	14.49	2.96	8.4	163.6	2.54		
WB915-RET POND2-1	Modified ***Routine***	SB915-3192-02	3/20/2015	11:00	6.92	12.71	2.1	9.2	147.6	5.75		
WB915-RET POND2-2	Modified ***Routine***	SB915-3192-03	3/20/2015	11:15	7.07	11.94	2.12	6.7	60.4	9.01		

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: CAH + TBP

Date(s): 4/3/15, 4/27/15, 4/28/15

Weather:

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3202-07	4/27/2015	12:25	7.99	1.13	11.92	12.9	63.6	0.7	-	Peri
WB915-INTERBED 1	SB915-3202-11	4/27/2015	14:25	7.8	2.86	11.6	10.6	58.7	0.7	-	Grab
WB915-INTERBED 2	SB915-3202-10	4/27/2015	14:05	7.84	3.05	12.09	10.4	61.2	1.2	-	Grab
WB915-INTERBED 3	SB915-3202-09	4/27/2015	13:45	7.79	3.27	12.32	10.6	56.3	0.8	-	Peri
WB915-IRON BROOK	SB915-3202-04	4/27/2015	11:10	7.52	5.1	9.18	7.9	71.4	0.3	-	Peri
WB915-OUT-011	SB915-3202-08	4/27/2015	13:25	7.8	1.71	7.98	11.1	26.9	2.3	-	Grab
WB915-OUT-017	SB915-3202-06	4/27/2015	12:00	7.55	4.35	7.25	8.1	61.7	0.2	-	Grab
WB915-OUT-018	SB915-3194-01	4/3/2015	9:20	6.32	0.23	4.78	11.7	149.4	4.1	-	Grab
WB915-OUT-019	SB915-3202-05	4/27/2015	11:35	7.4	5.66	7.92	10.5	56.4	0.4	-	Grab
WB915-POND AREA N OF WB11	SB915-3202-12	4/27/2015	14:45	11.47	29.52	19.18	0.3	-190.1	3.2	-	Grab
WB915-REACH A	SB915-3203-04	4/28/2015	9:50	7.85	0.97	8.68	11.5	62.4	5.6	-	Grab
WB915-REACH B	SB915-3203-05	4/28/2015	10:25	7.87	0.97	8.93	11.5	56.6	5.7	-	Grab
WB915-REACH C	SB915-3203-06,07,08	4/28/2015	11:20	7.85	1.05	9.45	11.6	59.9	8.0	MS/MSD	Grab
WB915-REACH D	SB915-3203-09	4/28/2015	12:15	7.87	1.06	9.88	11.7	58.3	5.2	-	Grab
WB915-REACH E	SB915-3203-10	4/28/2015	12:35	7.81	1.75	10.6	11.7	40.0	5.7	-	Grab
WB915-REACH F	SB915-3203-11	4/28/2015	13:00	9.01	1.59	10.95	11.6	52.7	9.5	-	Grab
WB915-REF REACH	SB915-3203-23,03	4/28/2015	9:15	7.74	0.96	8.55	11.4	66.6	5.7	FD	Grab
WB915-REF REACH 2	SB915-3203-01	4/28/2015	8:50	8.01	0.96	8.88	10.8	88.8	7.0	-	Grab
WB915-RET POND 1	SB915-3202-01	4/27/2015	9:55	7.16	4.52	11.36	10.35	104.9	0.74	-	Peri
WB915-RET POND 2-1	SB915-3202-02	4/27/2015	10:20	7.13	9.89	10.92	10.1	122.3	2.2	-	Peri
WB915-RET POND 2-2	SB915-3202-03	4/27/2015	10:45	7.35	9.91	10.44	10.05	80.06	1.92	-	Peri

Notes:

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Honeywell SB915
Geddes, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, KJK
Date: 7/20/15, 7/21/15, 8/19/15
Weather:

Location	Lab Analysis	Field Sample ID	Date	Time	pH	Conductivity (mS/cm)	Temperature (°c)	Dissolved (mg/L)	ORP (mV)	Turbidity (NTU)	QC *MS / MSD / FD*	Other Observations
WB915-NMC: Ref. Reach #2	Routine	SB915-3209-01,02,03	7/20/2015	10:45	7.97	1.045	18.66	8.4	164.3	21.30	MS/MSD	
WB915-NMC: Ref. Reach	Routine	SB915-3209-04,05	7/20/2015	10:55	8.05	1.038	18.92	9.02	125.1	8.65	FD	
WB915-NMC: Reach A	Routine	SB915-3209-06	7/20/2015	11:05	8.08	1.041	18.72	9.2	130.0	6.11		
WB915-NMC: Reach B	Routine	SB915-3209-07	7/20/2015	11:35	8.11	1.044	19.41	9.8	147.8	6.36		
WB915-NMC: Reach C	Routine	SB915-3209-08	7/20/2015	11:50	8.11	1.131	19.86	9.8	159.0	5.37		
WB915-NMC: Reach D	Routine	SB915-3209-09	7/20/2015	12:10	8.11	1.193	20.53	10.3	165.4	5.23		
WB915-NMC: Reach E	Routine	SB915-3209-10	7/20/2015	12:20	8.01	1.936	20.84	11.5	150.1	4.15		
WB915-NMC: Reach F	Routine	SB915-3209-11	7/20/2015	12:35	8.05	1.623	21.47	11.7	144.5	4.77		
WB915-Outfall 011	Routine	SB915-3211-04	7/20/2015	14:55	7.13	8.08	24.25	8.63	267.5	8.37		
WB915-Outfall 017	Routine	SB915-3212-01	7/21/2015	9:15	7.5	3.45	19.55	4.8	80.4	3.93		
WB915-Outfall 018	Routine		7/21/2015									
WB915-Outfall 019	Routine	SB915-3212-07	7/21/2015	9:35	6.83	12.41	19.33	3.9	85.6	1.00		
WB915-Gravel Pit	Routine	SB915-3212-02	7/21/2015	9:05	8.31	1.07	26.55	12.8	126.5	2.01		
WB915-Retention Pond #1	Routine	SB915-3212-06	7/21/2015	10:20	7.17	11.77	25.89	7.22	187.8	2.48		
WB915-Retention Pond #2_Loc 1	Routine	SB915-3212-05	7/21/2015	10:10	7.26	11.29	25.51	6.64	181.3	1.60		
WB915-Retention Pond #2_Loc 2	Routine	SB915-3212-04	7/21/2015	10:00	7.29	11.31	24.94	6.84	169.4	1.60		
WB915-Iron Brook	Routine	SB915-3212-03	7/21/2015	9:50	7.16	8.26	19.44	10.89	129.4	1.56		
WB915-Ponded Area N of WB11	Routine	SB915-3209-12	7/20/2015	14:10	11.23	31.62	33.19	1.3	-118.5	7.89		
WB915-Interbed Area_Loc 1	Routine	SB915-3211-01	7/20/2015	14:20	7.83	10.7	30.14	5.1	256.4	4.72		
WB915-Interbed Area_Loc 2	Routine	SB915-3211-02	7/20/2015	14:30	7.64	11.03	30.38	6.28	287.5	3.39		
WB915-Interbed Area_Loc 3	Routine	SB915-3211-03	7/20/2015	14:40	7.89	11.57	30.38	5.59	277.7	6.82		
SB915-SW-12	Other	SB915-3213-01	8/19/2015	12:45	7.97	2.36	23.18	9.2	65	5.36		
SB915-SW-CL01	Other	SB915-3213-02	8/19/2015	12:40	8.01	2.38	23.18	9.7	65	5.36		

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Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: CAH, JWB, TBP
Date(s): 10/9, 10/15, 10/16/15
Weather: Sun, clouds, rain, 40-60s

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3218-03	10/16/2015	10:10	8.39	0.76	12.96	10.8	44.3	0.9		peri
WB915-INTERBED 1	SB915-3218-10	10/16/2015	13:30	9.21	10.31	15.24	5.6	48.9	1.9		grab
WB915-INTERBED 2	SB915-3218-11	10/16/2015	13:40	8.58	10.46	15.09	6.1	63.1	1.8		grab
WB915-INTERBED 3	SB915-3218-12	10/16/2015	13:50	8.13	10.33	15	8.1	69.1	2.0		grab
WB915-IRON BROOK	SB915-3218-07	10/16/2015	11:10	7.57	6.33	11.54	7.2	-17.4	0.7		peri
WB915-OUT-011	SB915-3219-01	10/16/2015	14:00	8.06	1.32	12.13	9.9	24.7	2.1		grab
WB915-OUT-017	SB915-3218-01,02	10/16/2015	10:00	8.29	2.28	11.68	6.6	77.7	1.6	FD	grab
WB915-OUT-018	SB915-3216-01	10/9/2015	14:15	7.4	0.29	15.94	8.2	71.7	10.4		grab
WB915-OUT-019	SB915-3218-08	10/16/2015	11:35	7.23	16.2	11.54	5.1	-4.5	6.3		peri
WB915-POND AREA N OF WB11	SB915-3218-09	10/16/2015	13:20	10.57	29.95	18.68	1.6	-57.6	1.2		peri
WB915-REACH A	Sb915-3217-03	10/15/2015	11:15	7.93	1.19	12.18	10.7	119.9	4.3		grab
WB915-REACH B	SB915-3217-04	10/15/2015	11:30	7.97	1.19	12.68	11.1	98.9	3.7		grab
WB915-REACH C	SB915-3217-05	10/15/2015	12:00	7.95	1.36	12.64	10.1	95.8	3.3		grab
WB915-REACH D	SB915-3217-06,07,08	10/15/2015	12:15	7.95	1.42	13.64	11.3	74.7	3.5	MS / MSD	grab
WB915-REACH E	SB915-3217-09	10/15/2015	12:40	7.89	2.19	13.69	11.1	82.0	4.8		grab
WB915-REACH F	SB915-3217-10	10/15/2015	12:50	7.93	2.12	14.28	11.7	80.5	3.5		grab
SB915-SW-CL01	SB915-3217-11	10/15/2015	13:00	7.98	2.27	15.05	11.7	127.9	4.3		grab
SB915-SW-12	SB915-3217-12	10/15/2015	13:15	8.13	2.17	16.21	11.2	104.7	4.4		peri
WB915-REF REACH	SB915-3217-02	10/16/2015	11:00	7.91	1.2	13.01	10.7	95.5	5.0		grab
WB915-REF REACH 2	SB915-3217-01	10/15/2015	10:45	8.02	1.17	14.55	9.3	151.0	5.0		grab
WB915-RET POND 1	SB915-3218-04	10/16/2015	10:30	7.65	17.89	15.05	9.07	53.2	2.26		peri
WB915-RET POND 2-1	SB915-3218-05	10/16/2015	10:45	7.74	12.63	13.76	10.4	59.9	6.2		peri
WB915-RET POND 2-2	SB915-3218-06	10/16/2015	11:00	7.59	12.64	13.46	8.76	59	7.38		peri

Notes: Locations added during 3rd Qtr 2015 sampling event (TDS, Chloride, Sodium).

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, TBP
Date(s): 2/3/16, 2/8/16, 2/9/16
Weather:

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3224-03	2/8/2016	9:25	7.93	0.69	2.91	12.92	116.5	2.78		
WB915-INTERBED 1	SB915-3225-02	2/8/2016	1230	7.78	1.34	3.32	11.20	55.5	5.92	6.0	
WB915-INTERBED 2	SB915-3225-01	2/8/2016	1220	7.80	1.50	3.53	13.11	45.9	3.74		
WB915-INTERBED 3	SB915-3224-12	2/8/2016	1210	7.60	3.17	5.14	13.41	37.0	4.23		
WB915-IRON BROOK	SB915-3224-07	2/8/2015	1055	7.55	4.18	4.94	9.50	63.0	1.35		
WB915-OUT-011	SB915-3224-11	2/8/2016	1200	7.53	1.88	4.54	13.75	16.6	4.39		
WB915-OUT-017	SB915-3224-01,02	2/8/2016	9:05	7.70	3.77	5.26	11.4	182.6	1.39	FD	
WB915-OUT-018	SB915-3220-01	2/3/2016	10:15	7.97	0.21	0.75	12.6	162.4	24.0		
WB915-OUT-019	SB915-3224-08,09,10	2/8/2016	1130	7.57	4.55	4.49	11.96	64.5	1.43	MS/MSD	
WB915-POND AREA N OF WB11	SB915-3225-03	2/8/2016	1240	12.14	35.09	4.69	2.97	-79.8	1.87		
WB915-REACH A	SB915-3226-03	2/9/2016	1050	8.13	0.99	4.06	15.07	161.0	3.42		
WB915-REACH B	SB915-3226-04	2/9/2016	1130	7.97	1.02	3.92	13.09	121.3	3.20		
WB915-REACH C	SB915-3226-05	2/9/2016	1150	8.08	1.10	3.43	13.30	76.7	3.54		
WB915-REACH D	SB915-3226-06	2/9/2016	1215	8.10	1.12	4.95	13.87	70.5	3.41		
WB915-REACH E	SB915-3226-07	2/9/2016	1225	7.99	1.67	4.90	14.35	36.3	4.35		
WB915-REACH F	SB915-3226-08	2/9/2016	1240	8.04	1.54	5.14	14.25	43.5	4.24		
SB915-SW-CL01	SB915-3227-01	2/9/2016	1250	8.04	0.75	6.17	12.78	59.3	3.62		
SB915-SW-12	SB915-3227-02	2/9/2016	1300	8.04	1.59	5.14	13.46	49.9	3.94		
WB915-REF REACH	SB915-3226-02	2/9/2016	1025	8.09	0.98	4.27	14.8	187.6	6.59		
WB915-REF REACH 2	SB915-3226-01	2/9/2016	1015	8.02	0.94	6.76	12.2	138.7	4.39		
WB915-RET POND 1	SB915-3224-04	2/8/2016	10:20	7.31	8.75	4.70	10.59	112.5	2.26		
WB915-RET POND 2-1	SB915-3224-05	2/8/2016	1035	7.21	12.34	4.74	13.20	87.9	5.76		
WB915-RET POND 2-2	SB915-3224-06	2/8/2016	1045	7.22	12.37	5.34	11.76	82.7	5.24		

Notes: Locations added during 3rd Qtr 2015 sampling event (Chloride, Sodium, TDS).

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, CAH, TBP
Date(s): 5/2/2016, 5/3/2016
Weather:

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3234-06	5/2/2016	11:15	7.58	1.77	12.51	11.36	115.50	1.82	-	Collected via Peristaltic
WB915-INTERBED 1	SB915-3235-03	5/2/2016	14:10	7.94	8.91	13.19	10.62	113.20	2.66	-	Collected via Peristaltic
WB915-INTERBED 2	SB915-3235-02	5/2/2016	14:00	8.09	8.98	13.67	10.19	92.70	2.65	-	Collected via Peristaltic
WB915-INTERBED 3	SB915-3235-01	5/2/2016	13:50	8.07	9.14	13.22	9.80	103.90	4.08	-	Collected via Peristaltic
WB915-IRON BROOK	SB915-3234-08	5/2/2016	11:50	7.17	6.73	10.88	6.28	94.50	1.60	-	Collected via Peristaltic
WB915-OUT-011	SB815-3234-12	5/2/2016	13:40	9.17	0.64	11.51	10.47	78.40	41.00	-	Collected via grab
WB915-OUT-017	SB915-3234-04,05	5/2/2016	11:00	7.07	3.17	11.38	7.99	17.14	6.15	FD	Collected via Peristaltic
WB915-OUT-018	SB915-3234-01,02,03	5/2/2016	10:45	7.70	0.27	12.46	10.24	141.10	95.90	MS/MSD	Turbid, reddish brown
WB915-OUT-019	SB915-3234-07	5/2/2016	11:40	7.28	5.43	10.89	8.31	108.60	21.20	-	Collected via Peristaltic
WB915-POND AREA N OF WB11	SB915-3235-04	5/2/2016	14:20	9.94	29.21	15.84	6.92	-119.60	2.51	-	Collected via Peristaltic
WB915-REACH A	SB915-3236-03	5/3/2016	9:45	7.64	0.91	9.84	11.23	72.40	15.10		collected via grab
WB915-REACH B	SB915-3236-04	5/3/2016	10:05	7.66	0.92	9.89	11.17	72.50	14.30		collected via grab
WB915-REACH C	SB915-3236-05	5/3/2016	11:05	7.65	1.05	10.17	10.98	71.40	13.30		collected via grab
WB915-REACH D	SB915-3236-06	5/3/2016	11:30	7.72	1	10.99	11.06	63.60	11.80		collected via grab
WB915-REACH E	SB915-3236-07	5/3/2016	11:40	7.6	1.44	11.61	11.09	72.20	12.70		collected via grab
WB915-REACH F	SB915-3236-08	5/3/2016	12:05	7.75	1.42	14.72	10.68	74.60	13.60		peri
SB915-SW-CL01	SB915-3237-01	5/3/2016	13:20	7.71	1.47	11.74	12.14	75.40	13.70		collected via grab
SB915-SW-12	SB915-3237-02	5/3/2016	13:30	7.73	1.43	13.67	11.37	69.90	11.00		Collected via Peristaltic
WB915-REF REACH	SB915-3236-02	5/3/2016	9:25	7.6	0.89	9.79	11.06	81.00	15.40		collected via Grab
WB915-REF REACH 2	SB915-3236-01	5/3/2016	9:10	7.74	0.83	10.31	10.37	117.50	15.40	-	collected via Grab
WB915-RET POND 1	SB915-3234-11	5/2/2016	12:20	8.1	16.48	12.03	6.53	76.30	2.34	-	Collected via Peristaltic
WB915-RET POND 2-1	SB915-3234-10	5/2/2016	12:10	7.28	11.92	12.52	9.12	90.90	3.71	-	Collected via Peristaltic
WB915-RET POND 2-2	SB915-3234-09	5/2/2016	12:00	7.22	11.94	12.71	10.46	93.80	4.21	-	Collected via Peristaltic

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, TBP
Date(s): 7/28, 7/29/16
Weather:

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3244-05,06,0	7/28/2016	13:50	8.86	1.48	31.37	10.70	-13.9	5.30	MS/MSD	
WB915-INTERBED 1	SB915-3245-12	7/29/2016	14:15	7.14	14.67	29.27	5.12	135.3	6.74	-	
WB915-INTERBED 2	SB915-3245-11	7/29/2016	14:00	7.27	14.82	30.71	5.40	120.5	5.76	-	
WB915-INTERBED 3	SB915-3245-10	7/29/2016	13:45	7.45	15.16	31.24	6.44	97.7	5.60	-	
WB915-IRON BROOK	SB915-3244-04	7/28/2016	12:10	7.44	7.36	25.9	5.33	67.3	2.38	-	
WB915-OUT-011	SB915-3248-02	8/10/2016	9:30	7.1	12.18	19.86	5.12	137.0	4.69	-	
WB915-OUT-017											
WB915-OUT-018											
WB915-OUT-019	SB915-3248-01	8/10/2016	8:45	7.09	23.41	20.43	3.95	129.6	4.03	-	
WB915-POND AREA N OF WB11	SB915-3246-01	7/29/2016	14:30	8.21	34.07	31.24	4.51	73.5	3.83	-	
WB915-REACH A	SB915-3245-03	7/29/2016	10:00	8.14	1.26	20.51	9.38	99.8	7.76	-	
WB915-REACH B	SB915-3245-04	7/29/2016	10:30	8.14	1.26	20.6	9.64	98.4	7.65	-	
WB915-REACH C	SB915-3245-05	7/29/2016	11:00	8.05	1.47	21.48	8.38	112.5	5.04	-	
WB915-REACH D	SB915-3245-06,07	7/29/2016	11:30	8.03	1.48	22.43	8.86	90.4	7.08	FD	
WB915-REACH E	SB915-3245-08	7/29/2016	11:45	7.94	2.69	24.36	10.20	89.7	8.16	-	
WB915-REACH F	SB915-3245-09	7/29/2016	12:10	8	2.68	24.83	11.46	89.0	9.45	-	
SB915-SW-CL01	SB915-3247-01	7/29/2016	12:15	8.01	2.76	25.76	12.35	97.6	7.59	-	
SB915-SW-12	SB915-3247-02	7/29/2016	12:30	7.98	2.88	26.95	8.17	94.9	8.30	-	
WB915-REF REACH	SB915-3245-02	7/29/2016	9:40	8.09	1.25	20.55	9.34	131.2	7.58	-	
WB915-REF REACH 2	SB915-3245-01	7/29/2016	9:20	7.79	1.23	22.2	9.17	162.9	6.48	-	
WB915-RET POND 1	SB915-3244-01	7/28/2016	11:00	7.04	18.45	27.69	6.81	190.3	4.58	-	
WB915-RET POND 2-1	SB915-3244-02	7/28/2016	11:20	7.06	23.19	29.71	4.81	-47.8	11.30	-	
WB915-RET POND 2-2	SB915-3244-03	7/28/2016	11:40	7.36	15.23	33.11	6.75	15.5	4.16	-	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY

SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: CAH, MRM, DMR; JWB, TBF
Date(s): 10/6/16, 10/7/16, 10/20/16
Weather: Sun, 75. Heavy rain, 55.

Location	Field Sample ID	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3252-12	10/6/2016	14:55	8.16	1.01	21.78	11.63	13.8	2.59	-	
WB915-INTERBED 1	SB915-3252-04,05	10/6/2016	13:20	8.13	13.16	21.39	7.25	87.8	3.64	FD	
WB915-INTERBED 2	SB915-3252-06	10/6/2016	13:35	7.96	13.46	20.97	6.56	88.8	3.11	-	
WB915-INTERBED 3	SB915-3252-07	10/6/2016	13:40	7.89	13.41	21.55	8.11	86.3	2.30	-	
WB915-IRON BROOK	SB915-3252-11	10/6/2016	14:40	7.72	6.77	17.39	5.75	-60.3	12.00	-	
WB915-OUT-011	SB915-3253-08	10/7/2016	12:20	7.55	9.59	20.26	8.03	256.6	11.70	-	
WB915-OUT-017	SB915-3256-04,05	10/20/2016	14:25	7.84	0.82	13.75	7.6	56.9	12.43	FD	Peri
WB915-OUT-018	SB915-3256-01,02,0	10/20/2016	13:15	8.03	0.36	13.02	7.2	30.6	18.30	MS/MSD	Peri
WB915-OUT-019	SB915-3256-06	10/20/2016	14:55	7.38	2.98	13.71	8.01	32.8	16.60	-	Peri
WB915-POND AREA N OF WB11	SB915-3252-01,02,0	10/6/2016	13:00	8.37	18.23	20.7	8.21	74.1	2.15	MS/MSD	
WB915-REACH A	SB915-3253-03	10/7/2016	10:45	7.81	1.17	13.81	10.48	236.6	3.47	-	
WB915-REACH B	SB915-3253-04	10/7/2016	11:00	7.77	1.19	14.35	4.85	278.5	2.25	-	
WB915-REACH C	SB915-3253-05	10/7/2016	11:25	7.72	1.47	16.29	10.21	269.5	3.38	-	
WB915-REACH D	SB915-3253-06	10/7/2016	12:00	7.83	1.49	16.38	10.06	239.8	5.21	-	
WB915-REACH E	SB915-3253-07	10/7/2016	12:10	7.7	2.71	15.04	10.78	219.0	6.03	-	
WB915-REACH F	SB915-3253-09	10/7/2016	12:30	7.84	2.76	18.54	12.02	222.7	5.89	-	
SB915-SW-CL01	SB915-3254-01	10/7/2016	12:45	7.86	2.7	18.2	15.43	202.6	3.94	-	
SB915-SW-12	SB915-3254-02	10/7/2016	13:00	7.9	2.57	18.92	12.76	231.0	6.03	-	
WB915-REF REACH	SB915-3253-02	10/7/2016	10:30	7.74	1.3	14.69	9.82	246.1	7.69	-	
WB915-REF REACH 2	SB915-3253-01	10/7/2016	10:15	7.54	1.27	15.71	9.30	282.1	5.76	-	
WB915-RET POND 1	SB915-3252-08	10/6/2016	14:00	7.83	15.19	21.74	8.38	99	1.82	-	
WB915-RET POND 2-1	SB915-3252-09	10/6/2016	14:20	7.8	14.65	21.82	8.95	99.5	2.77	-	
WB915-RET POND 2-2	SB915-3252-10	10/6/2016	14:30	7.75	14.58	22.4	8.68	99.4	2.58	-	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: _____

Date(s): _____

Weather: _____

Location	Field Sample ID	Lab Analysis	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3260-06	Mod Routine	2/8/2017	14:15	7.74	0.78	2.93	9.3	103.1	0.74		
WB915-INTERBED 1	SB915-3261-09	Mod Routine	2/9/2017	11:30	7.46	4.9	3.61	7.4	23.7	5.26		
WB915-INTERBED 2	SB915-3261-10	Mod Routine	2/9/2017	11:45	7.67	7.36	2.79	8.3	6.1	1.80		
WB915-INTERBED 3	SB915-3261-11	Mod Routine	2/9/2017	11:55	7.37	4.87	4.97	7.3	26.0	1.59		
WB915-IRON BROOK	SB915-3260-07	Mod Routine	2/8/2017	14:30	7.5	3.25	3.54	8.4	96.0	1.23		
WB915-OUT-011	SB915-3261-12	Mod Routine	2/9/2017	12:10	7.66	1.44	2.58	12.4	-9.8	4.75		
WB915-OUT-017	SB915-3260-04,05	Mod Routine	2/8/2017	13:45	8.02	2.82	4.11	11.5	111.3	111.30	FD	
WB915-OUT-018	SB915-3259-01,02,03	Mod Routine	1/3/2017	16:30	7.51	0.142	0.7				MS/MSD	Collected during rain event before the start of the normal 1st Qtr Sampling event, did not have SmarTROLL
WB915-OUT-019	SB915-3260-01,02,03	Mod Routine	2/8/2017	13:00	7.68	2.63	7.41	11.1	127.4	2.21	MS/MSD	
WB915-POND AREA N OF WB11	SB915-3261-08	Mod Routine	2/9/2017	11:10	12.19	27.58	0.39	9.5	-97.8	6.46		
WB915-REACH A	SB915-3261-03	Mod Routine	2/9/2017	9:20	8.11	0.8	1.96	13.7	81.2	6..16		
WB915-REACH B	SB915-3261-04	Mod Routine	2/9/2017	9:45	8.1	0.92	1.72	14.0	74.1	5.89		
WB915-REACH C	SB915-3261-05	Mod Routine	2/9/2017	10:05	8.15	0.96	0.2	15.0	81.2	6.25		
WB915-REACH D	SB915-3261-06	Mod Routine	2/9/2017	10:35	8.08	1	0	14.1	59.9	7.81		
WB915-REACH E	SB915-3261-07	Mod Routine	2/9/2017	10:45	8.02	1.43	1.58	14.0	34.6	8.32		
WB915-REACH F	SB915-3262-01	Mod Routine	2/9/2017	12:25	7.98	1.33	2.51	13.7	9.2	8.56		
SB915-SW-CL01	SB915-3263-01	Other	2/9/2017	12:40	8.09	1.35	2.42	13.9	-18.0	7.78		
SB915-SW-12	SB915-3263-02	Other	2/9/2017	12:50	8.17	1.4	0	15.5	13.4	47.00		
WB915-REF REACH	SB915-3261-02	Mod Routine	2/9/2017	9:00	8.02	0.91	0.81	13.7	102.7	7.65		
WB915-REF REACH 2	SB915-3261-01	Mod Routine	2/9/2017	8:50	7.22	0.88	4.21	11.9	153.0	7.12		
WB915-RET POND 1	SB915-3260-09	Mod Routine	2/8/2017	14:55	8.03	6.29	2.73	10.7	29.6	1.07		
WB915-RET POND 2-1	SB915-3260-10	Mod Routine	2/8/2017	15:15	8.33	12.05	2.1	8.9	2.9	4.33		DO was 89.4 (CAH 4/24/17)
WB915-RET POND 2-2	SB915-3260-08	Mod Routine	2/8/2017	14:40	8	11.75	3.29	11.15	22	4.09		

Notes: _____

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: JWB, TBP,
Date(s): 4/7/17, 4/20/17
Weather: 50's cloudy slight drizzle

Location	Field Sample ID	Lab Analysis	Date	Time	pH (S.U.)	Specific Conductivity (mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3270-01,02,03	Mod Expanded	4/20/2017	9:30	7.57	1.10	12.7	11.4	85.0	1.93	MS/MSD	
WB915-INTERBED 1	SB915-3270-12	Mod Expanded	4/20/2017	13:45	10.04	7.84	15.1	9.00	-0.4	2.63	-	
WB915-INTERBED 2	SB915-3271-01	Mod Expanded	4/20/2017	14:00	9.68	8.05	16.21	5.55	11.4	1.98	-	17 bottles
WB915-INTERBED 3	SB915-3271-02	Mod Expanded	4/20/2017	14:15	9.89	8.20	16.45	5.53	6.7		-	
WB915-IRON BROOK	SB915-3270-07,08	Mod Expanded	4/20/2017	11:10	8.20	5.93	11.95	5.55	50.9	1.40	FD	
WB915-OUT-011	SB915-3271-03	Mod Expanded	4/20/2017	14:30	9.02	2.15	15.62	9.66	48.4	3.00	-	
WB915-OUT-017	SB915-3270-10	Mod Expanded	4/20/2017	12:00	7.91	3.72	12.67	7.37	63.8	1.10	-	
WB915-OUT-018	SB915-3269-01,02	Mod Expanded	4/7/2017	8:24	7.97	139.00	6.39	9.86	83.8	15.80	FD	
WB915-OUT-019	SB915-3270-09	Mod Expanded	4/20/2017	11:50	7.7	5.22	12.07	7.69	80.8	1.61	-	
WB915-POND AREA N OF WB11	SB915-3270-11	Mod Expanded	4/20/2017	13:30	11.91	8.48	14.75	7.29	-80.7	5.22	-	17 bottles
WB915-REACH A	SB915-3272-03	Mod Expanded	4/21/2017	9:45	7.83	0.63	11.64	10.21	111.8	62.50	-	
WB915-REACH B	SB915-3272-04	Mod Expanded	4/21/2017	10:50	7.90	0.65	11.65	11.38	118.7	57.50	-	
WB915-REACH C	SB915-3272-05	Mod Expanded	4/21/2017	11:30	7.87	0.67	12.13	10.41	122.0	58.80	-	
WB915-REACH D	SB915-3272-06	Mod Expanded	4/21/2017	11:55	7.82	0.67	13.07	9.81	121.6	55.90	-	
WB915-REACH E	SB915-3272-07	Mod Expanded	4/21/2017	12:15	7.80	0.80	13.16	9.88	109.0	52.30	-	
WB915-REACH F	SB915-3272-08	Mod Expanded	4/21/2017	12:30	7.88	0.83	14.67	9.68	116.8	50.30	-	
SB915-SW-CL01	SB915-3273-01	Other	4/21/2017	12:45	7.8	0.87	13.48	9.49	113.5	44.00	-	
SB915-SW-12	SB915-3273-02	Other	4/21/2017	13:00	7.79	0.85	13.66	10.70	118.8	50.40	-	
WB915-REF REACH	SB915-3272-02	Mod Expanded	4/21/2017	9:15	7.76	0.65	12.02	10.14	129.1	66.00	-	
WB915-REF REACH 2	SB915-3272-01	Mod Expanded	4/21/17	9:00	7.31	0.65	13.33	11.19	154.1	60.20	-	
WB915-RET POND 1	SB915-3270-04	Mod Expanded	4/20/2017	10:15	10.11	9.74	12.66	5.77	-33	1.79	-	
WB915-RET POND 2-1	SB915-3270-05	Mod Expanded	4/20/2017	10:30	9.01	10.13	12.49	7.86	35.3	2.15	-	
WB915-RET POND 2-2	SB915-3270-06	Mod Expanded	4/20/2017	10:50	8.6	10.14	12.84	8.33	50.2	2.14	-	
WB915-POND AREA W OF WB14_1	SB915-0398-01	Mod Expanded	5/30/2017	10:30	7.02	1.67	19.20	1.9	97.5	2.53	-	
WB915-POND AREA W OF WB14_2	SB915-0398-02	Mod Expanded	5/30/2017	10:45	7.12	1.66	19.22	2.18	78.1	2.24	-	

Notes:

O'BRIEN & GERE

Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: CAH, AKK; TBP, MDM; TBP, AKK; TBP
Date(s): 7/21; 7/24; 7/25; 8/22/17
Weather: sun, 80s; rain, 70s; cloudy, 60s; rain

Location	Field Sample ID	Lab Analysis	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3284-12	Mod Routine	7/24/2017	13:39	7.93	1.36	22.43	9.66	97.20	0.82		
WB915-INTERBED 1	SB915-3284-02	Mod Routine	7/24/2017	8:46	8.30	9.87	23.24	9.90	93.20	3.88		
WB915-INTERBED 2	SB915-3284-03	Mod Routine	7/24/2017	9:02	7.90	10.72	23.44	3.41	87.70	3.18		
WB915-INTERBED 3	SB915-3284-04	Mod Routine	7/24/2017	9:28	9.25	11.54	22.55	9.27	40.10	4.47		
WB915-IRON BROOK	SB915-3284-08	Mod Routine	7/24/2017	12:25	7.37	6.64	18.72	4.58	137.70	0.98		
WB915-OUT-011	SB915-3286-01,02	Mod Routine	8/22/2017	16:45	NA	NA	NA	NA	NA	NA	FD	Field parameters not saved
WB915-OUT-017	SB915-3285-01,02	Mod Baseline	7/24/2017	14:04	7.52	3.54	21.98	5.87	110.20	1.03	FD	
WB915-OUT-018	SB915-3286-03,04,05	Mod Baseline	8/22/2017	18:00	NA	NA	NA	NA	NA	NA	MS,MSD	Field parameters not saved
WB915-OUT-019	SB915-3284-09,10,11	Mod Baseline	7/24/2017	12:51	7.01	9.50	20.84	5.01	65.30	1.03	MS,MSD	
WB915-POND AREA N OF WB11	SB915-3284-01	Mod Routine	7/24/2017	8:24	11.20	26.77	23.77	2.78	-86.60	1.81		
WB915-REACH A	SB915-3282-03	Mod Routine	7/21/2017	11:05	7.94	0.69	23.45	8.71	209.40	8.81		
WB915-REACH B	SB915-3282-04,05,06	Mod Routine	7/21/2017	11:40	7.95	0.70	24.59	8.83	183.80	7.58	MS,MSD	
WB915-REACH C	SB915-3282-07,08	Mod Routine	7/21/2017	12:15	7.91	0.83	26.78	8.36	171.20	9.68	FD	
WB915-REACH D	SB915-3282-09	Mod Routine	7/21/2017	13:05	7.93	0.77	29.37	8.78	156.10	10.79		
WB915-REACH E	SB915-3282-10	Mod Routine	7/21/2017	13:20	7.90	1.19	30.17	8.96	154.60	12.50		
WB915-REACH F	SB915-3282-11	Mod Routine	7/21/2017	13:35	7.92	1.09	29.42	8.83	146.70	16.20		
SB915-SW-CL01	SB915-3283-02	Other	7/21/2017	14:00	7.95	1.16	27.22	9.21	137.90	9.27		
SB915-SW-12	SB915-3283-01	Other	7/21/2017	13:50	7.94	1.17	24.69	10.02	116.40	7.75		
WB915-REF REACH	SB915-3282-02	Mod Routine	7/21/2017	10:35	7.90	0.69	22.30	8.85	252.80	8.56		
WB915-REF REACH 2	SB915-3282-01	Mod Routine	7/21/2017	10:15	7.72	0.69	22.25	8.25	357.80	8.26		
WB915-RET POND 1	SB915-3284-05	Mod Routine	7/24/2017	11:18	8.31	13.38	21.85	6.25	111.10	2.19		
WB915-RET POND 2-1	SB915-3284-06	Mod Routine	7/24/2017	11:31	7.86	11.55	21.98	7.27	153.20	2.44		
WB915-RET POND 2-2	SB915-3284-07	Mod Routine	7/24/2017	11:50	7.67	11.81	22.58	8.36	139.40	2.80		
WB915-POND AREA W OF WB-14-2	SB915-0399-01	Mod Routine	7/25/2017	9:20	6.96	1.71	18.98	2.90	-37.70	4.00	Na	
WB915-POND AREA W OF WB-14-1	SB915-0399-02	Mod Routine	7/25/2017	9:30	6.90	1.69	18.38	3.19	-58.10	11.70		

Notes:

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Honeywell SB915
Camillus, NY
SB915 Closure Investigation: Surface Water Field Sample Sheet

Investigators: CAH,AKK,TBP; TBP,CAH; TBP
Date(s): 10/9, 10/10, 10/11; 10/29/17
Weather: Sun, 70s; heavy rain, 40s

Location	Field Sample ID	Lab Analysis	Date	Time	pH (S.U.)	Specific Conductivity (µS/cm mS/cm)	Temp. (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turb (NTU)	QC *MS | MSD | FD*	Other Observations
WB915-GRAVEL PIT	SB915-3290-06	Mod Routine	10/9/2017	9:45	8.05	0.88	19.14	7.71	-85.50	1.37		
WB915-INTERBED 1	SB915-3293-03	Mod Routine	10/10/2017	8:50	7.01	11.18	19.85	6.16	154.50	3.07		
WB915-INTERBED 2	SB915-3293-02	Mod Routine	10/10/2017	8:35	6.94	11.48	19.58	5.77	185.20	2.35		
WB915-INTERBED 3	SB915-3293-01	Mod Routine	10/10/2017	8:20	6.66	11.69	19.17	7.37	255.50	2.63		
WB915-IRON BROOK	SB915-3291-06	Mod Routine	10/9/2017	14:45	7.48	6.39	18.36	4.93	-13.60	1.57		
WB915-OUT-011	SB915-3294-03,04,05	Mod Routine	10/29/2017	10:40	6.80	7.83	14.22	8.80	180.50	41.90	MS,MSD	
WB915-OUT-017	SB915-3290-04,05	Mod Baseline	10/9/2017	9:20	7.61	2.54	17.98	6.02	53.10	4.37	FD	
WB915-OUT-018	SB915-3294-01,02	Mod Baseline	10/29/2017	9:55	7.63	0.35	11.16	9.05	203.30	12.90	FD	
WB915-OUT-019	SB915-3290-01,02,03	Mod Baseline	10/9/2017	8:30	6.76	14.05	17.93	10.61	-21.00	6.42	MS,MSD	
WB915-POND AREA N OF WB11	SB915-3293-04	Mod Routine	10/10/2017	9:00	8.63	20.17	19.18	3.79	55.30	1.84		
WB915-REACH A	SB915-3290-09	Mod Routine	10/9/2017	11:05	8.04	1.00	18.46	8.30	78.80	8.78		
WB915-REACH B	SB915-3290-10	Mod Routine	10/9/2017	11:35	8.07	1.02	19.71	8.47	74.70	6.68		
WB915-REACH C	SB915-3290-11	Mod Routine	10/9/2017	12:00	8.11	1.04	19.72	8.50	66.90	6.26		
WB915-REACH D	SB915-3290-12	Mod Routine	10/9/2017	12:50	8.04	1.12	22.97	8.28	61.80	4.81		
WB915-REACH E	SB915-3291-01	Mod Routine	10/9/2017	13:00	8.01	1.61	20.79	8.67	56.30	6.01		
WB915-REACH F	SB915-3291-02	Mod Routine	10/9/2017	13:15	8.04	1.60	21.41	8.31	67.00	11.40		
SB915-SW-CL01	SB915-3292-01	Other	10/9/2017	13:30	8.01	1.57	19.49	8.55	4.60	6.21		
SB915-SW-12	SB915-3292-02	Other	10/9/2017	13:40	8.00	1.53	19.61	8.78	22.40	8.82		
WB915-REF REACH	SB915-3290-08	Mod Routine	10/9/2017	10:45	8.00	1.03	17.36	8.33	59.20	6.39		
WB915-REF REACH 2	SB915-3290-07	Mod Routine	10/9/2017	10:35	7.87	1.02	17.55	9.57	61.80	6.43		
WB915-RET POND 1	SB915-3291-03	Mod Routine	10/9/2017	14:00	7.61	14.65	20.65	11.43	37.80	2.31		
WB915-RET POND 2-1	SB915-3291-04	Mod Routine	10/9/2017	14:15	7.66	11.91	21.21	8.27	47.50	4.01		
WB915-RET POND 2-2	SB915-3291-05	Mod Routine	10/9/2017	14:30	7.65	11.84	21.65	8.32	50.00	4.08		
WB915-POND AREA W OF WB-14-2	SB915-0409-02	Mod Routine	10/11/2017	9:15	7.01	1.83	16.12	2.10	-146.40	1.94		
WB915-POND AREA W OF WB-14-1	SB915-0409-01	Mod Routine	10/11/2017	8:30	6.92	1.99	15.97	1.21	-196.50	11.37		

Notes:

APPENDIX E
ANALYSIS SCREENING STEPS

Appendix E

Appendix E-1 Screening Steps Applied to the Overall Data Set

Step	Sample size
Overall data set	365,419
Remove data for methods eliminated from monitoring program in January 2015	280,876
Remove lines of data with an "R" validation qualifier	278,319
Remove duplicate records	276,831
Join standards information	276,831

Appendix E-2 Screening Steps Applied to the Groundwater, Surface Water, Subsurface Leachate Data and Ninemile Creek.

Screening Step	Groundwater	Surface Water	Subsurface Leachate	Notes
Initial data set size	194,822	42,665	39,334	The groundwater, surface water, and subsurface leachate data sets were used to perform time trend tests.
Total starting number of parameters	262	258	256	
Total starting number of sample locations	100	21	20	
Remove parameters that do not have a detect anywhere in the groundwater dataset				Removes parameters that were sampled but not detected
Data set size after detect screen	147,456	26,208	26,146	
Number of parameters remaining after detect screen	178	123	133	
Remove parameters that have a standard but do not have a standard exceedance in any of the sample locations				The groundwater and subsurface leachate standard was the NYS GA. The surface water data were compared to Class C standards. Surface water samples in the Gravel Pit were also compared to the NYS GA because the gravel pit Outfall 017 is classified as a groundwater discharge. Standard exceedances must be "detects" to be retained.
Data set size after exceedance screen	112,798	20,317	19,190	
Number of parameters remaining after exceedance screen	113	96	79	
At a given sample location, remove parameters with a sample size less than 3				A minimum of three samples was used to run statistical trend tests

Screening Step	Groundwater	Surface Water	Subsurface Leachate	Notes
Data set size after sample size screen	111,730	20,275	19,152	
Number of parameters remaining after sample size screen	104	82	76	
Number of unique parameter x sample location combinations at beginning of GW dataset	23,069	5,151	4,888	Prior to the screening steps, there were this many parameter x sample location combinations
Number of unique parameter x sample location combinations prior to statistical test (i.e., number of tests run)	9,163	1,722	1,505	After the screening steps, there were this many parameter x sample location combinations
Number of significant tests at $p<0.01$	763	31	157	
Number of significant trends after removing those with a detection rate less than 25%	514	28	41	This filter aims to eliminate false positives due to varying detection limits over time. That is, if a given parameter x sample location data set has more than 75% non-detects, the corresponding statistical test was not used because varying detection limits over time could drive significant results.

APPENDIX F
GROUNDWATER SIGNIFICANT TRENDS

Appendix F
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Groundwater Significant Trends

Location ID	Unit	Dissolved Oxygen	Turbidity	Aluminum	Arsenic	Barium	Boron	Calcium	Chromium	Cobalt	Copper	Cyanide	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Sodium	1,1-Dichloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene
SB915-MW-105BR	BR																								
SB915-MW-107BR	BR									-0.4 NoStd			-0.6 *												
SB915-MW-108BR	BR																								
SB915-MW-111BR	BR										0.4 *								0.6 *						
SB915-MW-115BR	BR						0.5 *												0.6 *						
SB915-MW-118BR	BR												-0.5 *							-0.5 *					
SB915-MW-87BR	BR						0.5 *						0.5 *												
SB915-MW-88BR	BR																								
SB915-MW-89BR	BR									0.5 NoStd															
SB915-MW-90BR	BR																								
SB915-MW-91BR	BR	-0.9 NoStd					0.5 *						0.5 *	0.5 *											
SB915-MW-92BR	BR						0.4 *												0.5 *	0.4 *					
SB915-MW-93BR	BR	-0.9 NoStd														-0.7 NotExc									
SB915-WB-05R	BR																								
SB915-WB-07R	BR																								
SB915-MW-107D	D												0.6 *					-0.4 NoStd	0.5 *						
SB915-MW-108D	D												0.6 *		-0.7 NotExc										
SB915-MW-111D	D					-0.8 *													0.5 *						
SB915-MW-36D	D							0.5 NoStd												0.5 *					
SB915-MW-42D	D					-0.9 *													0.6 *						
SB915-MW-53D	D																			-0.6 *					
SB915-MW-70D	D										0.5 *								0.6 *						
SB915-MW-85D	D					-0.5 *													0.5 *						
SB915-MW-88D	D				0.7 *	-0.5 *		-0.5 NoStd							-0.5 *			-0.4 NoStd				-0.7 *			-0.4 *
SB915-MW-89D	D					0.6 *					0.6 NotExc			0.6 *			0.5 NotExc					-0.5 *			-0.7 *
SB915-MW-91D	D									0.6 NoStd			0.6 *	0.6 *				-0.5 NoStd					-0.4 *		-0.4 NotExc
SB915-MW-91I	D							-0.4 NoStd					-0.4 *				0.6 NotExc	-0.7 NoStd				-0.4 *			-0.5 *
SB915-WB-01L	D																								
SB915-WB-02L	D							-0.4 NoStd			0.4 *	0.4 NotExc				-0.5 NotExc									
SB915-WB-03L	D																		0.5 *						
SB915-WB-04L	D			0.6 NoStd		0.5 *				0.4 NoStd	0.4 NotExc			-0.4 *					0.7 *		-0.6 *		-0.6 *		
SB915-WB-05L	D																		0.5 *						
SB915-WB-06	D					-0.9 *					0.5 *				0.4 *				0.7 *						
SB915-WB-07L	D																		0.5 *						
SB915-WB-09L	D																		0.8 *						
SB915-WB-10L	D																	-0.4 NoStd	0.7 *						
SB915-MW-104I	I														-0.7 NotExc										
SB915-MW-106I	I					0.5 *		0.5 NoStd					0.5 *		0.6 *			0.4 NoStd		0.5 *					
SB915-MW-107I	I																								
SB915-MW-109I	I					-0.5 *		-0.4 NoStd										-0.5 NoStd		-0.4 *					
SB915-MW-111I	I					-0.6 NotExc																			
SB915-MW-112I	I					-0.6 *					0.5 *			0.8 *					0.5 *						
SB915-MW-87I	I			0.5 NoStd				-0.5 NoStd			0.6 NotExc							-0.4 NoStd		-0.6 *					
SB915-MW-88I	I			0.5 NoStd		-0.6 *			0.5 *		0.6 NotExc				-0.5 *		0.5 NotExc							-0.5 NotExc	
SB915-MW-89I	I			0.5 NoStd		-0.5 NotExc		-0.7 NoStd		0.6 NoStd				-0.5 *	-0.7 *			-0.4 NoStd		-0.6 *					
SB915-MW-90I	I		1 *							0.6 NoStd			0.7 *		0.5 *							-0.8 *		-0.6 *	-0.7 *
SB915-MW-92D	I																								
SB915-MW-92I	I												0.5 *		-0.6 NotExc		0.6 *					-0.5 *			-0.5 *
SB915-WB-05M	I																								
SB915-IMW-01S	S																	-0.5 NoStd							
SB915-IMW-02S	S							-0.6 NoStd							-0.4 *			-0.5 NoStd	0.7 *	-0.5 *					
SB915-IMW-03S	S							-0.5 NoStd										-0.7 NoStd	0.5 *	-0.5 *					
SB915-IMW-04S	S				0.5 *																				
SB915-IMW-05S	S							-0.5 NoStd										-0.4 NoStd		-0.6 *					
SB915-IMW-06S	S																								
SB915-MW-01	S																			0.7 *					
SB915-MW-03	S		0.9 *					-0.5 NoStd												-0.5 *					

Appendix F
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Groundwater Significant Trends

Location ID	Unit	Dissolved Oxygen	Turbidity	Aluminum	Arsenic	Barium	Boron	Calcium	Chromium	Cobalt	Copper	Cyanide	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Sodium	1,1-Dichloroethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene
SB915-MW-04	S																								
SB915-MW-104S	S																		0.6 *						
SB915-MW-106S	S																								
SB915-MW-107S	S					0.6 *		0.5 NoStd							0.5 *		0.5 NotExc		0.5 *	0.6 *					
SB915-MW-109S	S																								
SB915-MW-111S	S							-0.4 NoStd																	
SB915-MW-113S	S							-0.5 NoStd										-0.5 NoStd							
SB915-MW-116S	S							-0.5 NoStd						-0.5 *	-0.6 *					-0.6 *					
SB915-MW-117S	S							-0.5 NoStd																	
SB915-MW-118S	S																		0.5 *						
SB915-MW-59S	S																								
SB915-MW-60S	S							-0.4 NoStd												-0.5 *					
SB915-MW-70S	S																								
SB915-MW-87S	S								0.5 NotExc						0.5 NotExc										
SB915-MW-88S	S																0.6 NotExc								
SB915-MW-89S	S																								
SB915-MW-90S	S																							-0.5 NotExc	
SB915-WB-05U	S																								
SB915-WB-07U	S							-0.6 NoStd					-0.4 *	-0.4 *	-0.5 *					-0.6 *					
SB915-WB-09U	S							-0.6 NoStd										-0.6 NoStd		-0.6 *					
SB915-WB-10U	S												-0.4 *	-0.5 *	-0.5 *										
SB915-MW-36I	SOLW																								
SB915-MW-42I	SOLW										0.5 *						0.5 *		0.7 *						
SB915-MW-42S	SOLW																								
SB915-MW-53I	SOLW										0.5 *						0.5 *		0.6 *						
SB915-MW-91S	SOLW					-0.4 *												-0.5 NoStd							
SB915-MW-92S	SOLW							-0.4 NoStd										-0.5 NoStd		-0.4 *		-0.7 *			-0.7 *
SB915-PZ-07D	SOLW										0.4 *								0.6 *						
SB915-PZ-07I	SOLW							-0.4 NoStd										-0.6 NoStd		-0.4 *					
SB915-PZ-07S	SOLW																								
SB915-WB-15B/15S	SOLW																-0.8 NotExc								

Legend	
	Decreasing Trend
	Increasing Trend
*	Exceeded Class C Standards
NoStd	No Applicable Class C Standard
NotExc	Did Not Exceed Class C Standard
Br	Bedrock
D	Deep
I	Intermediate
S	Shallow Native
SOLW	Solvay Waste

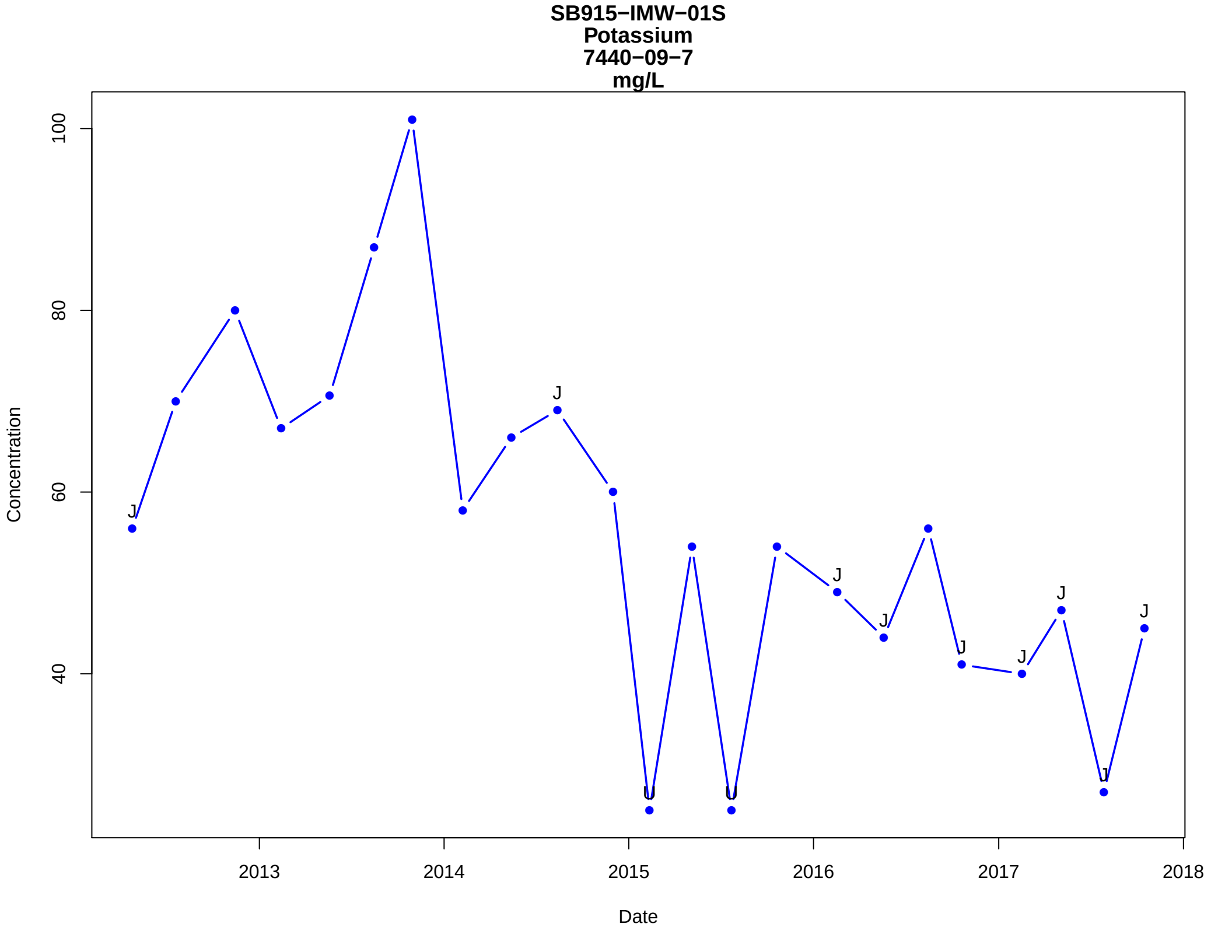
Appendix F
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Groundwater Significant Trends

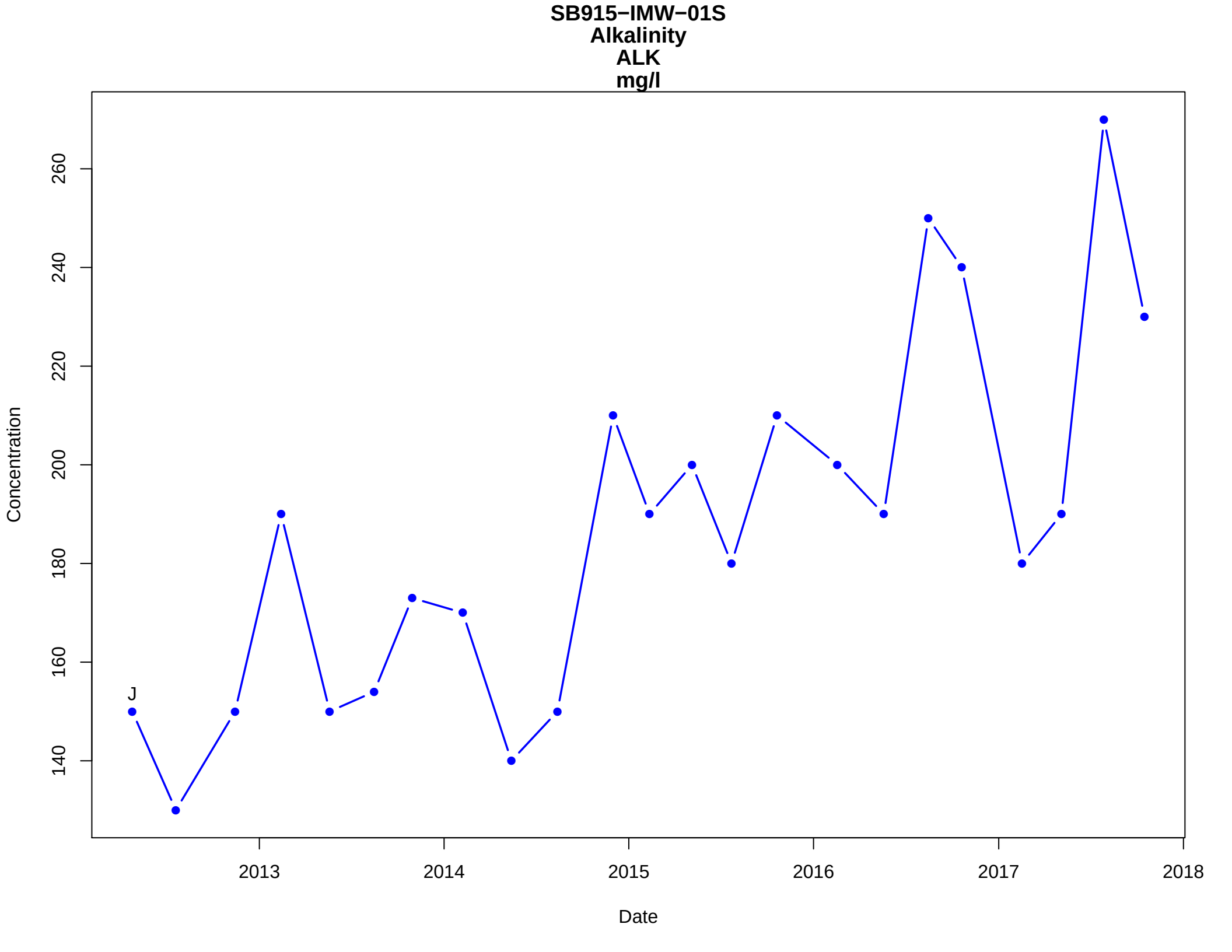
Location ID	Unit	Acetone	Benzene	Chlorobenzene	Phenolics, Total Recoverable	Toluene	Xylene (total)	Alkalinity	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Ammonia	Bromide	Chemical Oxygen Demand	Chloride	HARDNESS (AS CACO3)	Nitrogen, Kjeldahl	Phenolics, Total Recoverable	Solids, Total Dissolved	Sulfate	TOTAL CARBON
SB915-MW-105BR	BR															-0.4 NoStd				-0.4 NoStd
SB915-MW-107BR	BR							0.7 NoStd	0.7 NoStd				-0.5 NoStd			-0.5 NoStd				
SB915-MW-108BR	BR							0.6 NoStd	0.6 NoStd			-0.4 *				-0.4 NoStd				
SB915-MW-111BR	BR												-0.5 NoStd						0.5 *	
SB915-MW-115BR	BR							0.5 NoStd	0.5 NoStd				-0.5 NoStd							
SB915-MW-118BR	BR		-1 *					0.6 NoStd	0.6 NoStd					-0.7 *	-0.6 NoStd				0.4 *	
SB915-MW-87BR	BR							0.6 NoStd	0.6 NoStd				-0.6 NoStd				-0.6 *			
SB915-MW-88BR	BR							0.5 NoStd	0.6 NoStd				-0.6 NoStd		0.5 NoStd					
SB915-MW-89BR	BR												-0.5 NoStd							
SB915-MW-90BR	BR							0.5 NoStd	0.5 NoStd				-0.6 NoStd		0.5 NoStd					
SB915-MW-91BR	BR							0.4 NoStd	0.4 NoStd				-0.5 NoStd							-0.6 NoStd
SB915-MW-92BR	BR												-0.7 NoStd		0.4 NoStd					
SB915-MW-93BR	BR												-0.6 NoStd	-0.5 *						
SB915-WB-05R	BR															-0.6 NoStd				
SB915-WB-07R	BR							0.5 NoStd	0.5 NoStd				-0.5 NoStd			-0.6 NoStd				
SB915-MW-107D	D												-0.6 NoStd							
SB915-MW-108D	D							0.7 NoStd	0.7 NoStd					-0.8 NotExc						
SB915-MW-111D	D												-0.5 NoStd						0.6 *	-0.7 NoStd
SB915-MW-36D	D							0.7 NoStd	0.7 NoStd						0.6 NoStd			0.6 *		
SB915-MW-42D	D	-1 *			-0.6 *								-0.7 NoStd						0.5 *	-0.7 NoStd
SB915-MW-53D	D							0.7 NoStd	0.7 NoStd		-0.5 NotExc			-0.5 *						
SB915-MW-70D	D												-0.6 NoStd						0.4 *	-0.6 NoStd
SB915-MW-85D	D												-0.5 NoStd							-0.6 NoStd
SB915-MW-88D	D		-0.5 *	0.6 *							-0.6 *		-0.6 NoStd	-0.6 *	-0.5 NoStd	-0.7 NoStd				-0.7 NoStd
SB915-MW-89D	D			-0.4 *				0.6 NoStd	0.7 NoStd					-0.5 *						-0.6 NoStd
SB915-MW-91D	D		-0.7 NotExc					0.8 NoStd	0.8 NoStd					-0.5 *	-0.5 NoStd					
SB915-MW-91I	D			-0.4 *				0.8 NoStd	0.7 NoStd					-0.4 *	-0.5 NoStd				-0.5 NotExc	
SB915-WB-01L	D							0.6 NoStd	0.6 NoStd											
SB915-WB-02L	D								0.4 NoStd				-0.5 NoStd	-0.4 *			-0.5 *		-0.4 *	
SB915-WB-03L	D												-0.6 NoStd							
SB915-WB-04L	D																			
SB915-WB-05L	D							0.5 NoStd	0.5 NoStd											-0.7 NoStd
SB915-WB-06	D												-0.5 NoStd							-0.4 NoStd
SB915-WB-07L	D																		0.5 *	
SB915-WB-09L	D												-0.6 NoStd							
SB915-WB-10L	D												-0.6 NoStd							
SB915-MW-104I	I							0.5 NoStd	0.5 NoStd											
SB915-MW-106I	I										0.6 *			0.4 *	0.4 NoStd			0.4 *		
SB915-MW-107I	I							0.4 NoStd	0.4 NoStd					-0.5 *						
SB915-MW-109I	I							0.6 NoStd	0.6 NoStd				-0.6 NoStd		-0.4 NoStd	-0.6 NoStd	-0.5 *			-0.7 NoStd
SB915-MW-111I	I												-0.5 NoStd		-0.6 NoStd				0.7 *	-0.6 NoStd
SB915-MW-112I	I												-0.7 NoStd						0.7 *	-0.7 NoStd
SB915-MW-87I	I							0.4 NoStd	0.4 NoStd					-0.8 *	-0.7 NoStd			-0.6 *		
SB915-MW-88I	I		-0.5 *	-0.5 *	-0.5 *			0.6 NoStd	0.6 NoStd		-0.6 *					-0.6 NoStd				-0.6 NoStd
SB915-MW-89I	I				-0.5 *			0.6 NoStd	0.6 NoStd			-0.4 *		-0.8 *	-0.8 NoStd			-0.7 *	0.5 NotExc	
SB915-MW-90I	I		-0.8 *	-0.8 *				0.7 NoStd	0.7 NoStd											-0.5 NoStd
SB915-MW-92D	I							0.6 NoStd	0.6 NoStd											
SB915-MW-92I	I	-0.4 NotExc	-0.6 *	-0.5 *		-0.4 NotExc		0.5 NoStd	0.6 NoStd											-0.6 NoStd
SB915-WB-05M	I										-0.4 *					-0.5 NoStd			0.5 NotExc	
SB915-IMW-01S	S							0.6 NoStd	0.6 NoStd				-0.5 NoStd							-0.5 NoStd
SB915-IMW-02S	S							0.7 NoStd	0.7 NoStd				-0.5 NoStd	-0.6 *	-0.6 NoStd					-0.6 NoStd
SB915-IMW-03S	S												-0.5 NoStd	-0.5 *	-0.5 NoStd					-0.7 NoStd
SB915-IMW-04S	S										-0.4 *					-0.5 NoStd				-0.6 NoStd
SB915-IMW-05S	S												-0.4 NoStd	-0.5 *	-0.4 NoStd	-0.5 NoStd				-0.5 NoStd
SB915-IMW-06S	S														-0.4 NoStd					
SB915-MW-01	S							0.6 NoStd	0.7 NoStd					0.7 *				0.6 *		
SB915-MW-03	S							0.5 NoStd	0.5 NoStd						-0.5 NoStd					-0.5 NoStd

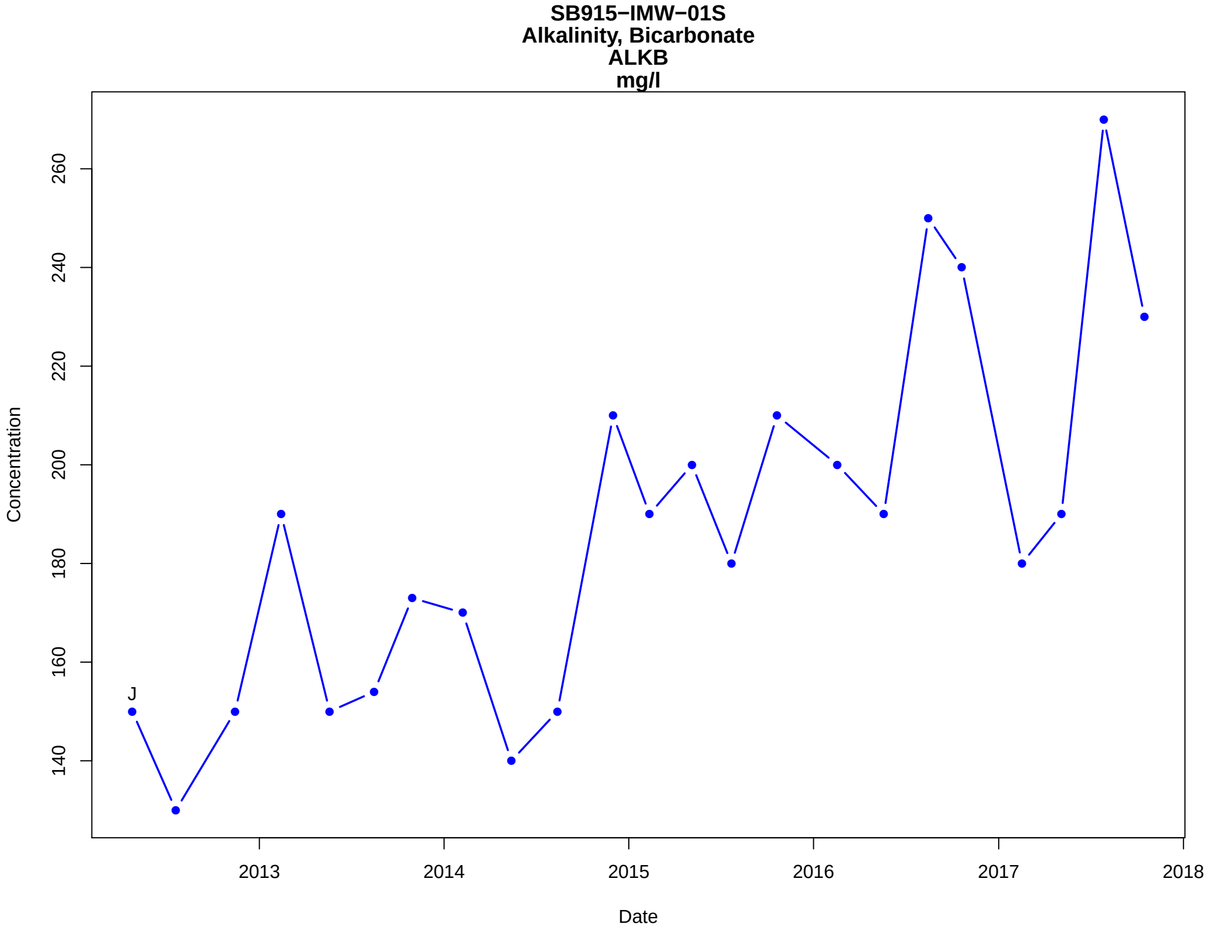
Appendix F
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Groundwater Significant Trends

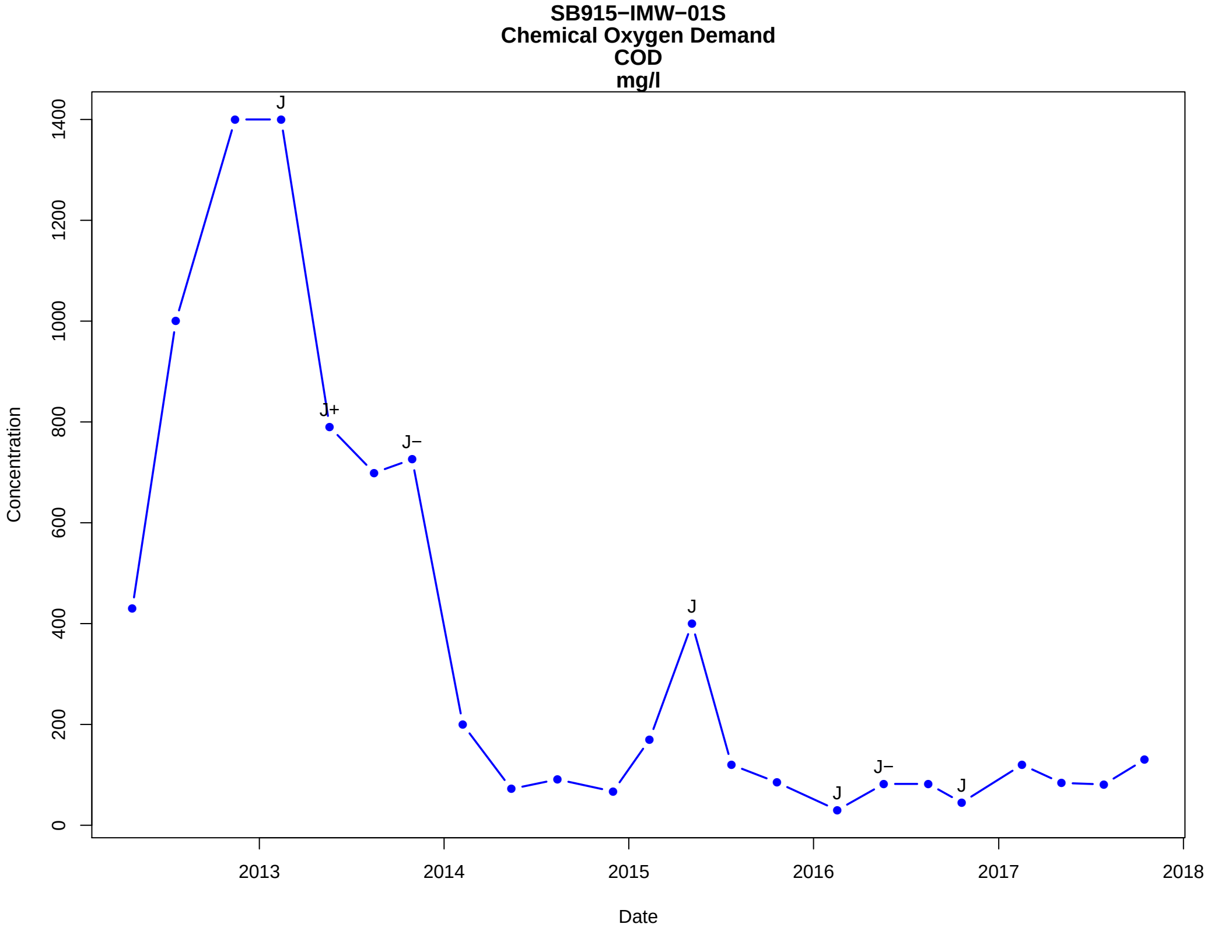
Location ID	Unit	Acetone	Benzene	Chlorobenzene	Phenolics, Total Recoverable	Toluene	Xylene (total)	Alkalinity	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Ammonia	Bromide	Chemical Oxygen Demand	Chloride	HARDNESS (AS CACO3)	Nitrogen, Kjeldahl	Phenolics, Total Recoverable	Solids, Total Dissolved	Sulfate	TOTAL CARBON
SB915-MW-04	S												-0.6 NoStd							-0.4 NoStd
SB915-MW-104S	S												-0.5 NoStd						0.4 *	-0.6 NoStd
SB915-MW-106S	S							0.6 NoStd	0.6 NoStd											
SB915-MW-107S	S							0.6 NoStd	0.6 NoStd						0.4 NoStd					
SB915-MW-109S	S							0.5 NoStd					-0.4 NoStd							-0.4 NoStd
SB915-MW-111S	S												-0.5 NoStd			-0.5 NoStd				-0.7 NoStd
SB915-MW-113S	S														-0.5 NoStd	-0.4 NoStd			0.6 *	-0.5 NoStd
SB915-MW-116S	S													-0.6 *	-0.5 NoStd			-0.5 *	-0.5 NotExc	
SB915-MW-117S	S							0.5 NoStd	0.5 NoStd			0.4 *			-0.4 NoStd			-0.5 *		
SB915-MW-118S	S																			-0.4 NoStd
SB915-MW-59S	S							0.4 NoStd	0.4 NoStd				-0.5 NoStd							
SB915-MW-60S	S							0.6 NoStd	0.6 NoStd					-0.4 *	-0.5 NoStd					-0.5 NoStd
SB915-MW-70S	S												-0.4 NoStd							-0.7 NoStd
SB915-MW-87S	S							0.5 NoStd	0.5 NoStd											
SB915-MW-88S	S			-0.4 NotExc				0.5 NoStd	0.5 NoStd		-0.6 *	-0.5 *				-0.6 NoStd				-0.5 NoStd
SB915-MW-89S	S							0.6 NoStd	0.6 NoStd		-0.5 NotExc	-0.7 NotExc		-0.4 *				-0.5 *		
SB915-MW-90S	S							0.6 NoStd	0.6 NoStd											
SB915-WB-05U	S												-0.7 NoStd							
SB915-WB-07U	S							0.8 NoStd	0.8 NoStd				-0.6 NoStd	-0.7 *	-0.8 NoStd			-0.6 *		
SB915-WB-09U	S											-0.6 *	-0.6 NoStd	-0.6 *	-0.6 NoStd			-0.6 *	0.6 NotExc	
SB915-WB-10U	S									0.5 NoStd			-0.5 NoStd							
SB915-MW-36I	SOLW									0.4 NoStd										-0.5 NoStd
SB915-MW-42I	SOLW							0.7 NoStd		0.4 NoStd			-0.5 NoStd							
SB915-MW-42S	SOLW																			-1 NoStd
SB915-MW-53I	SOLW							0.7 NoStd					-0.5 NoStd		-0.5 NoStd		-0.4 *			-0.8 NoStd
SB915-MW-91S	SOLW												-0.5 NoStd	-0.7 *	-0.6 NoStd					-0.6 NoStd
SB915-MW-92S	SOLW			-0.6 *			-0.5 *	0.5 NoStd			-0.7 *		-0.6 NoStd	-0.7 *	-0.6 NoStd			-0.4 *		-0.8 NoStd
SB915-PZ-07D	SOLW							0.5 NoStd		0.5 NoStd									0.4 NotExc	-0.7 NoStd
SB915-PZ-07I	SOLW							0.7 NoStd					-0.5 NoStd	-0.4 *	-0.4 NoStd					-0.7 NoStd
SB915-PZ-07S	SOLW													-0.6 *	-0.5 NoStd					
SB915-WB-15B/15S	SOLW										-0.8 *									-0.8 NoStd

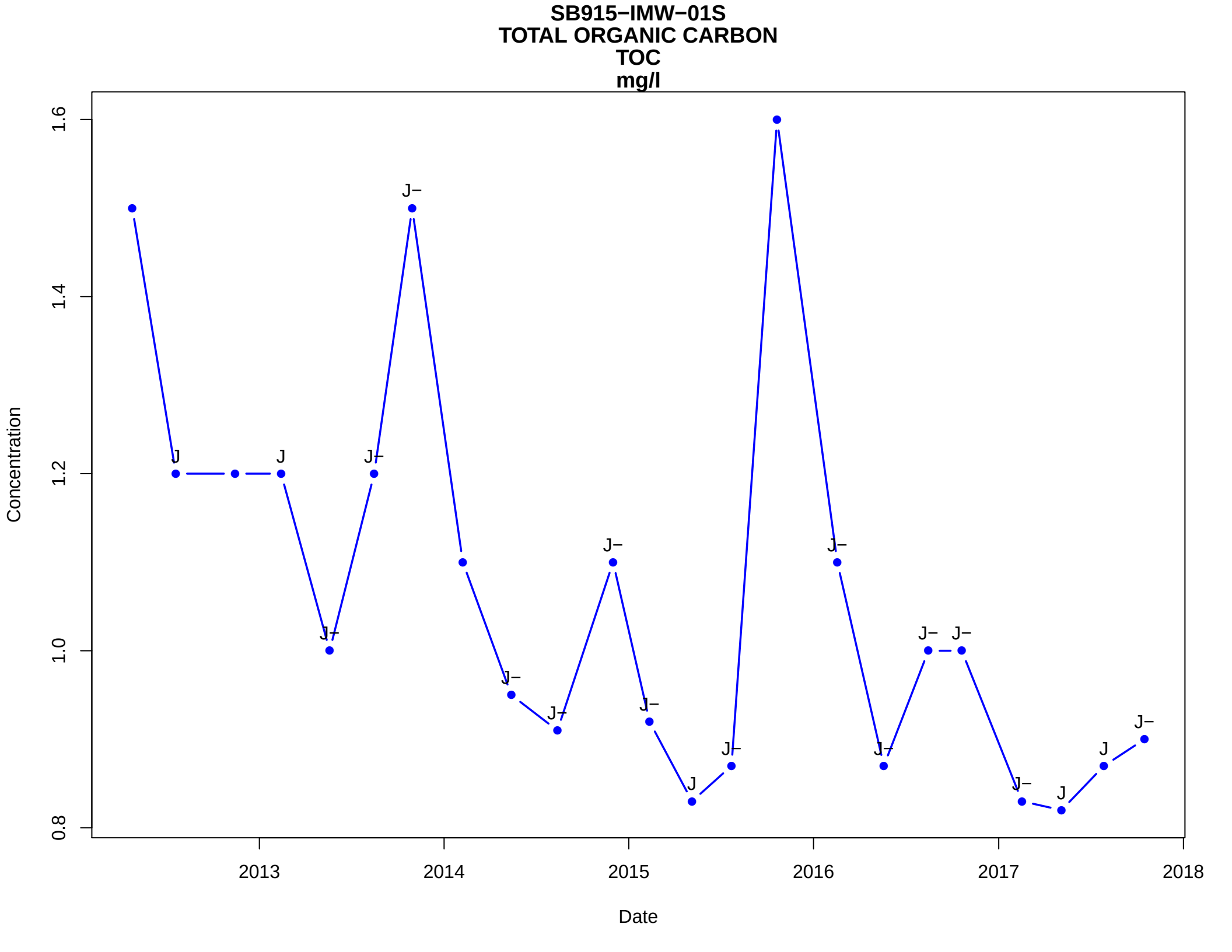
Legend	
	Decreasing Trend
	Increasing Trend
*	Exceeded Class C Standards
NoStd	No Applicable Class C Standard
NotExc	Did Not Exceed Class C Standard
Br	Bedrock
D	Deep
I	Intermediate
S	Shallow Native
SOLW	Solvay Waste

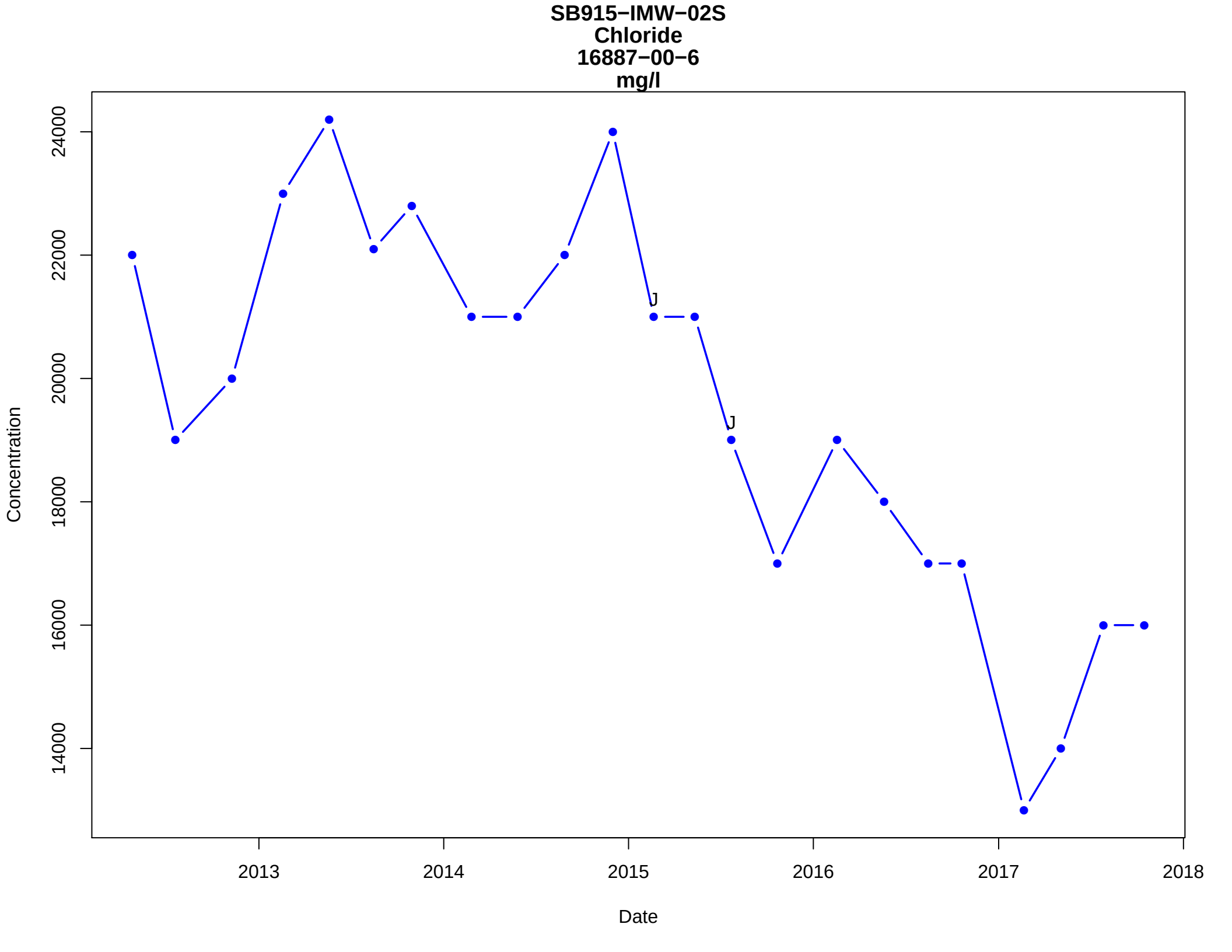

SB915−IMW−01S
Potassium
7440−09−7
mg/L
Concentration
100
80
60
40
J
J
J
J
J
J
J
J
J
U
U
2013
2014
2015
2016
2017
2018
Date

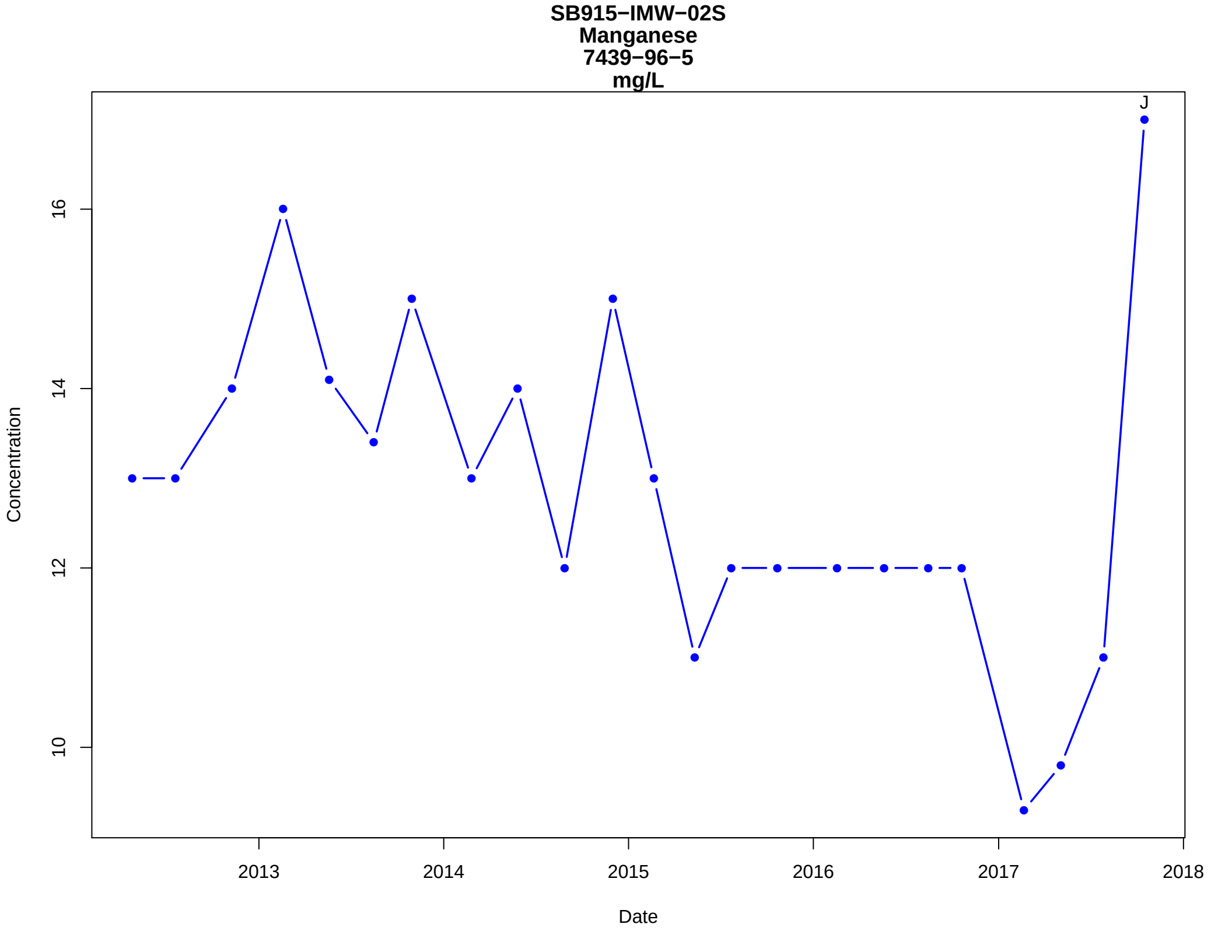

SB915−IMW−01S
Alkalinity
ALK
mg/l
Concentration
140
160
180
200
220
240
260
J
2013
2014
2015
2016
2017
2018
Date

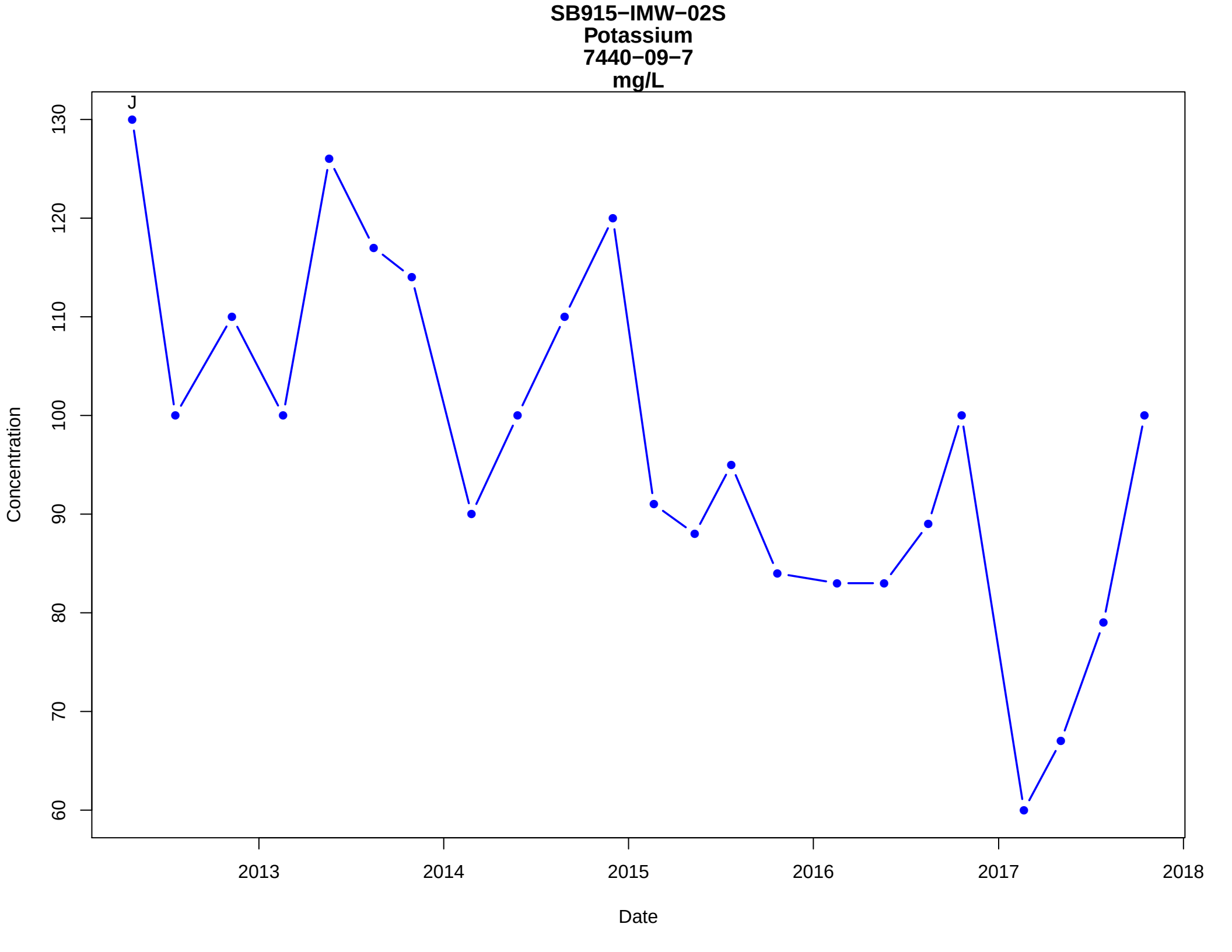

SB915−IMW−01S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
140
160
180
200
220
240
260
J
2013
2014
2015
2016
2017
2018
Date

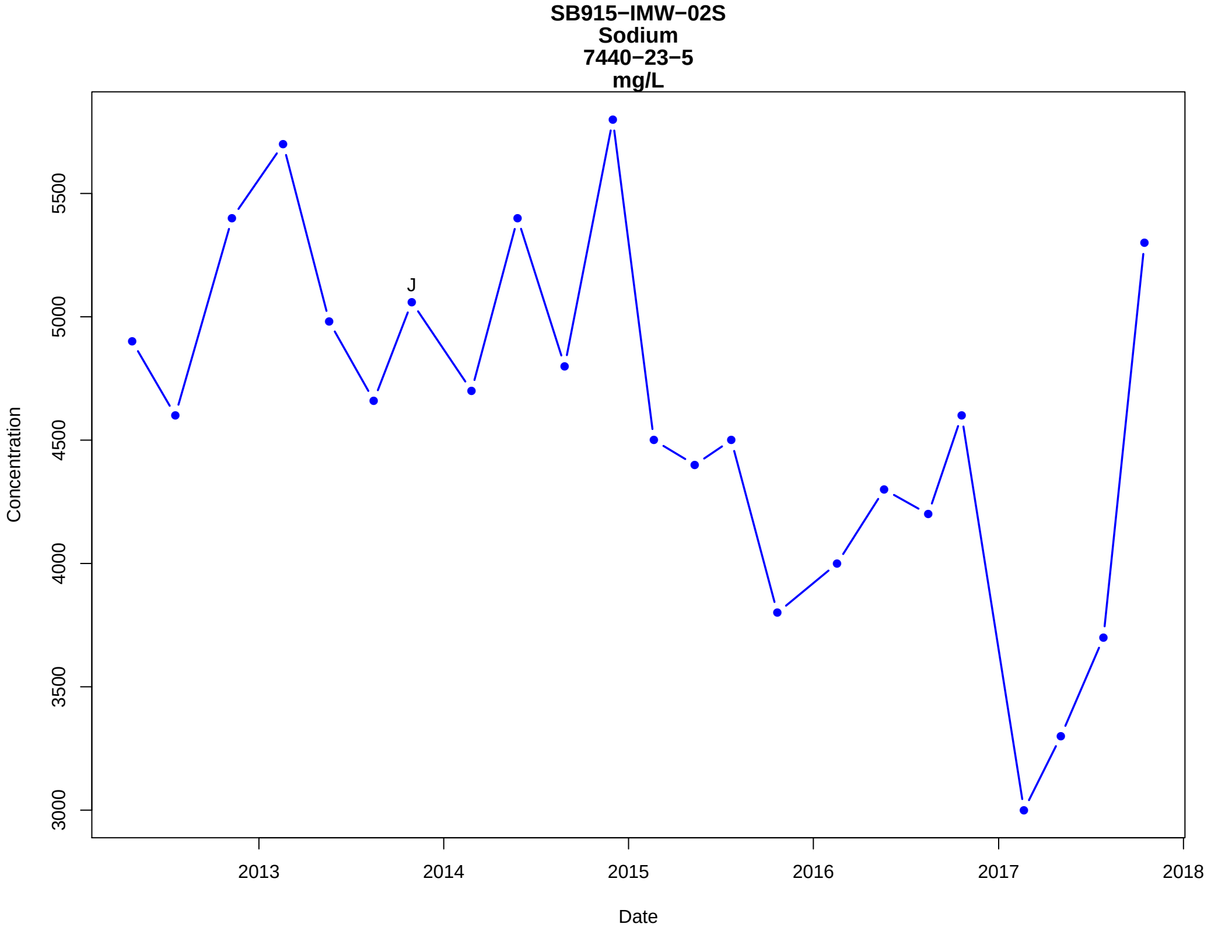

SB915−IMW−01S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
200
400
600
800
1000
1200
1400
J
J+
J−
J
J
J−
J
2013
2014
2015
2016
2017
2018
Date

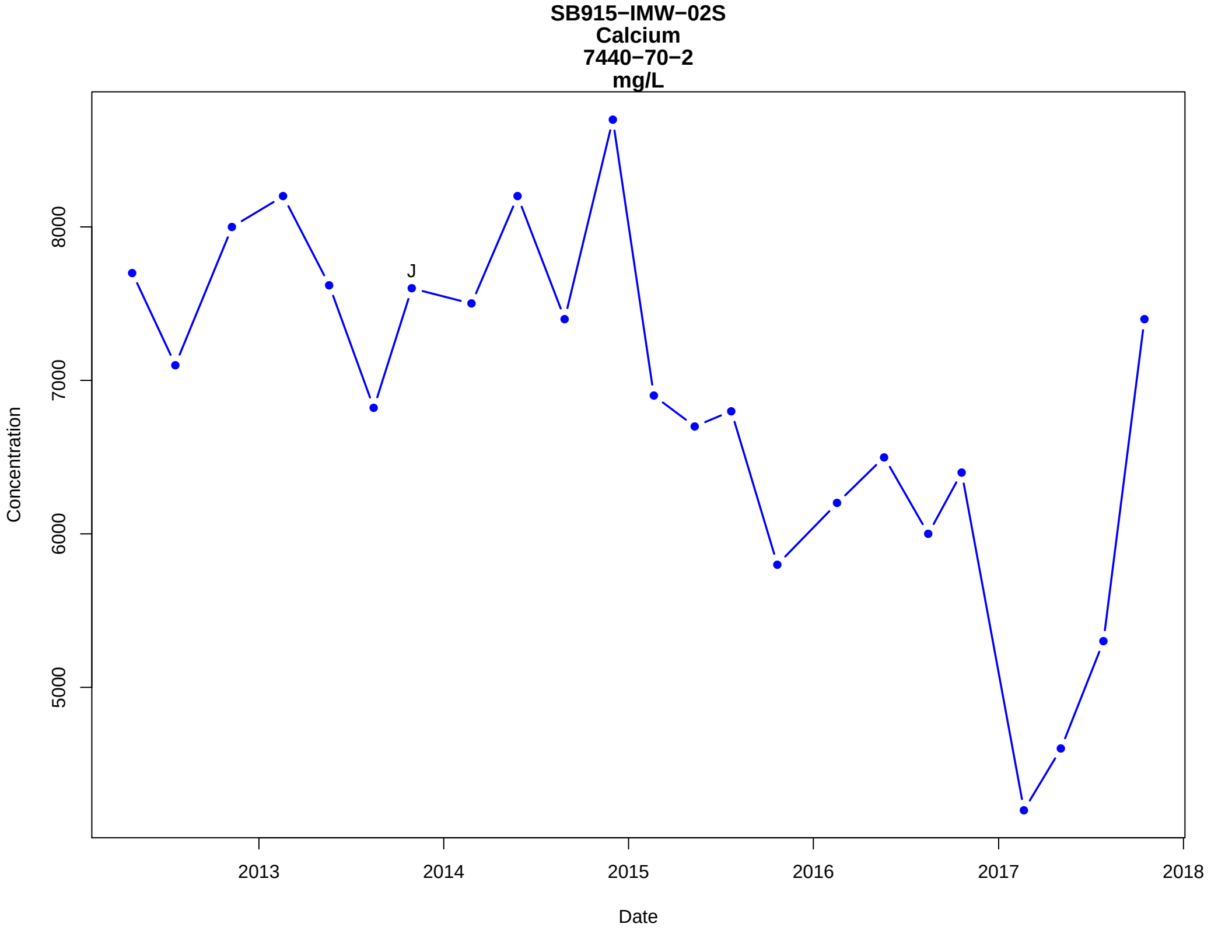

SB915−IMW−01S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
1.6
1.4
1.2
1.0
0.8
J−
J
J
J
J−
J−
J−
J−
J−
J−
J
J−
J−
J−
J−
J−
J
J
J−
2013
2014
2015
2016
2017
2018
Date

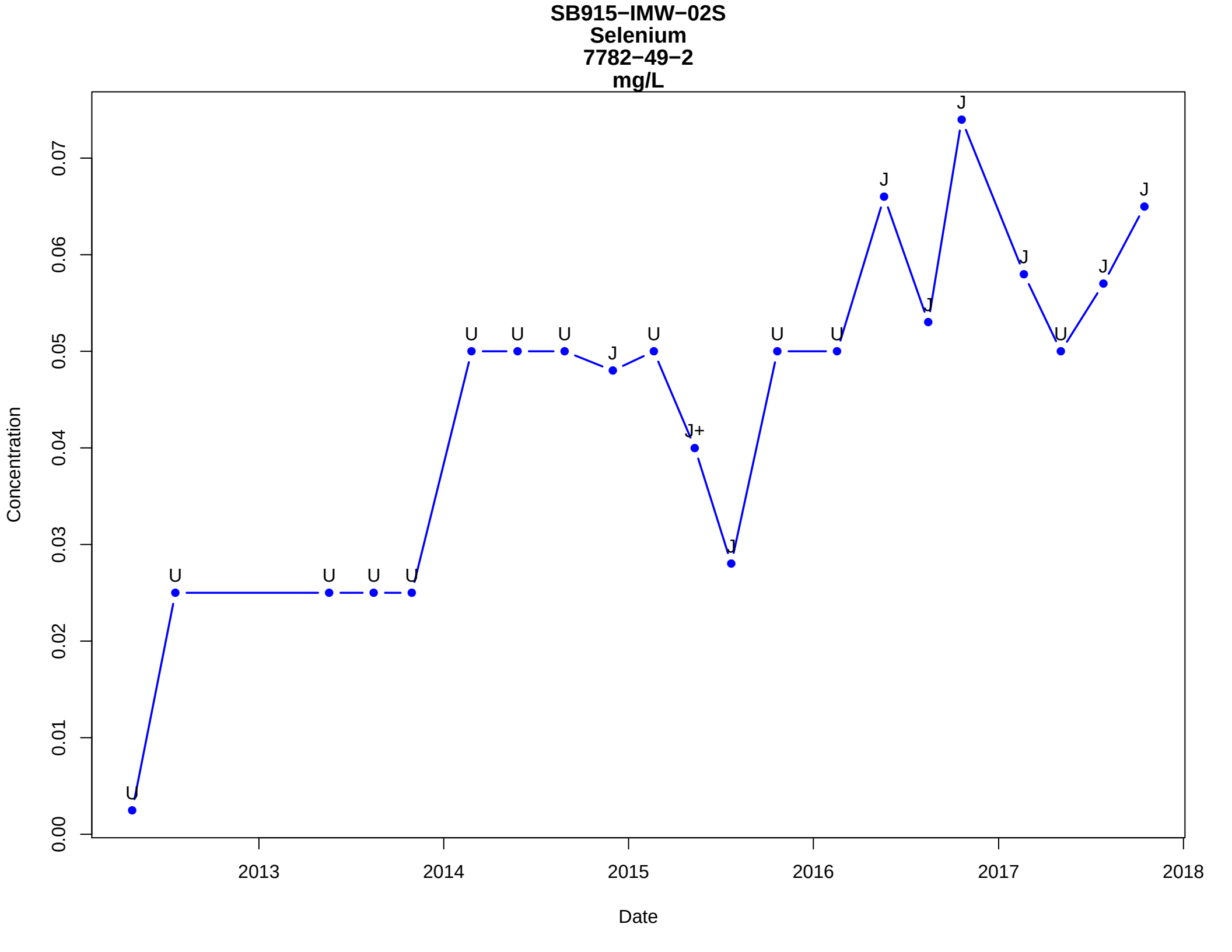

SB915−IMW−02S
Chloride
16887−00−6
mg/l
Concentration
24000
22000
20000
18000
16000
14000
J
J
2013
2014
2015
2016
2017
2018
Date

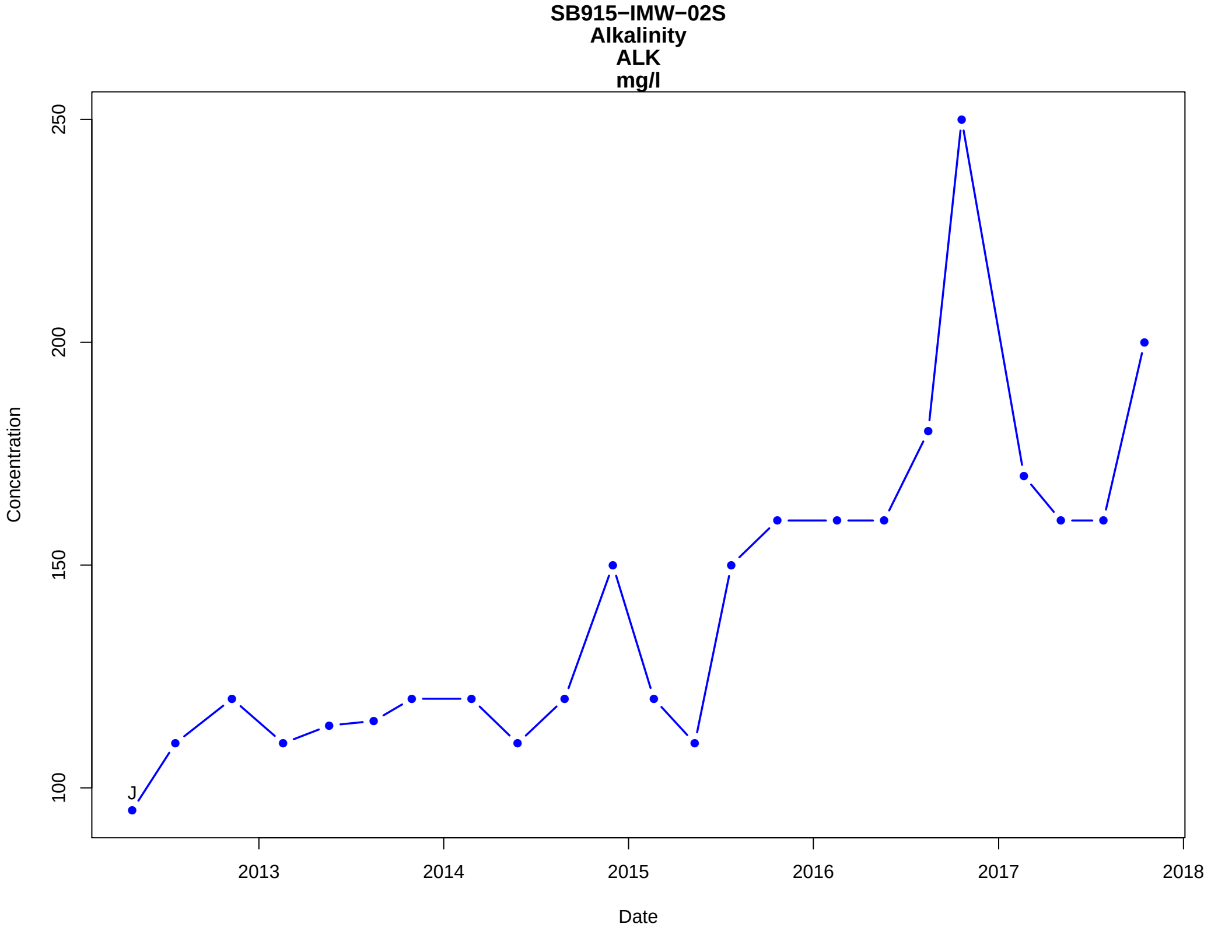

SB915−IMW−02S
Manganese
7439−96−5
mg/L
J
Concentration
10
12
14
16
2013
2014
2015
2016
2017
2018
Date

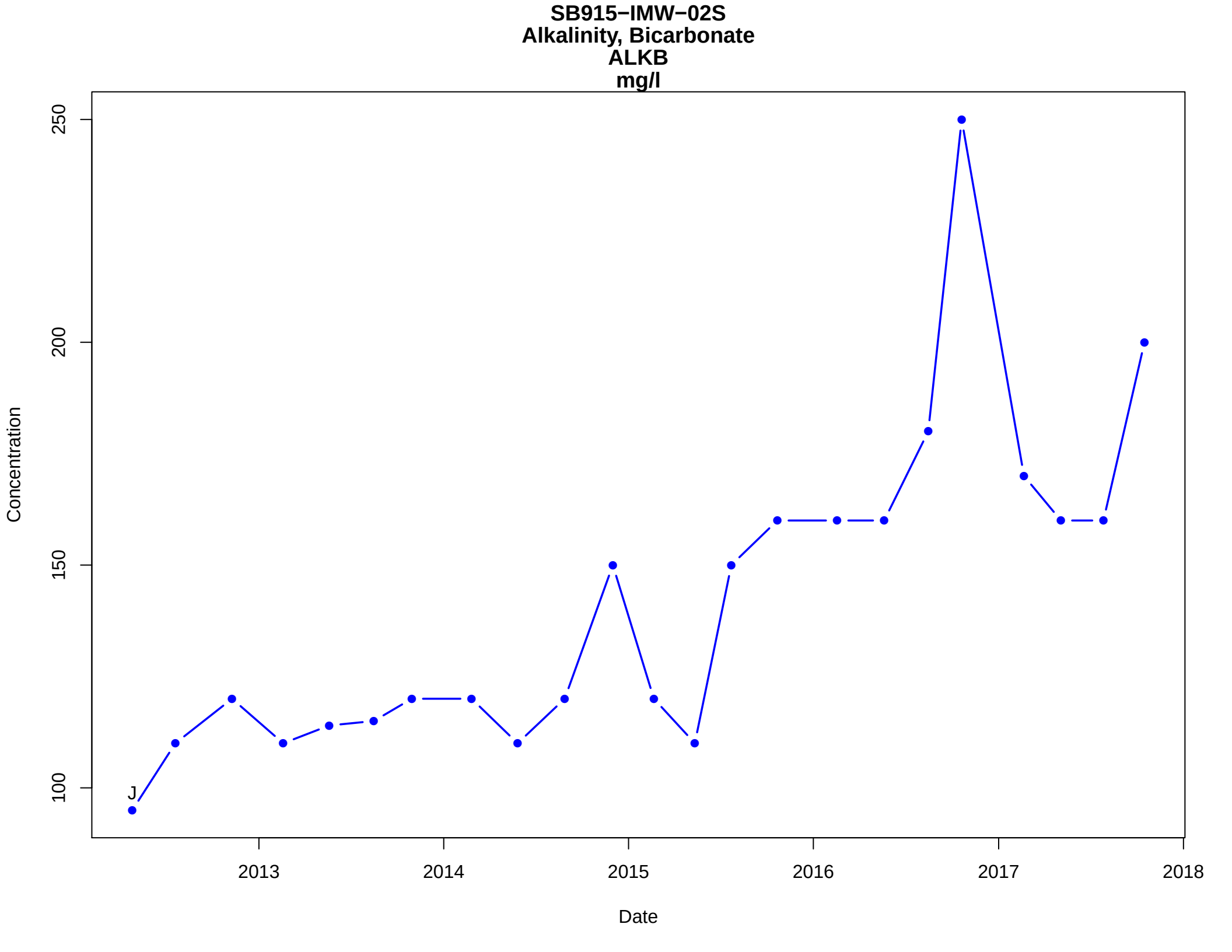

SB915−IMW−02S
Potassium
7440−09−7
mg/L
J
Concentration
130
120
110
100
90
80
70
60
2013
2014
2015
2016
2017
2018
Date

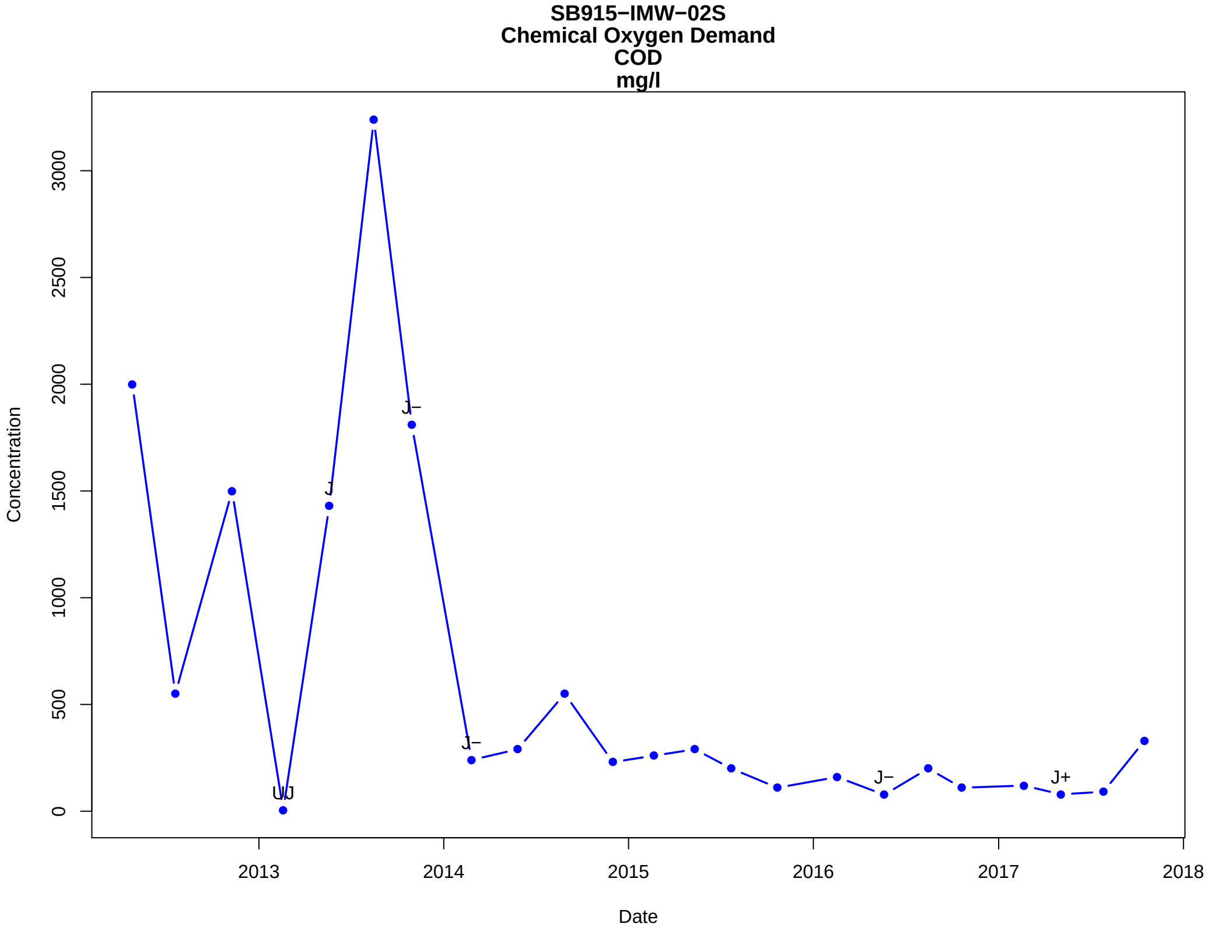

SB915−IMW−02S
Sodium
7440−23−5
mg/L
Concentration
3000
3500
4000
4500
5000
5500
J
2013
2014
2015
2016
2017
2018
Date

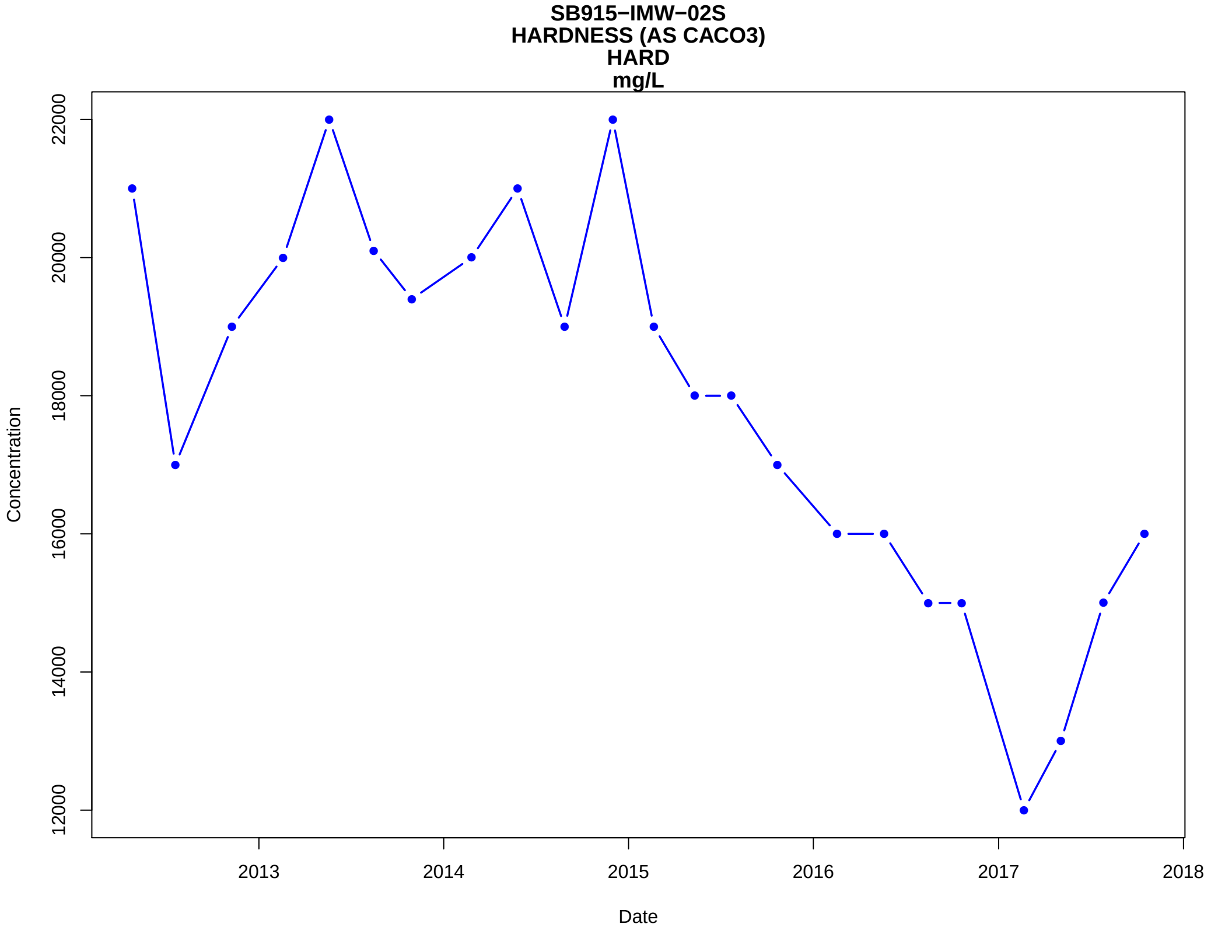

SB915−IMW−02S
Calcium
7440−70−2
mg/L
Concentration
8000
7000
6000
5000
J
2013
2014
2015
2016
2017
2018
Date

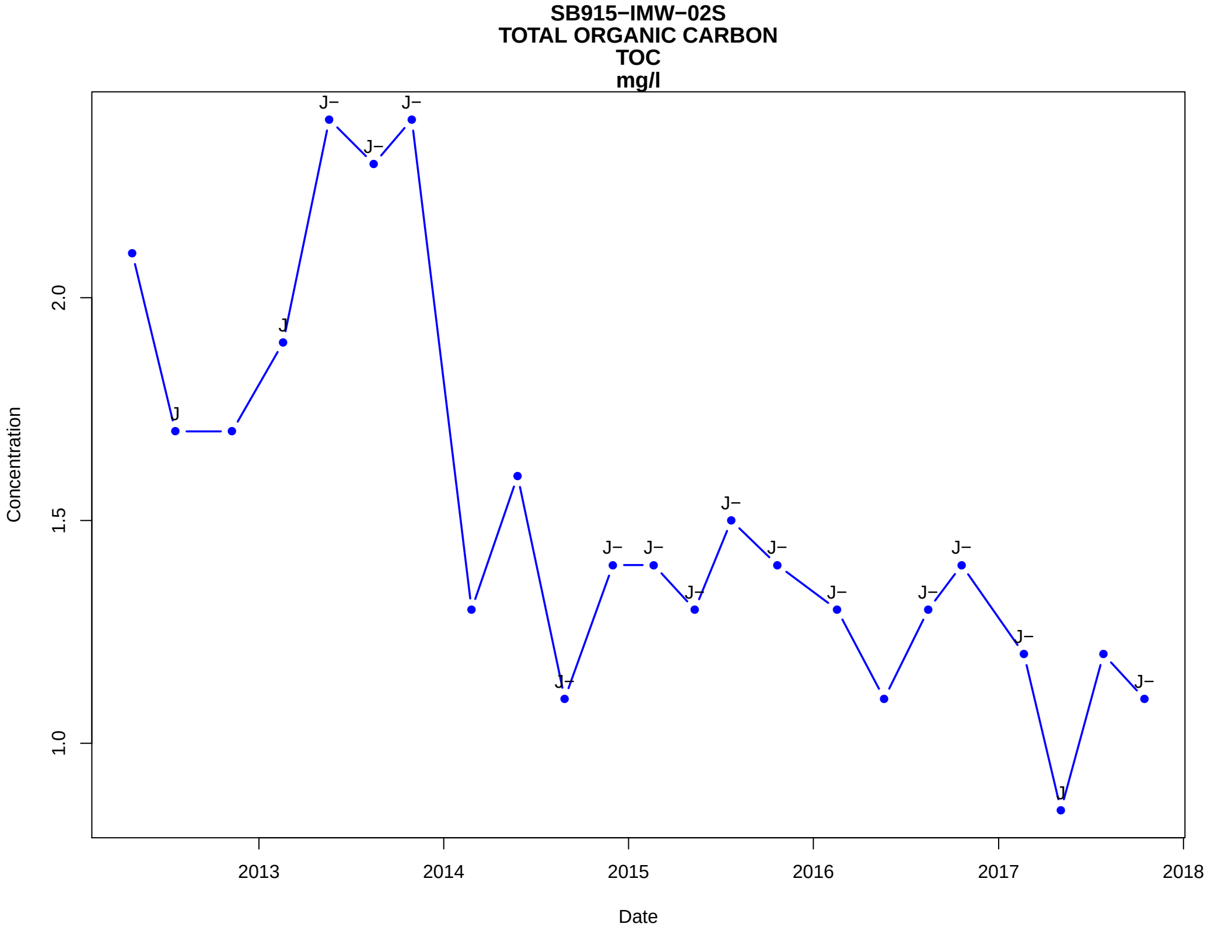

SB915−IMW−02S
Selenium
7782−49−2
mg/L
Concentration
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
J
U
J+
J
U
U
J
J
J
U
J
J

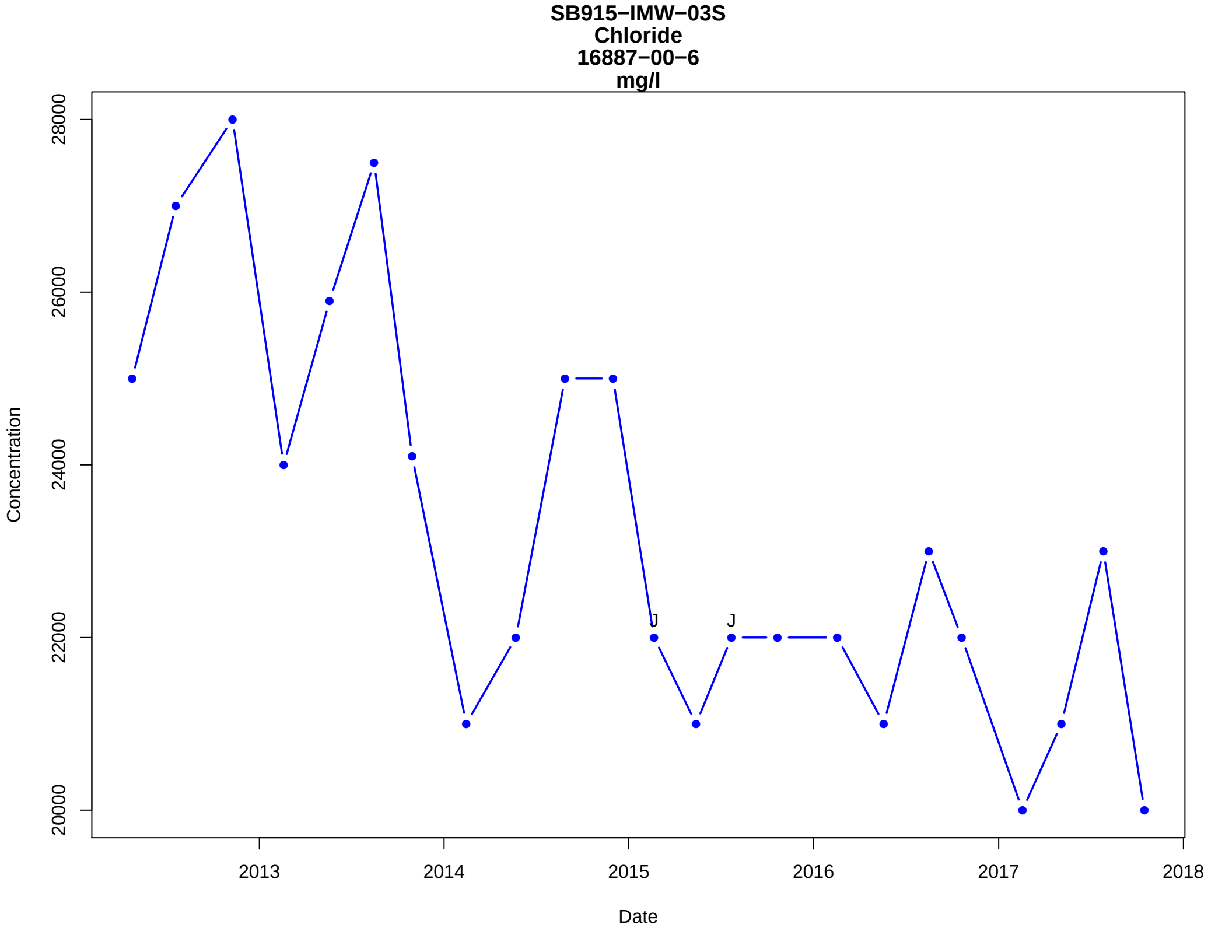

SB915−IMW−02S
Alkalinity
ALK
mg/l
Concentration
100
150
200
250
J
2013
2014
2015
2016
2017
2018
Date

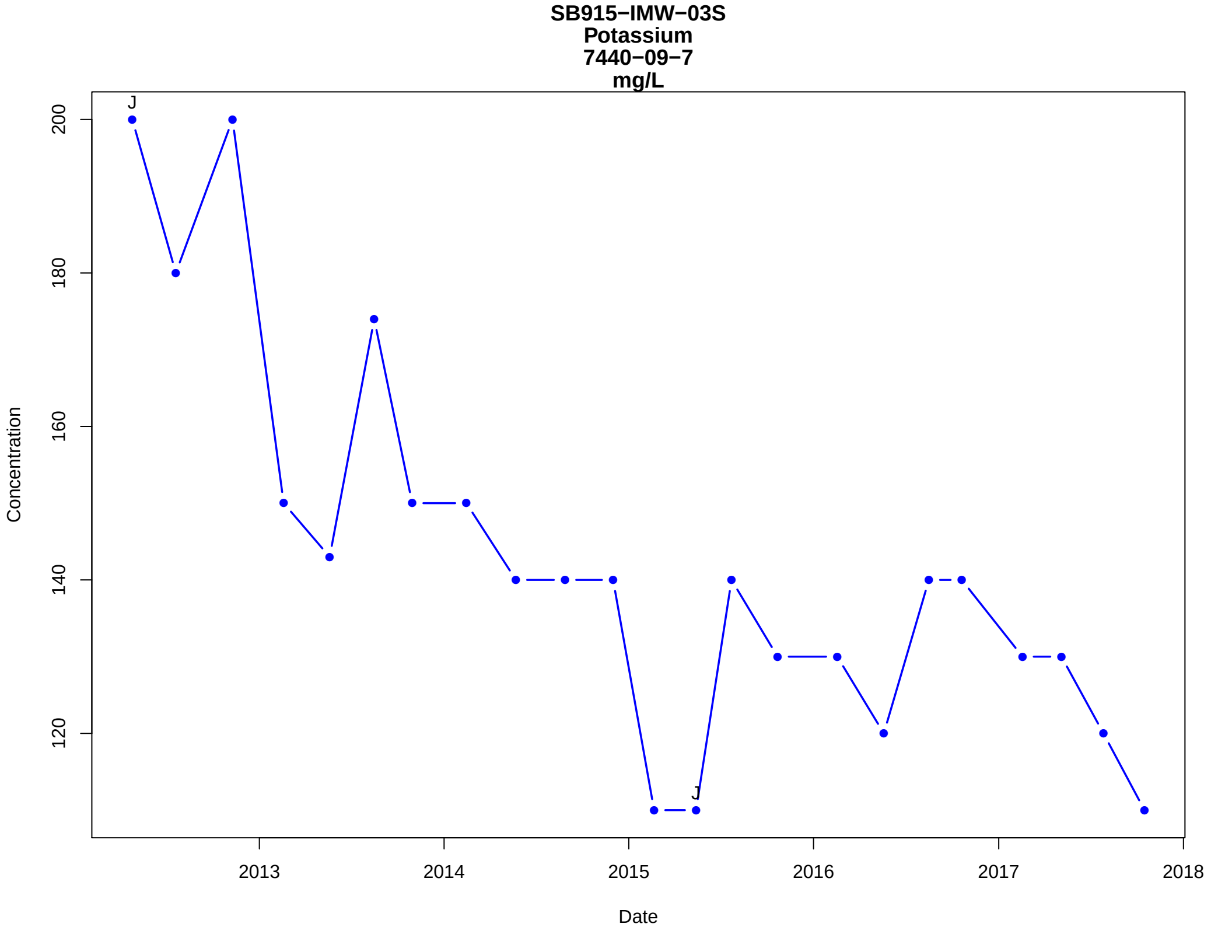

SB915−IMW−02S
Alkalinity, Bicarbonate
ALKB
mg/l
250
200
150
100
Concentration
J
2013
2014
2015
2016
2017
2018
Date

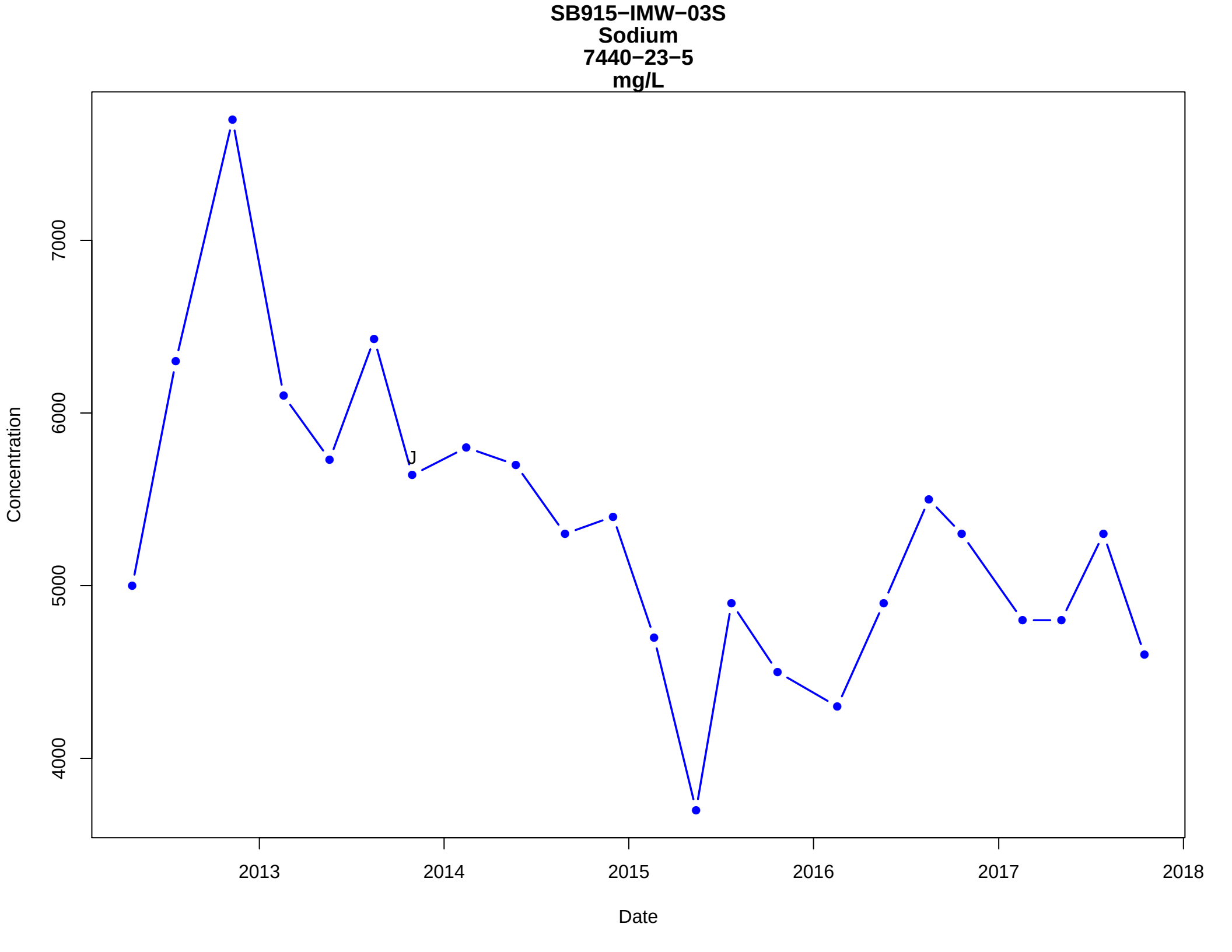

SB915−IMW−02S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
UJ
J
J−
J−
J−
J+
2013
2014
2015
2016
2017
2018
Date

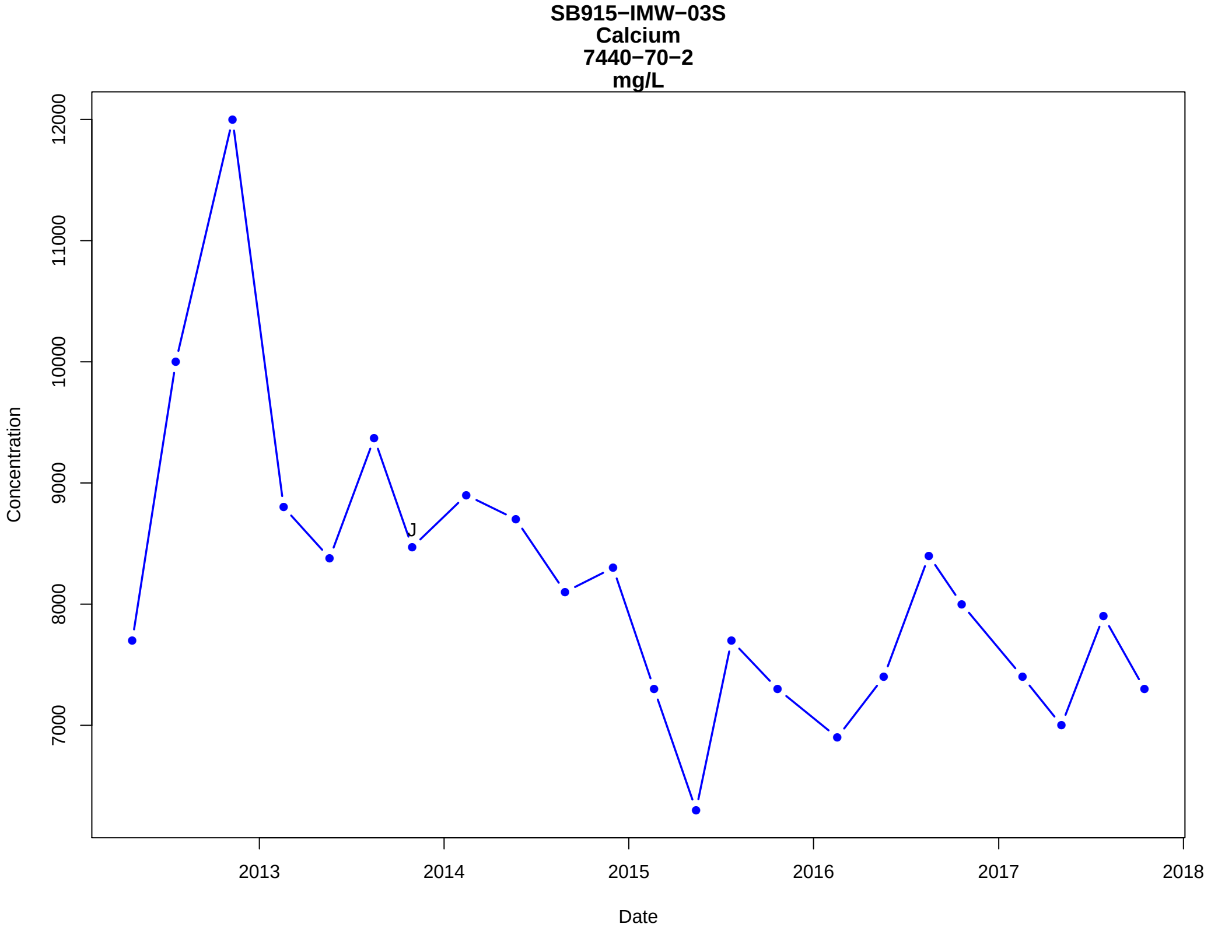

SB915−IMW−02S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
22000
20000
18000
16000
14000
12000
2013
2014
2015
2016
2017
2018
Date

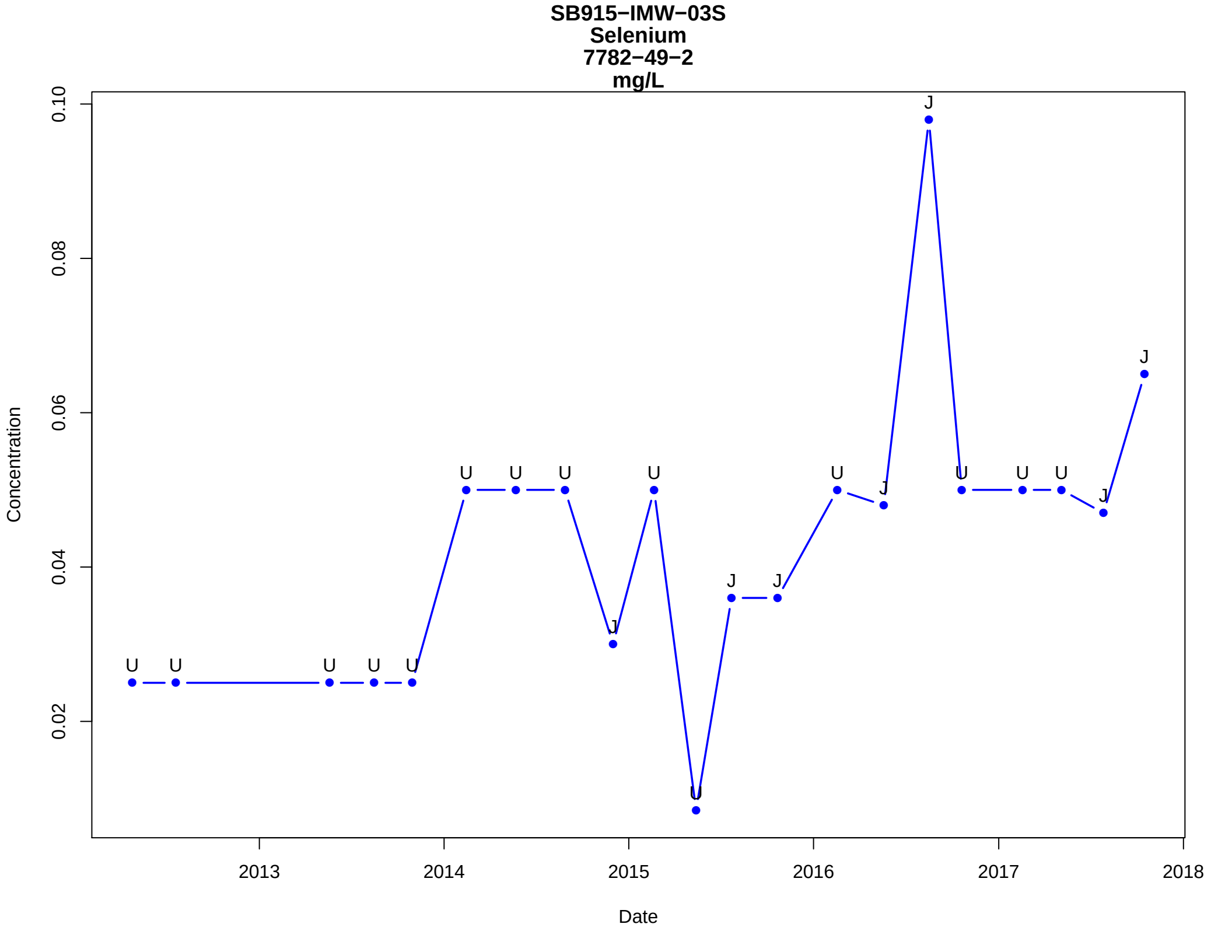

SB915−IMW−02S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
1.0
1.5
2.0
2013
2014
2015
2016
2017
2018
Date
J
J−

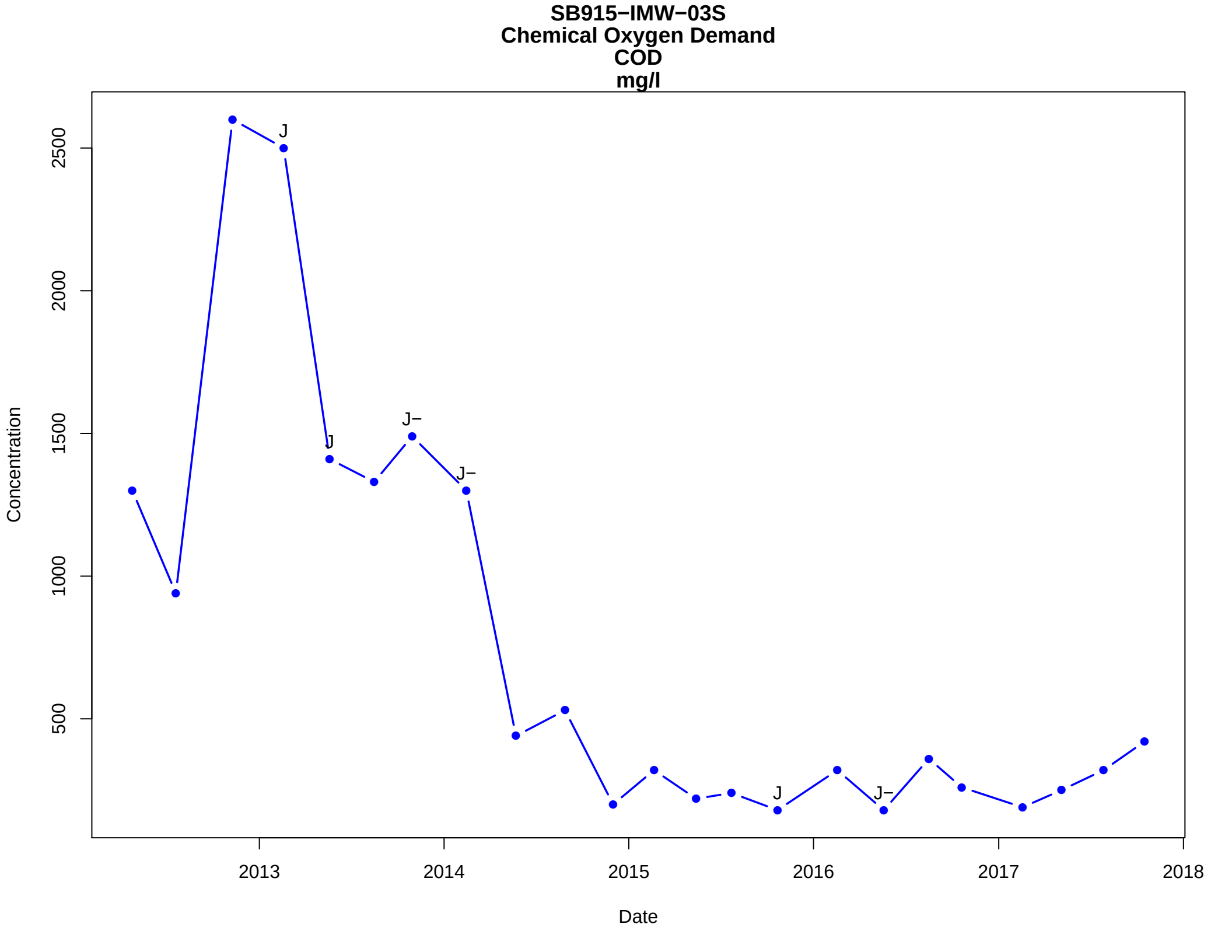

SB915−IMW−03S
Chloride
16887−00−6
mg/l
Concentration
28000
26000
24000
22000
20000
J
J
2013
2014
2015
2016
2017
2018
Date

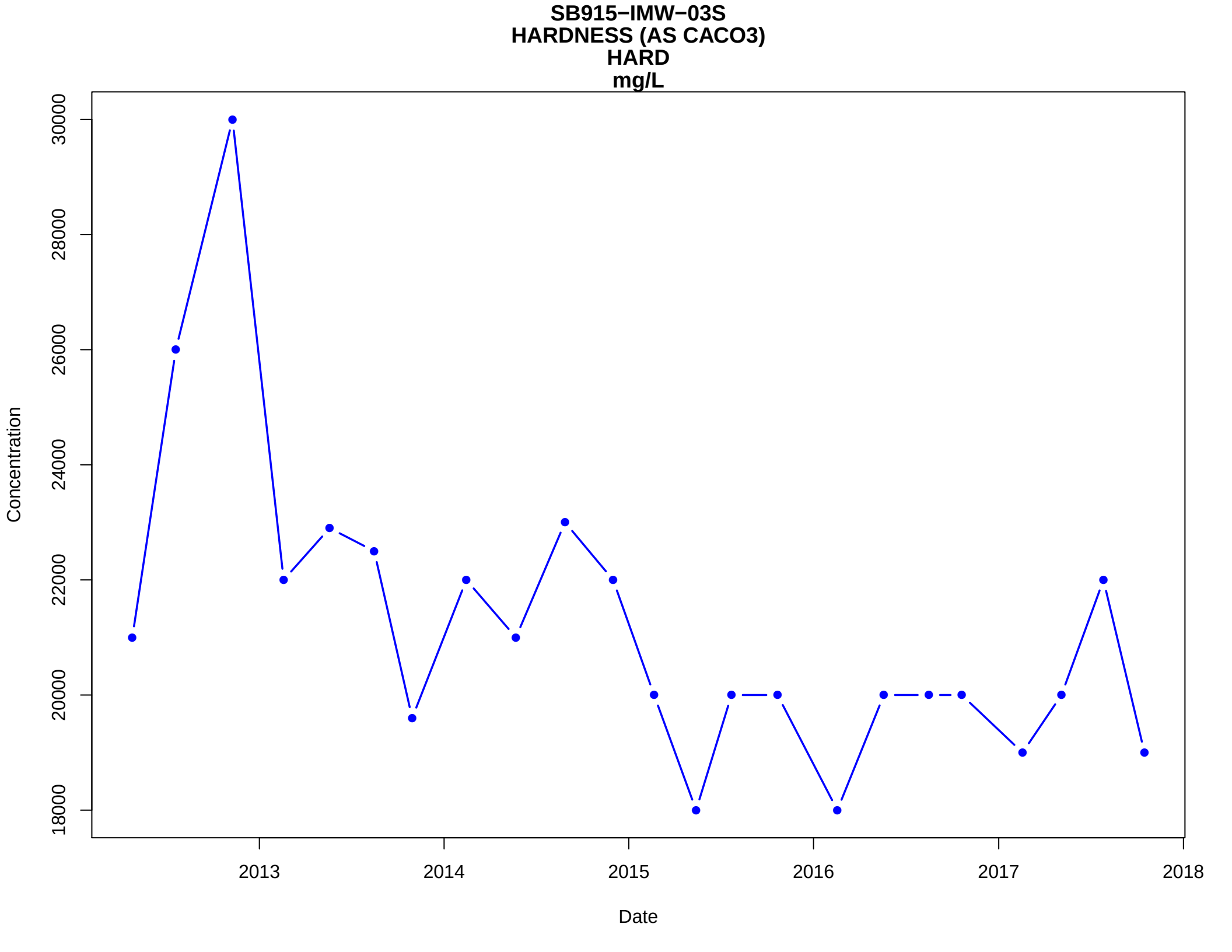

SB915−IMW−03S
Potassium
7440−09−7
mg/L
J
J
200
180
160
140
120
Concentration
2013
2014
2015
2016
2017
2018
Date

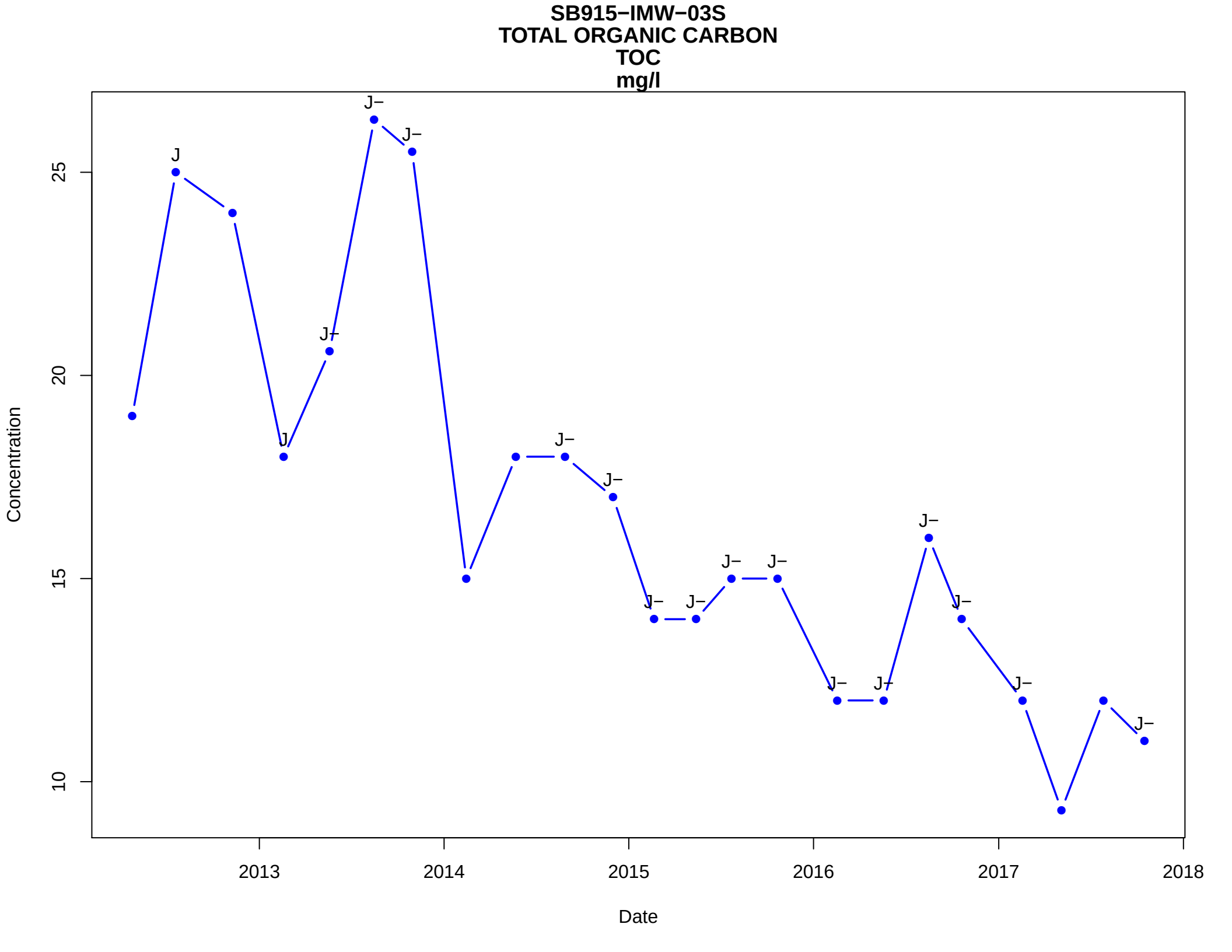

SB915−IMW−03S
Sodium
7440−23−5
mg/L
Concentration
7000
6000
5000
4000
J
2013
2014
2015
2016
2017
2018
Date

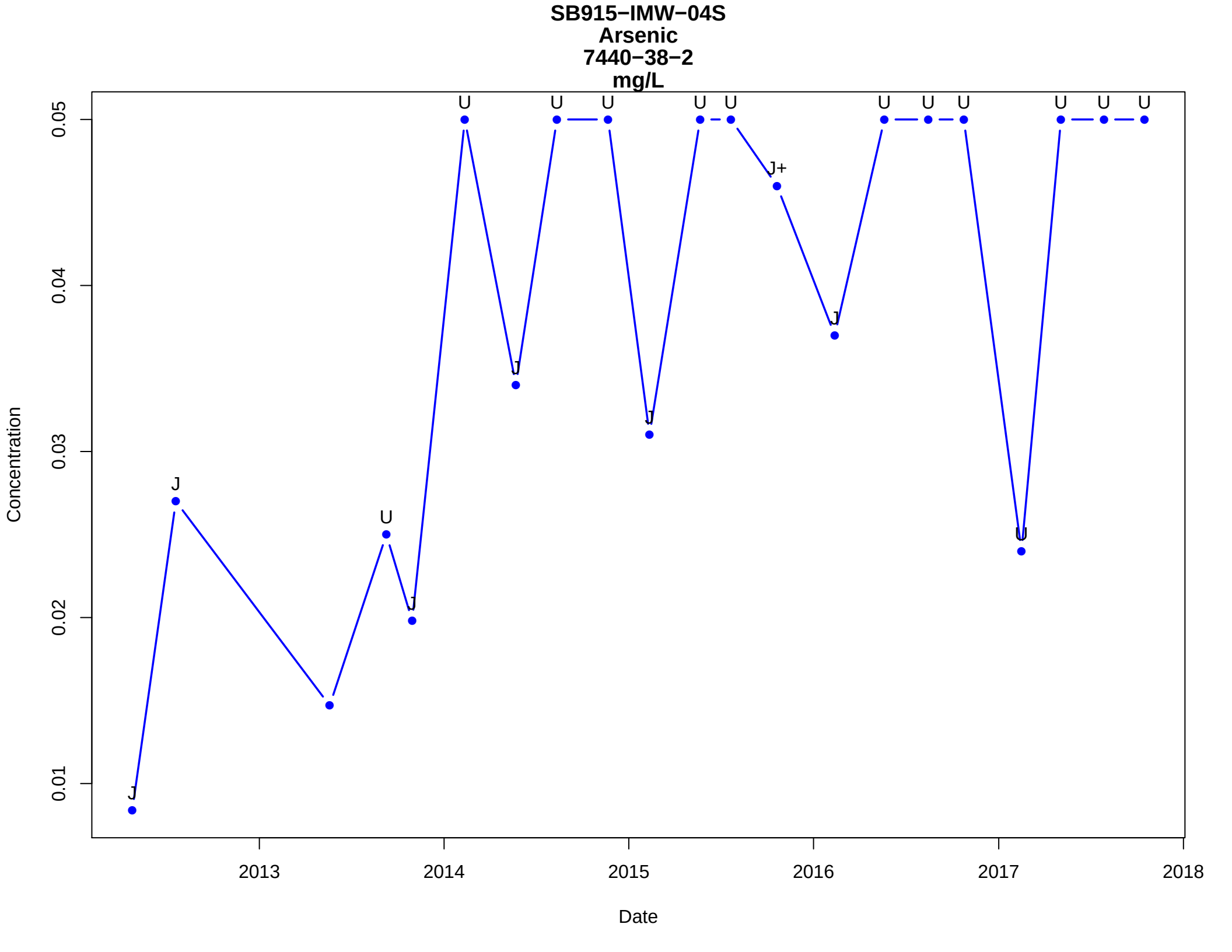

SB915−IMW−03S
Calcium
7440−70−2
mg/L
Concentration
12000
11000
10000
9000
8000
7000
J
2013
2014
2015
2016
2017
2018
Date

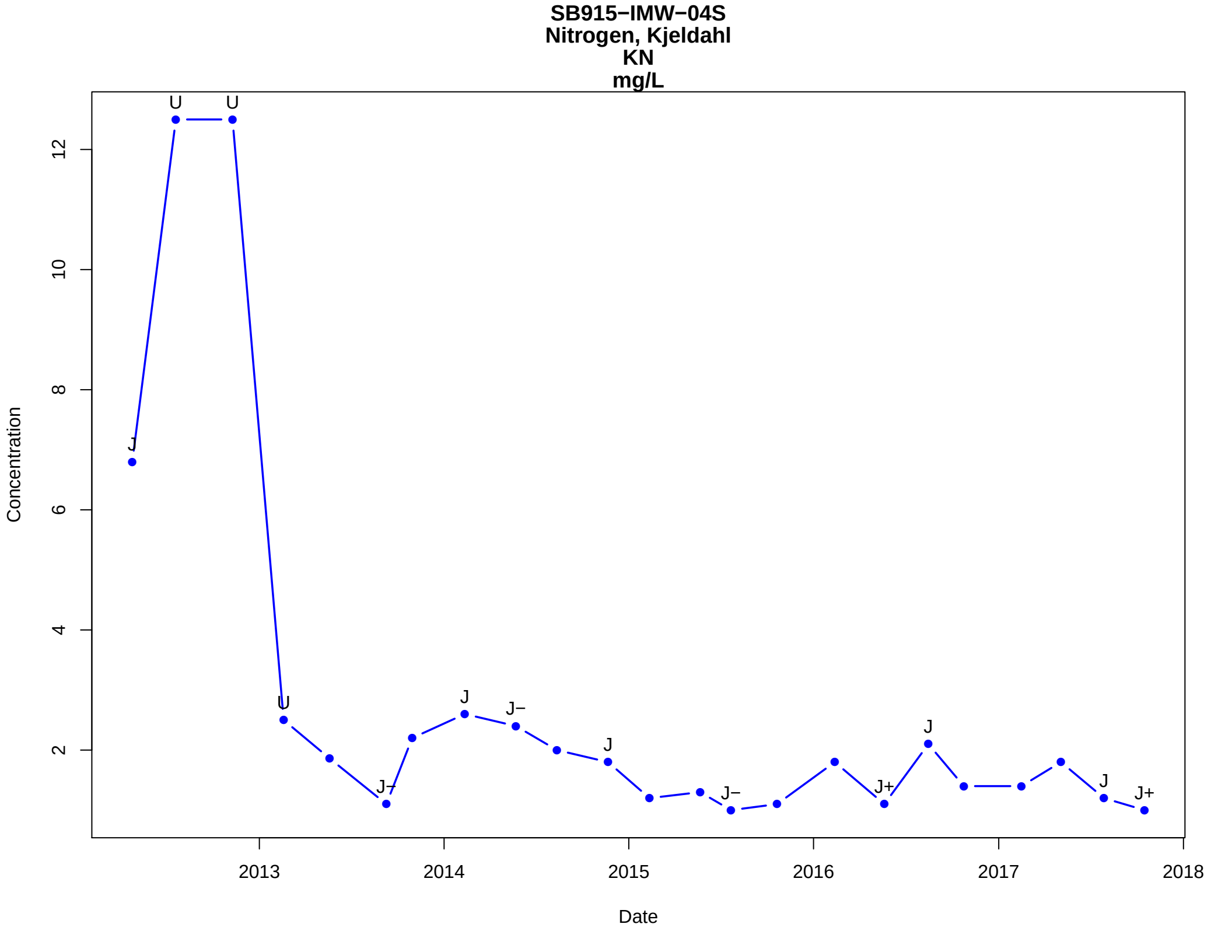

SB915−IMW−03S
Selenium
7782−49−2
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
U U U U U U U U U J J U J J U U U J J U U U J
2013
2014
2015
2016
2017
2018
Date

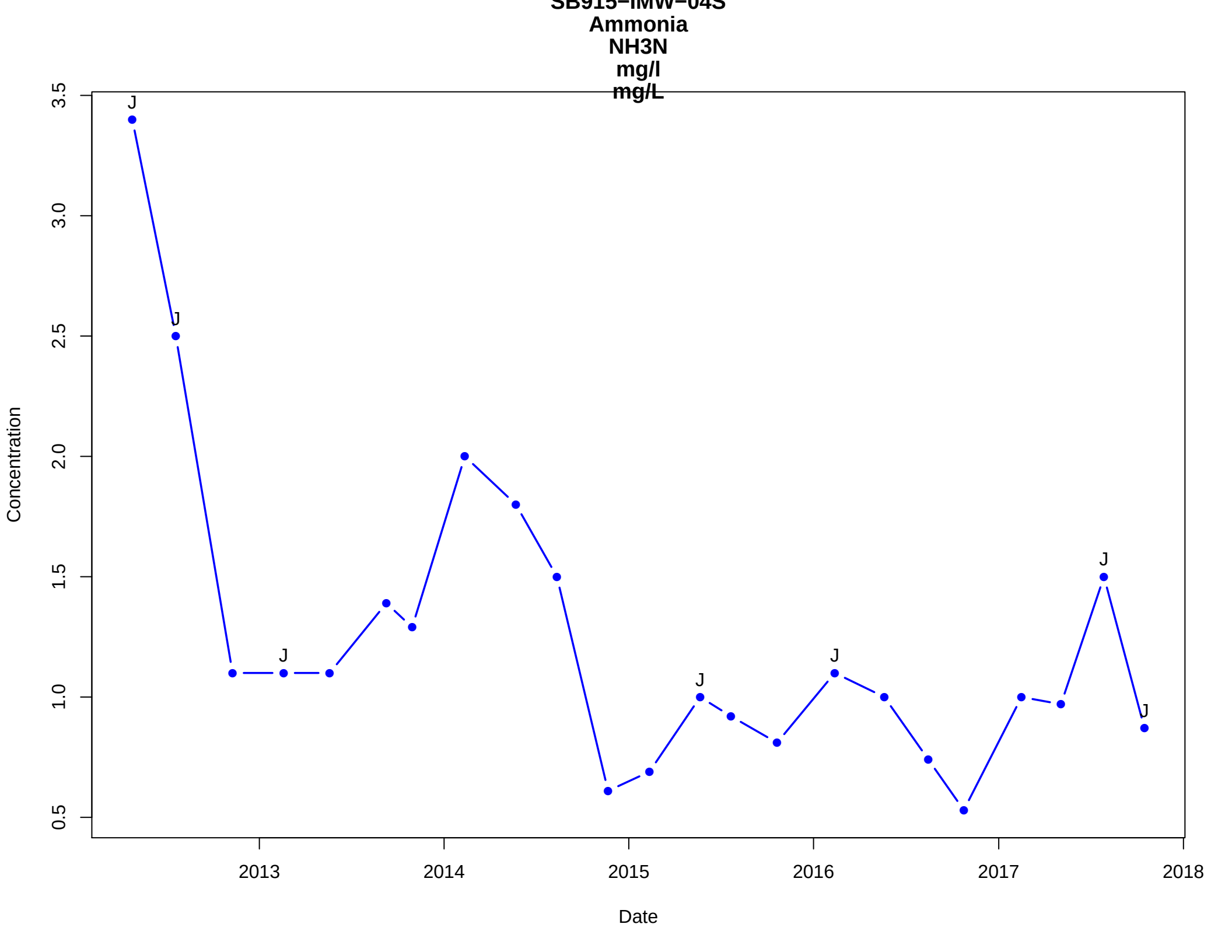

SB915−IMW−03S
Chemical Oxygen Demand
COD
mg/l
Concentration
2500
2000
1500
1000
500
J
J
J−
J−
J
J−
2013
2014
2015
2016
2017
2018
Date

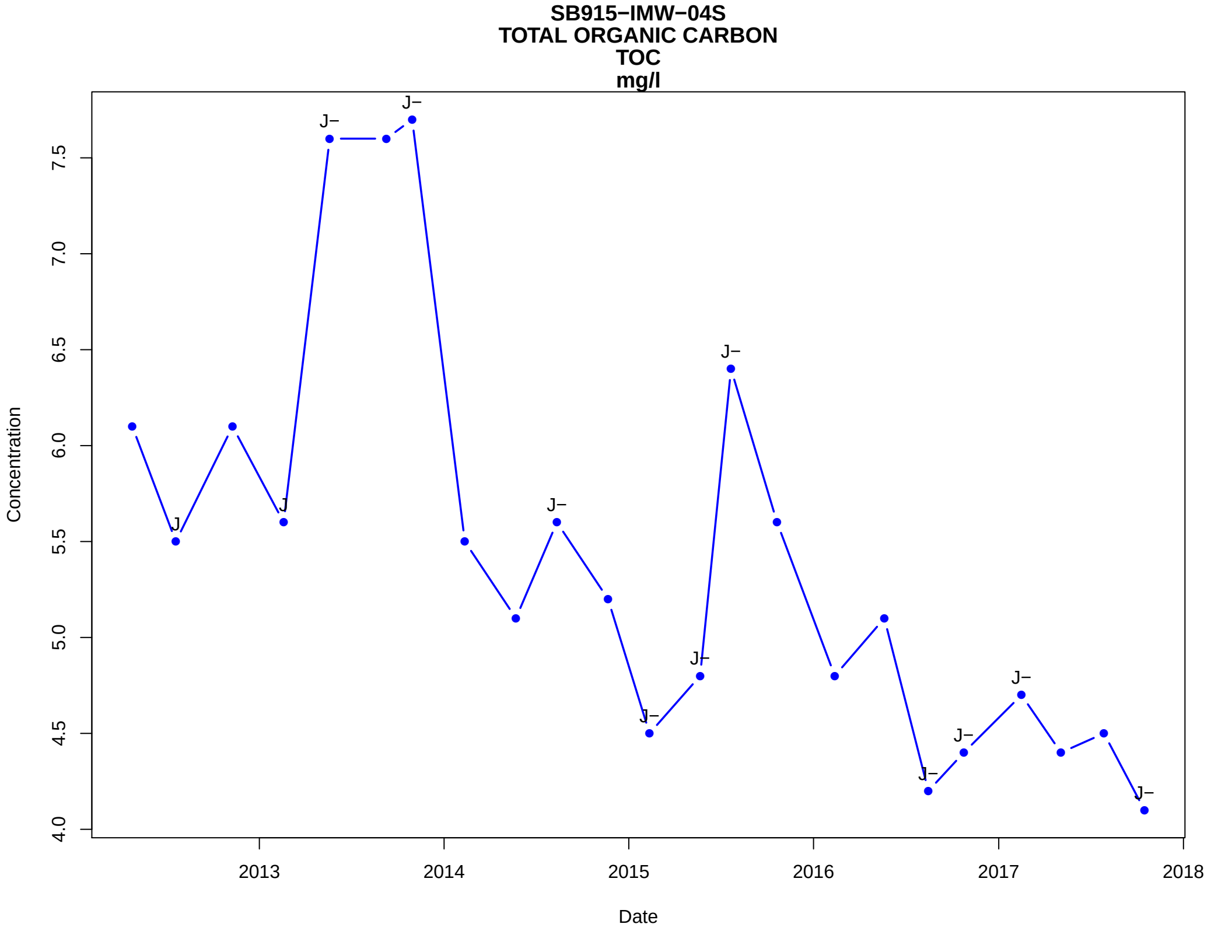

SB915−IMW−03S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
30000
28000
26000
24000
22000
20000
18000
2013
2014
2015
2016
2017
2018
Date

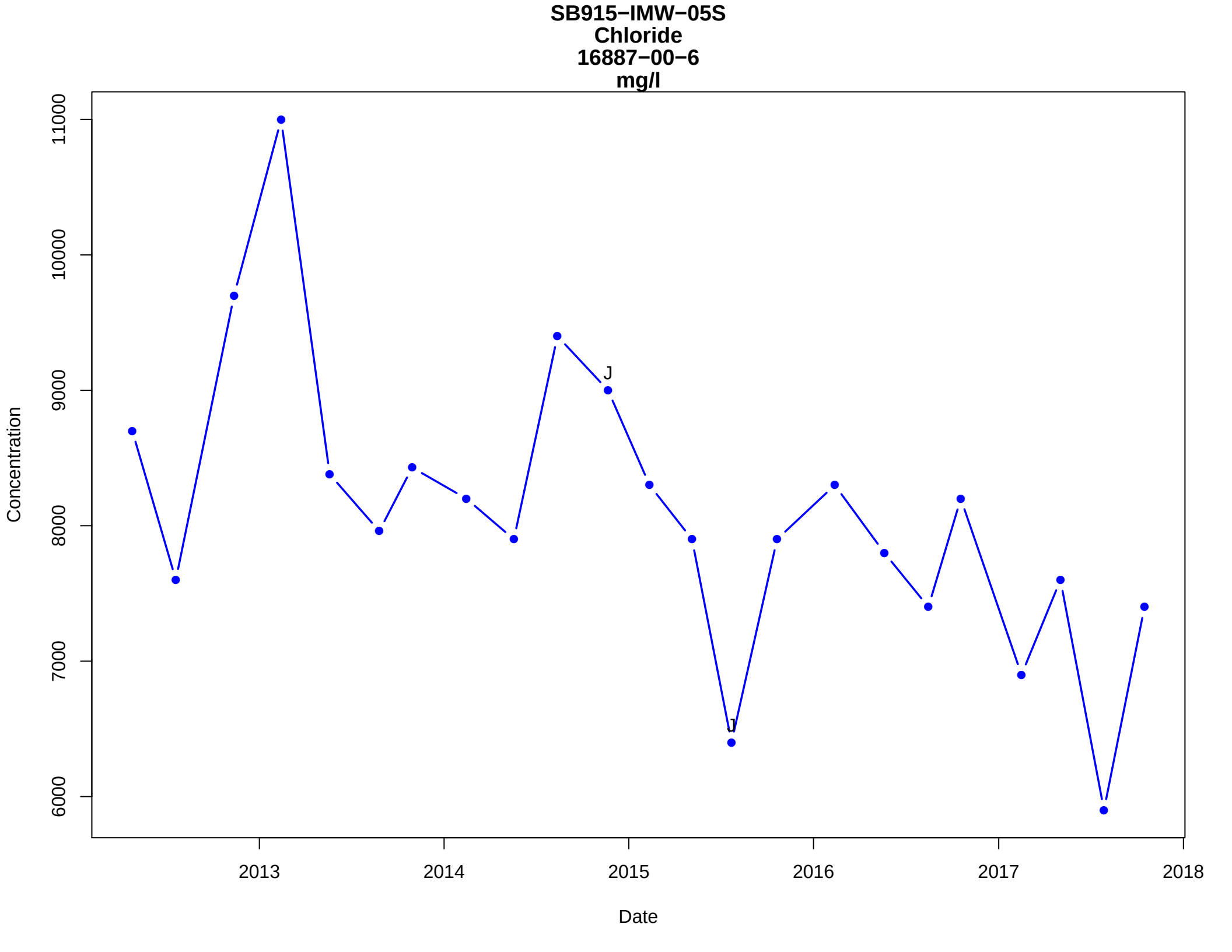

SB915−IMW−03S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
10
15
20
25
2013
2014
2015
2016
2017
2018
J
J−

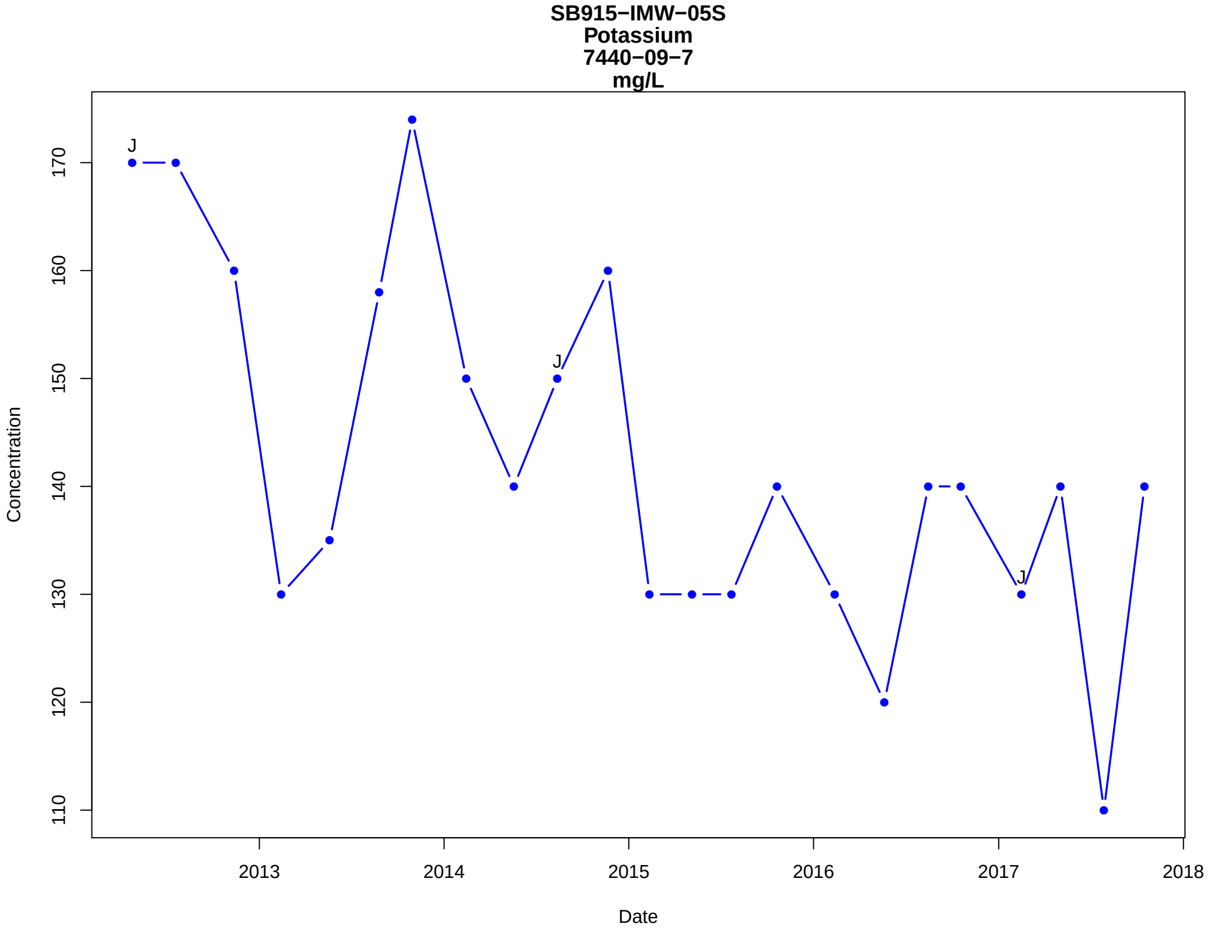

SB915−IMW−04S
Arsenic
7440−38−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
J
J
U
J
U
U
U
U
U
J
U
J+
J
U
U
U
U
U
U
2013
2014
2015
2016
2017
2018
Date

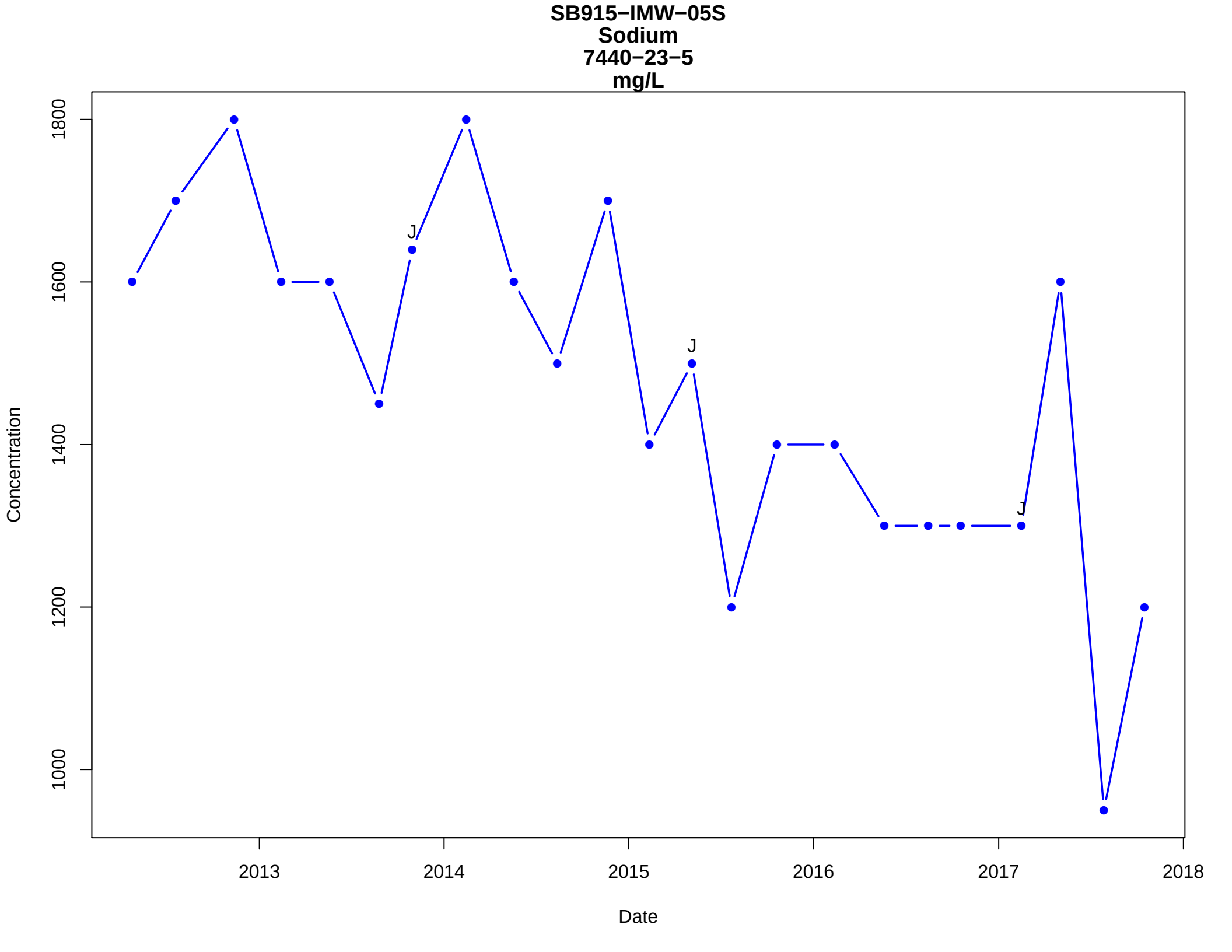

SB915−IMW−04S
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
2
4
6
8
10
12
2013
2014
2015
2016
2017
2018
J
U
U
U
J−
J
J−
J
J−
J+
J
J
J
J+

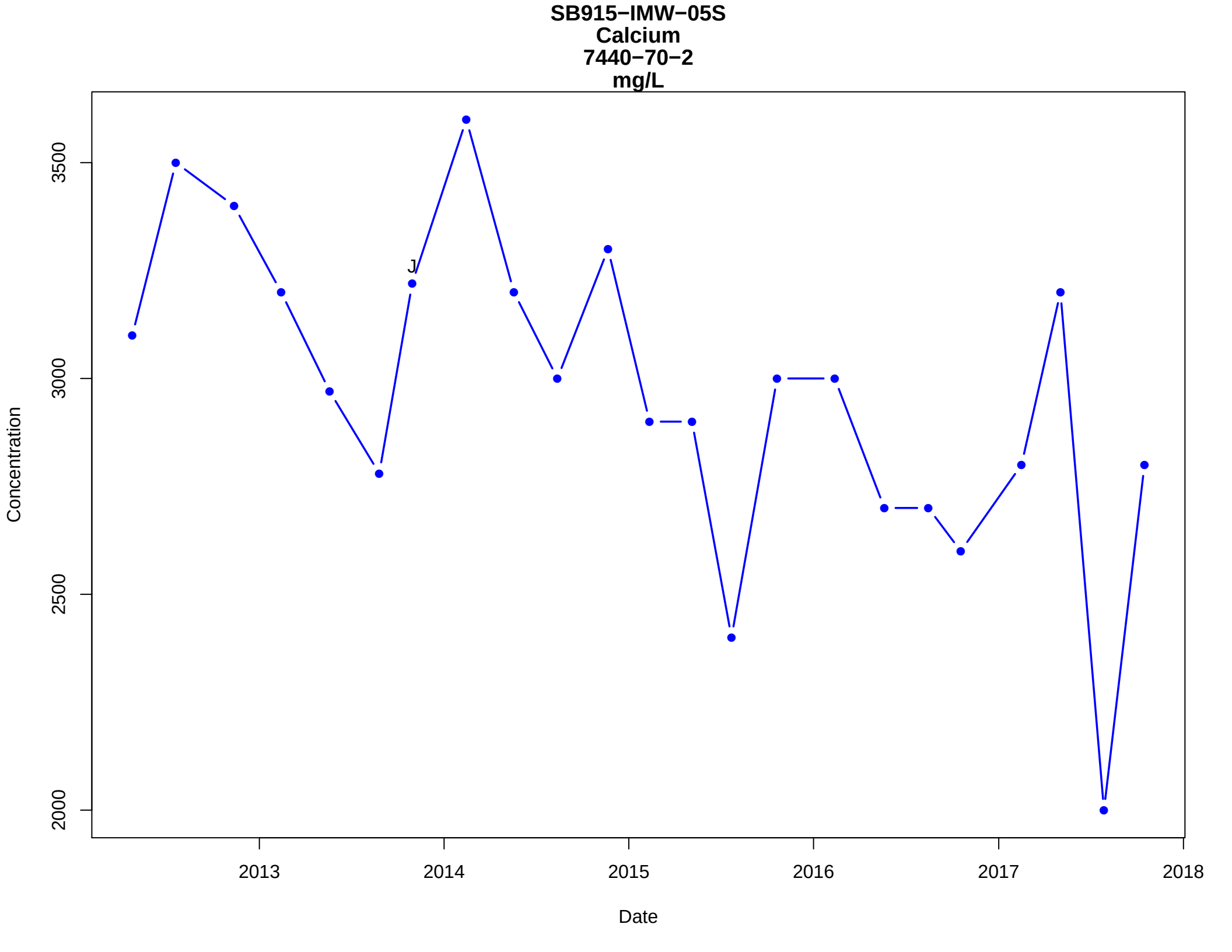

SB915-MW-04S
Ammonia
NH3N
mg/l
mg/L
Concentration
Date
0.5
1.0
1.5
2.0
2.5
3.0
3.5
2013
2014
2015
2016
2017
2018
J

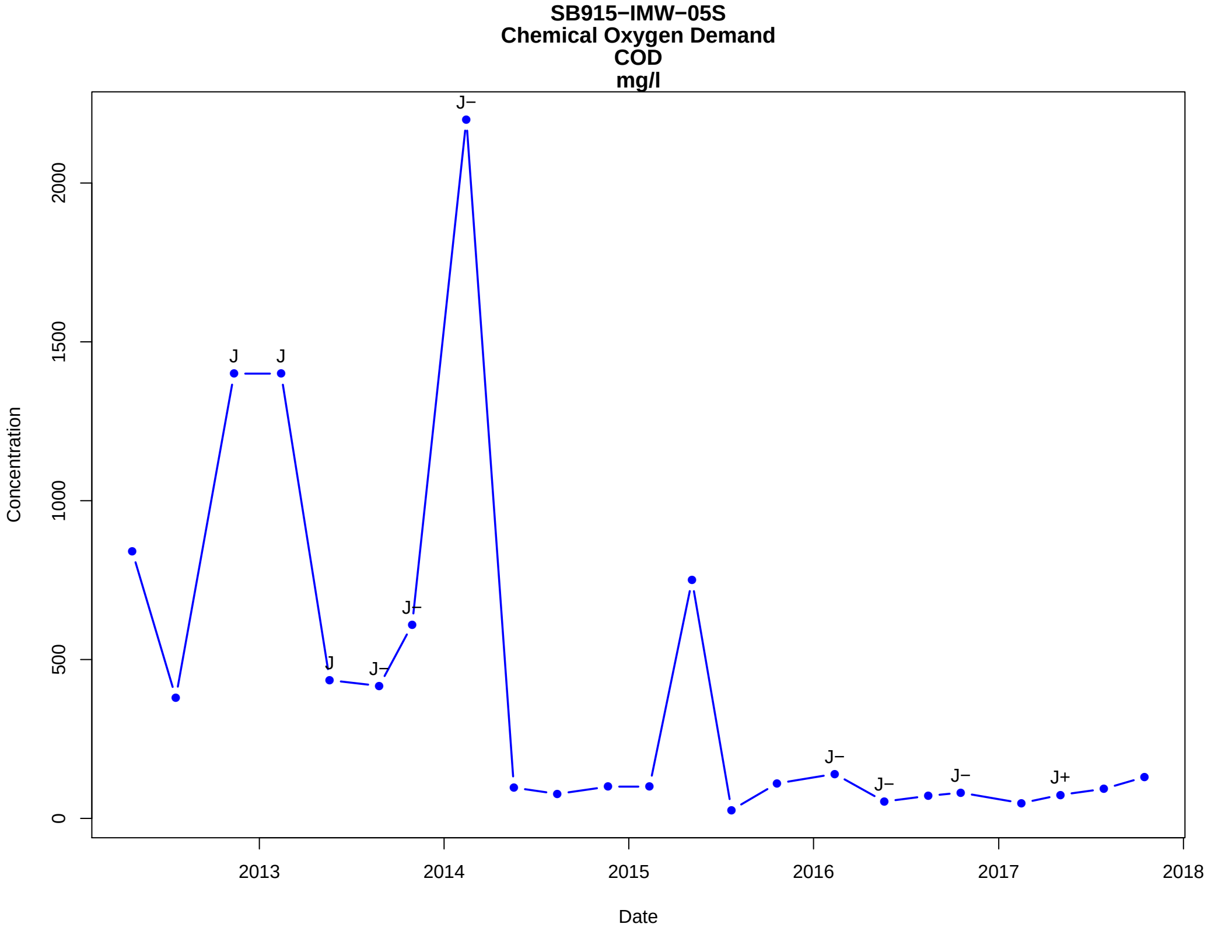

SB915−IMW−04S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
2013
2014
2015
2016
2017
2018
Date
J
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−

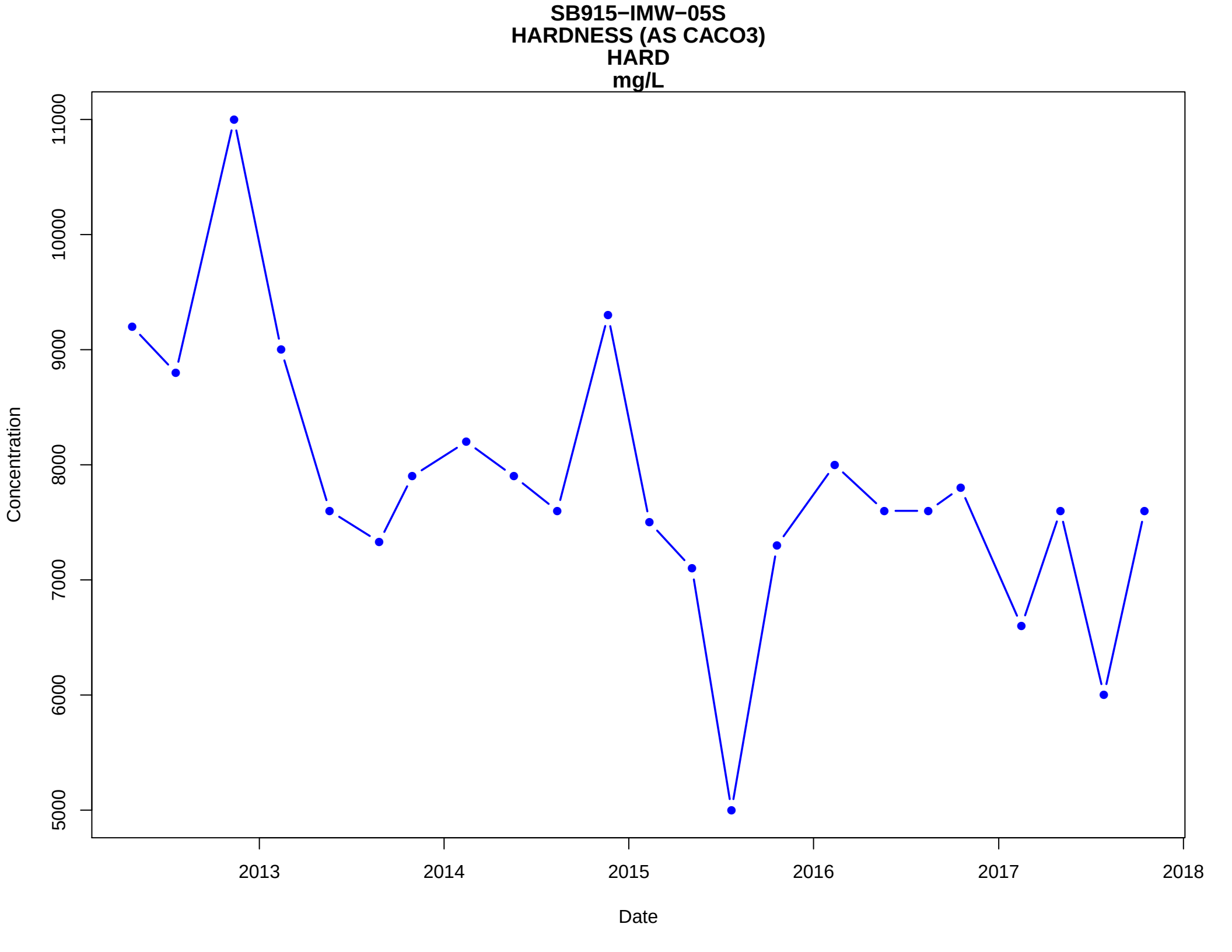

SB915−IMW−05S
Chloride
16887−00−6
mg/l
Concentration
11000
10000
9000
8000
7000
6000
J
J
2013
2014
2015
2016
2017
2018
Date

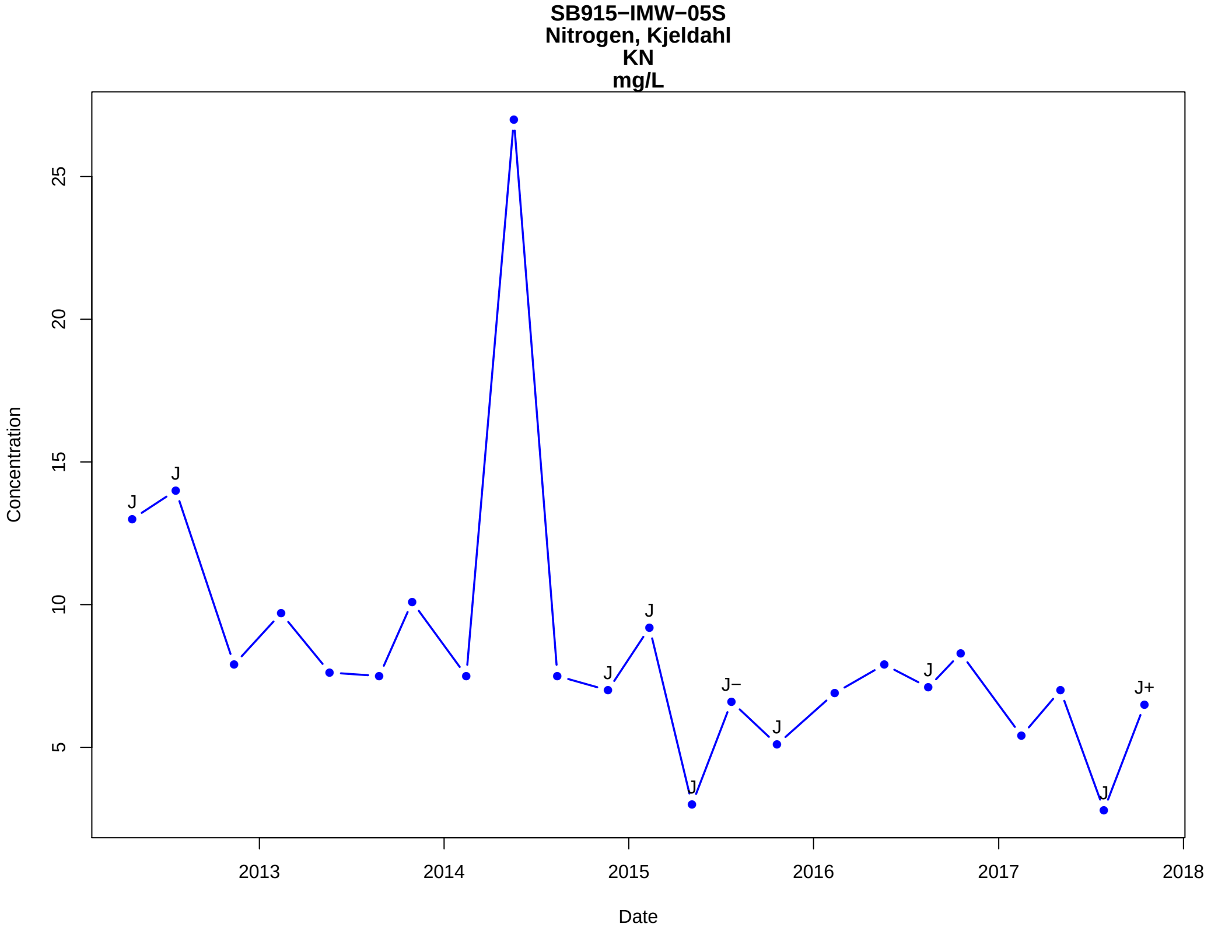

SB915−IMW−05S
Potassium
7440−09−7
mg/L
Concentration
110
120
130
140
150
160
170
J
J
J
2013
2014
2015
2016
2017
2018
Date

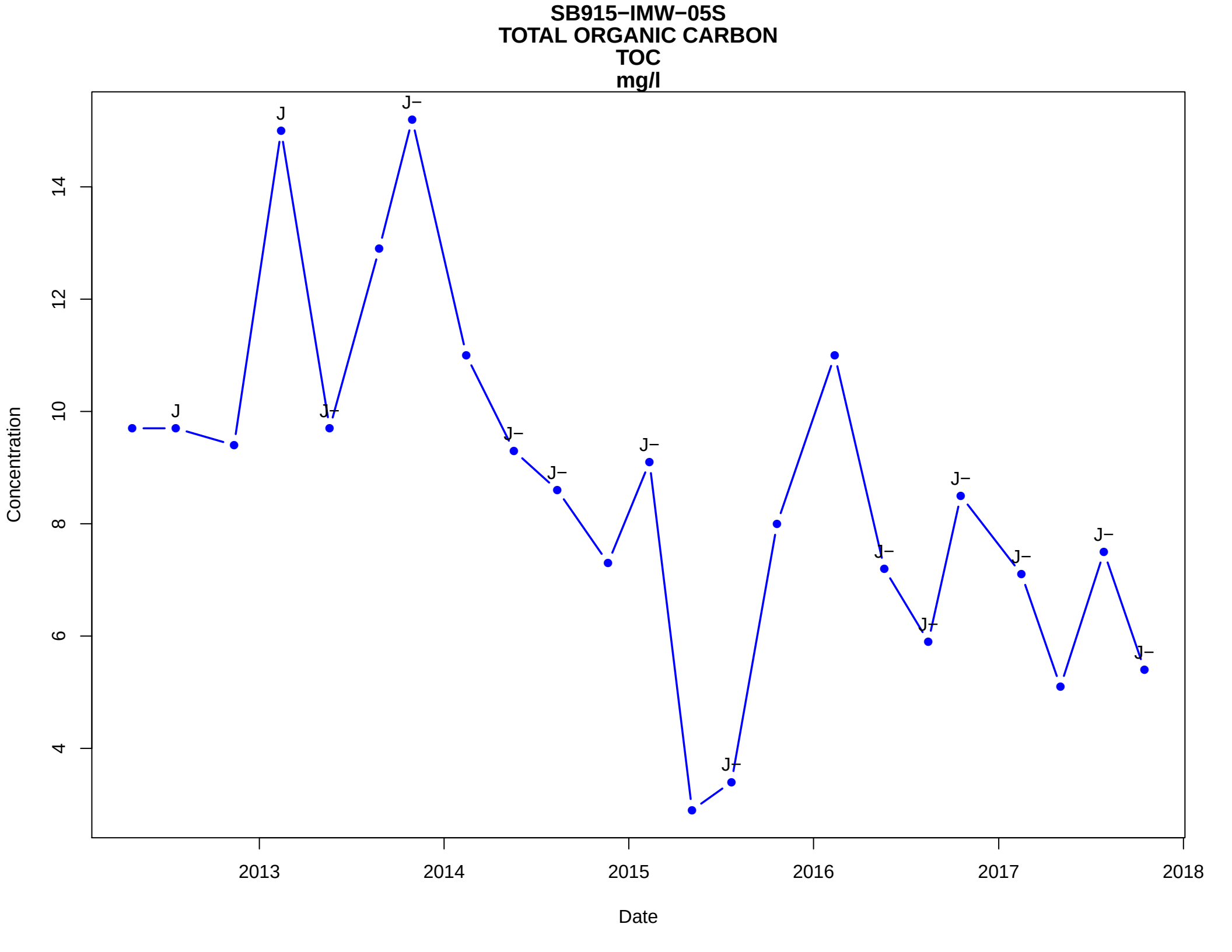

SB915−IMW−05S
Sodium
7440−23−5
mg/L
Concentration
1800
1600
1400
1200
1000
J
J
J
2013
2014
2015
2016
2017
2018
Date

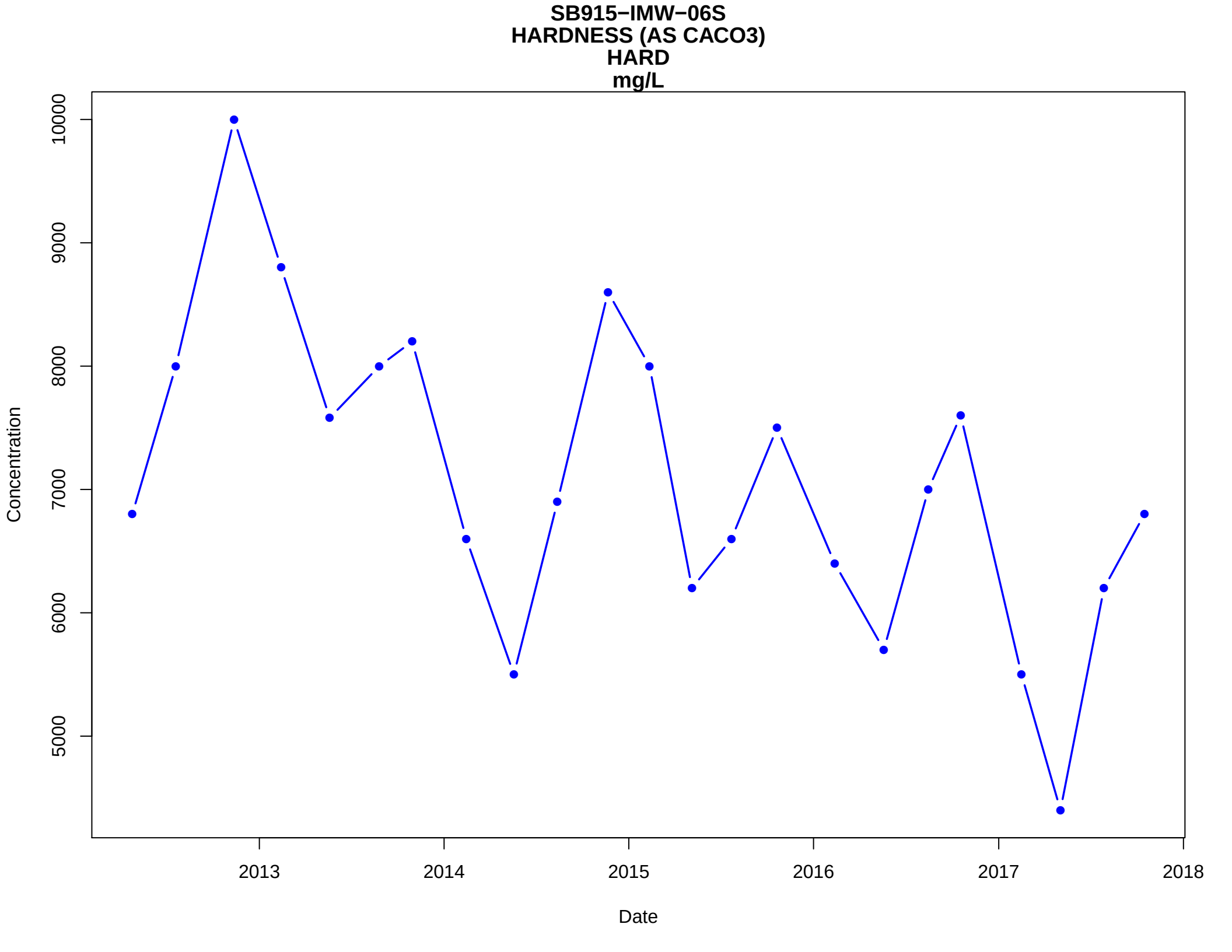

SB915−IMW−05S
Calcium
7440−70−2
mg/L
Concentration
3500
3000
2500
2000
2013
2014
2015
2016
2017
2018
Date

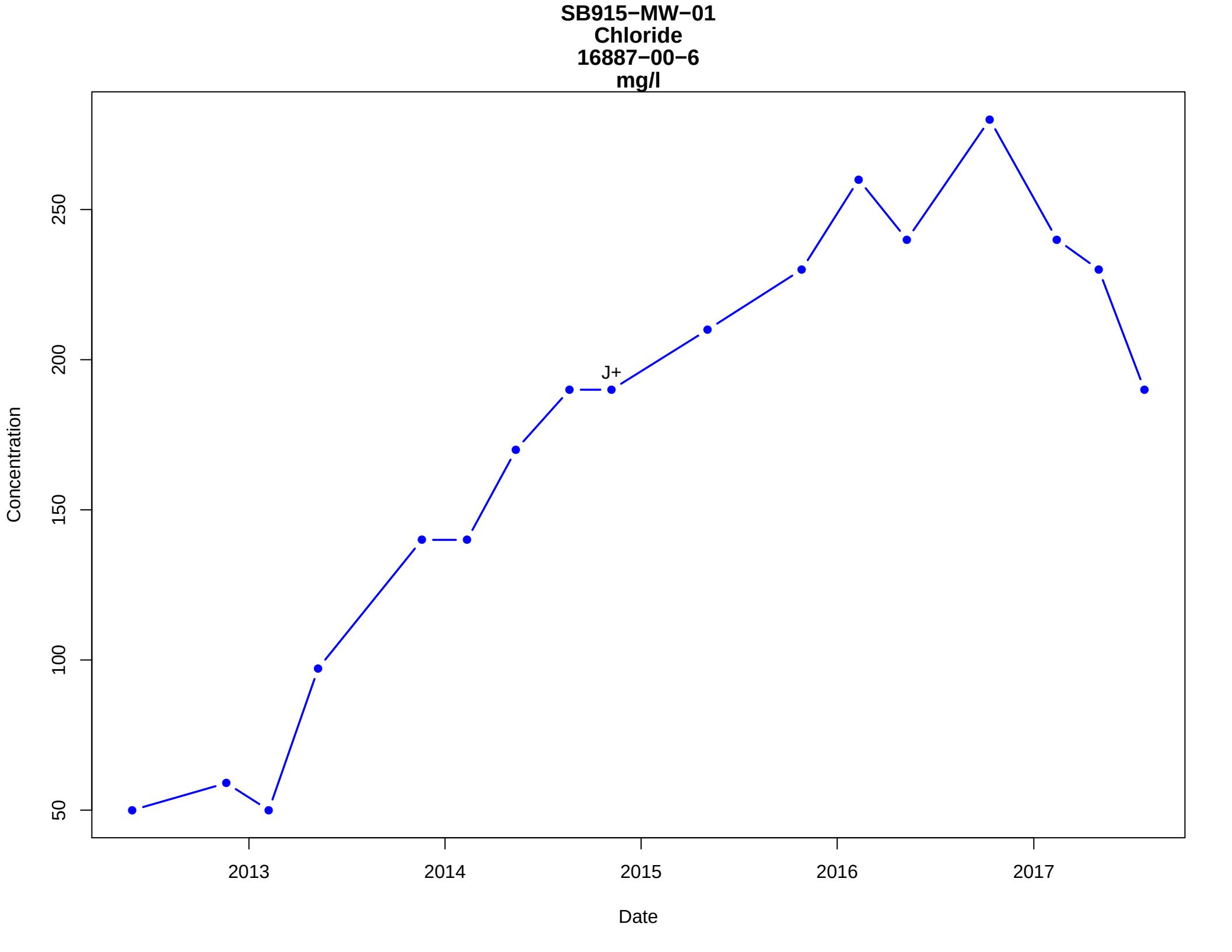

SB915−IMW−05S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
J−
J
J
J
J−
J−
J−
J−
J−
J+
2013
2014
2015
2016
2017
2018
Date

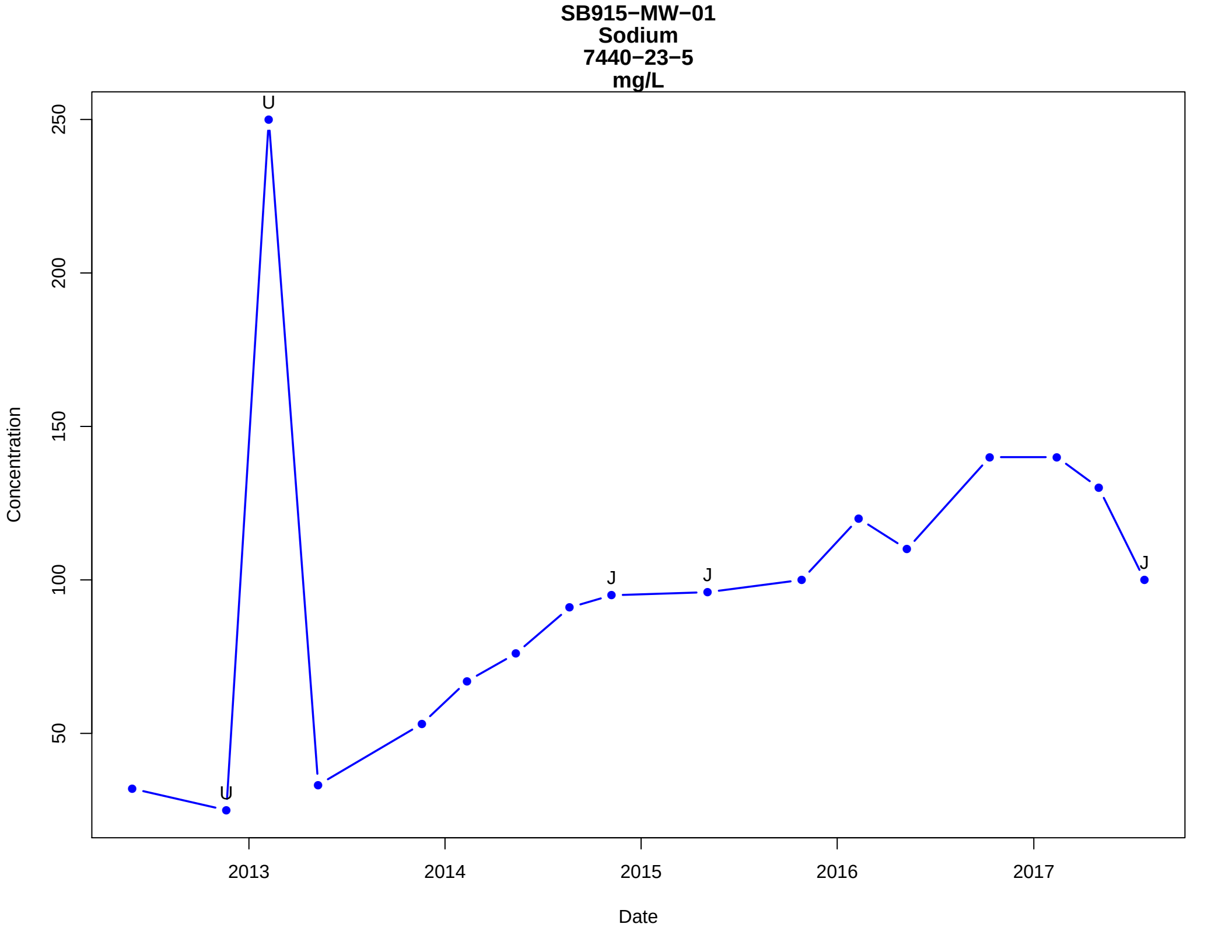

SB915−IMW−05S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
11000
10000
9000
8000
7000
6000
5000
2013
2014
2015
2016
2017
2018
Date

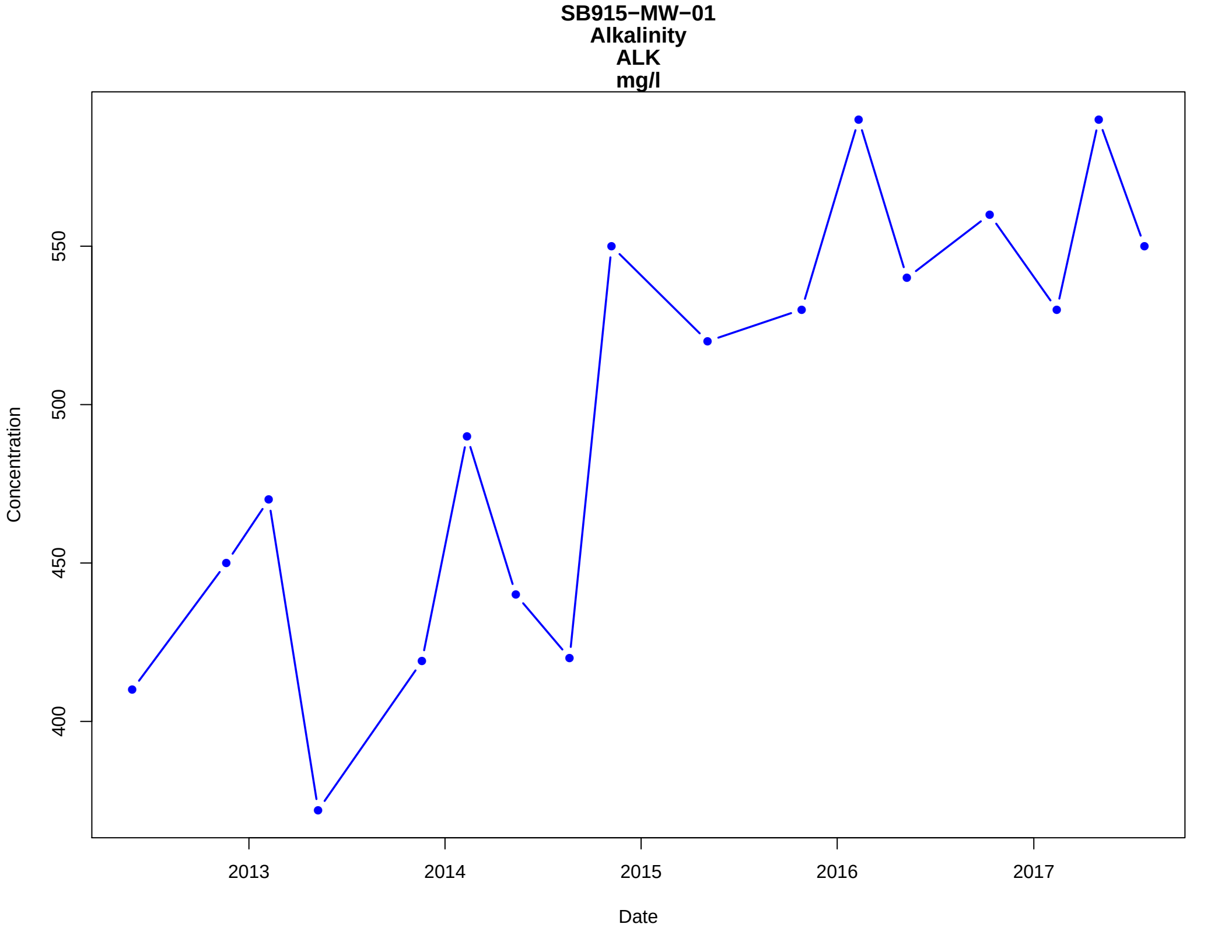

SB915−IMW−05S
Nitrogen, Kjeldahl
KN
mg/L
Concentration
5
10
15
20
25
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J−
J
J
J+
J

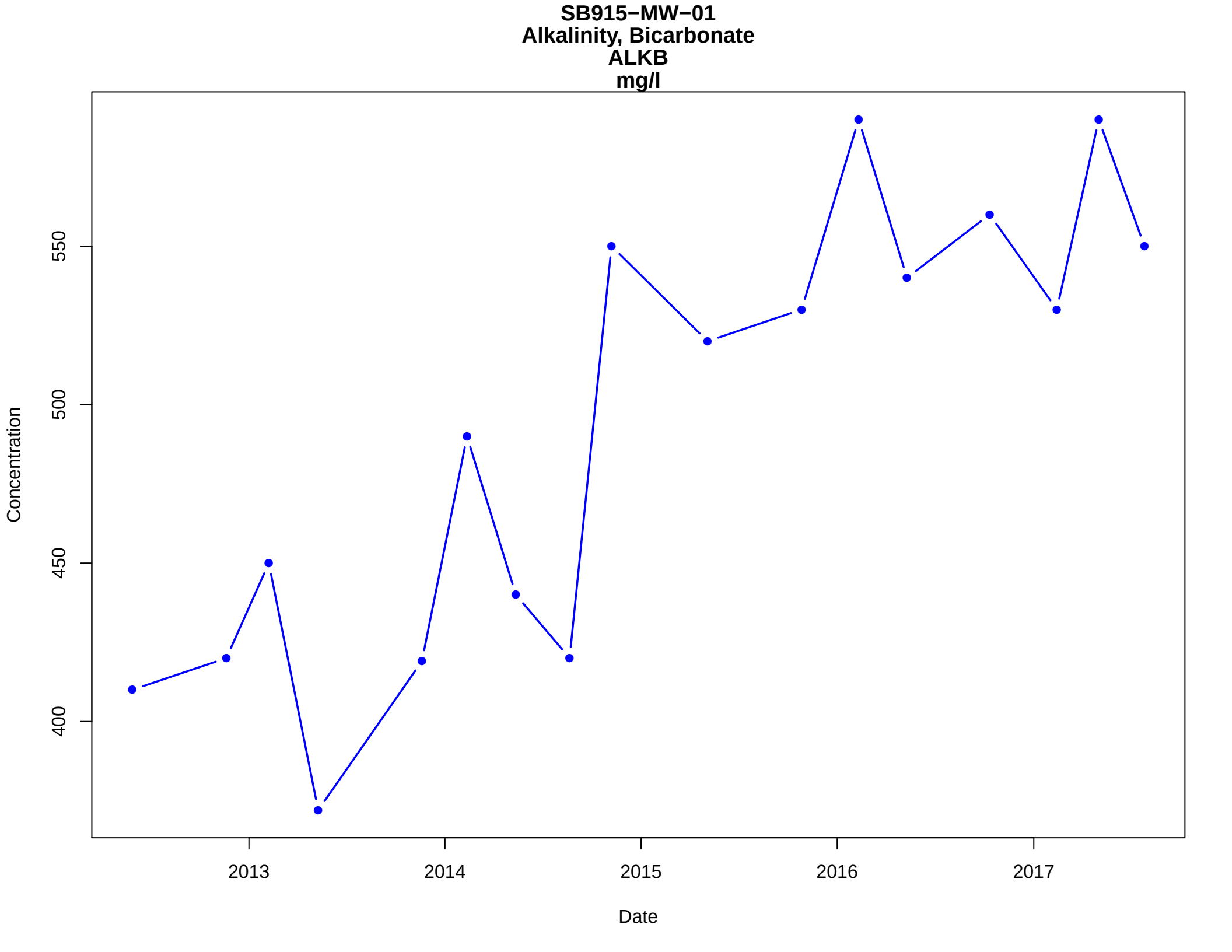

SB915−IMW−05S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
4
6
8
10
12
14
2013
2014
2015
2016
2017
2018
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−

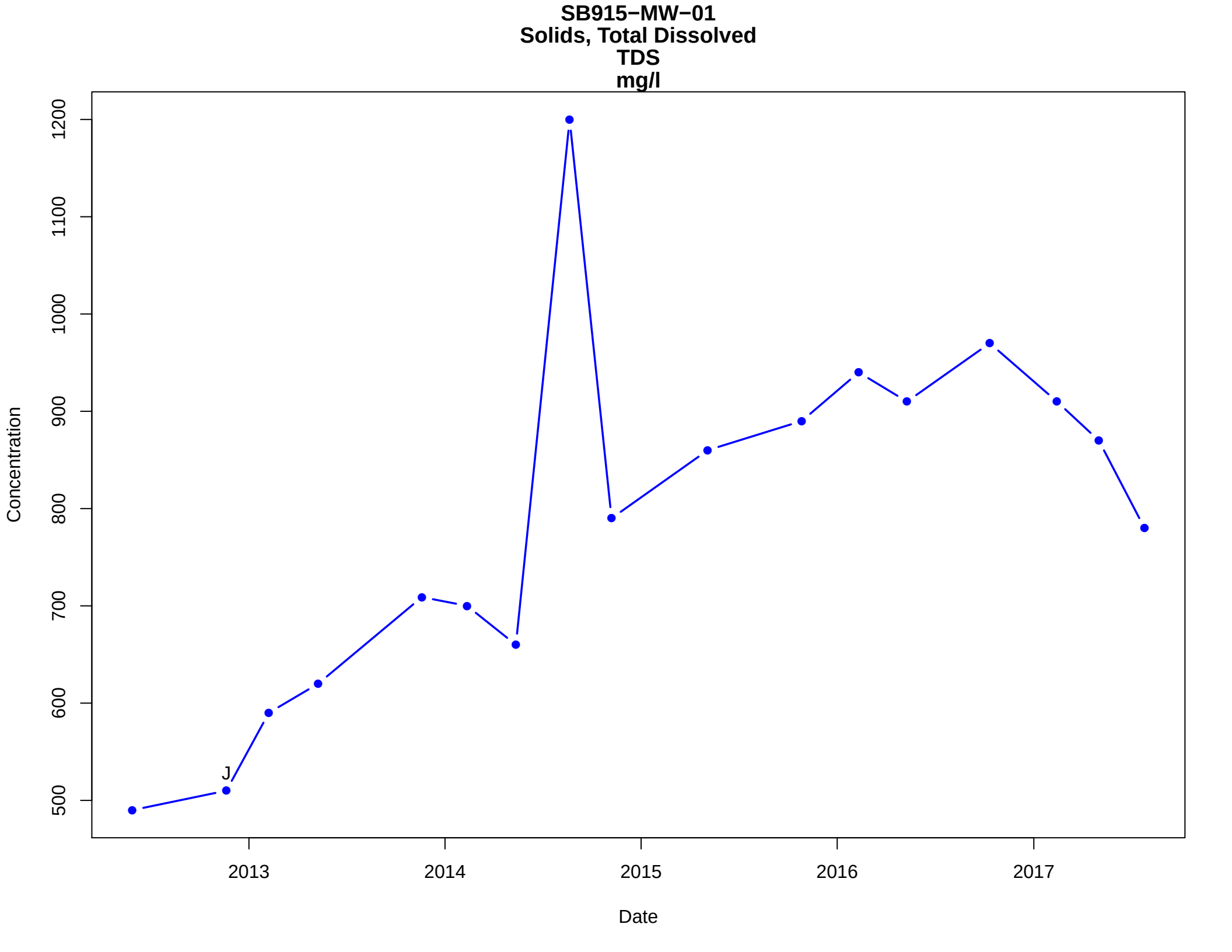

SB915−IMW−06S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
10000
9000
8000
7000
6000
5000
2013
2014
2015
2016
2017
2018
Date

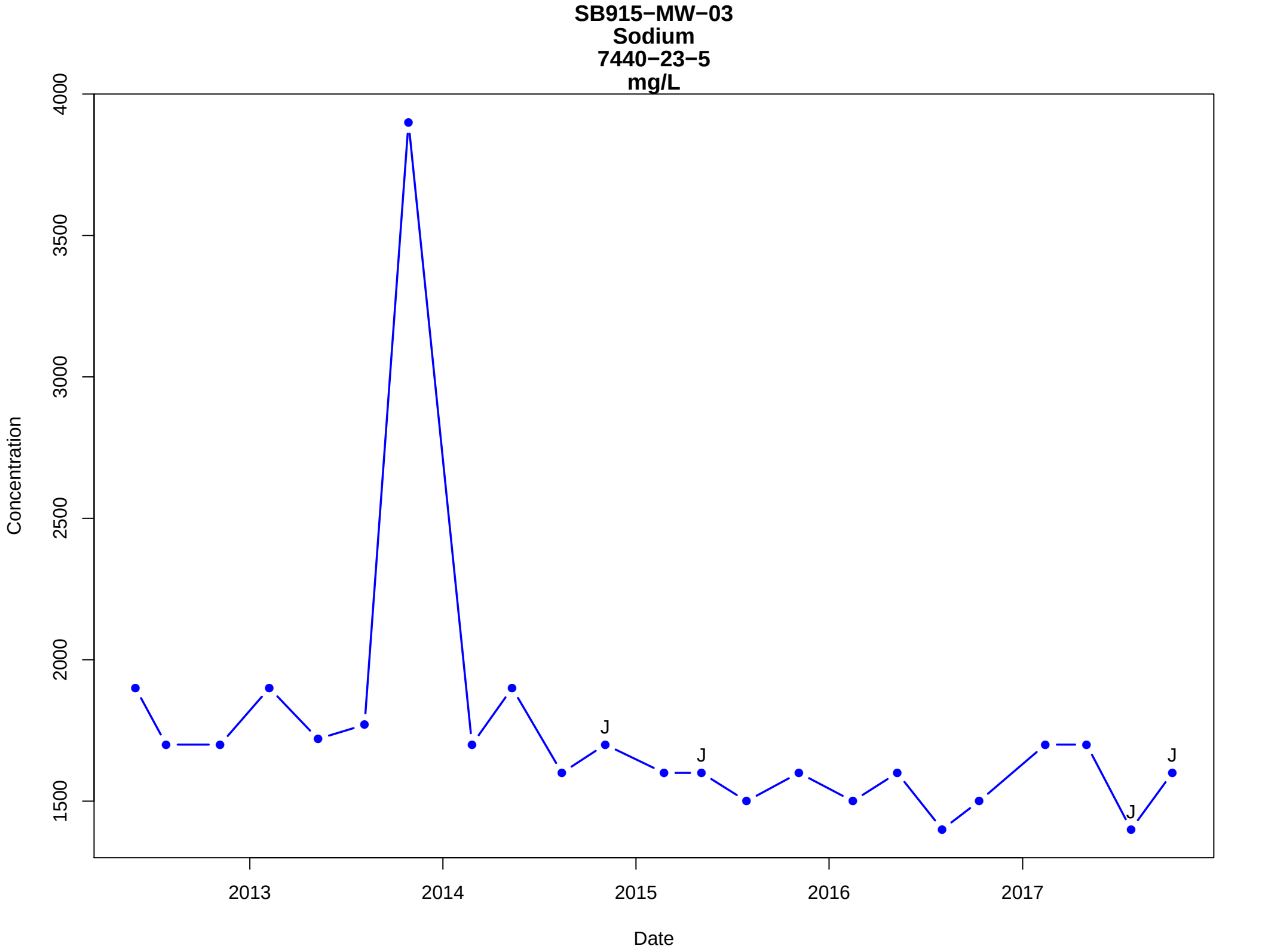

SB915−MW−01
Chloride
16887−00−6
mg/l
Concentration
50
100
150
200
250
J+
2013
2014
2015
2016
2017
Date

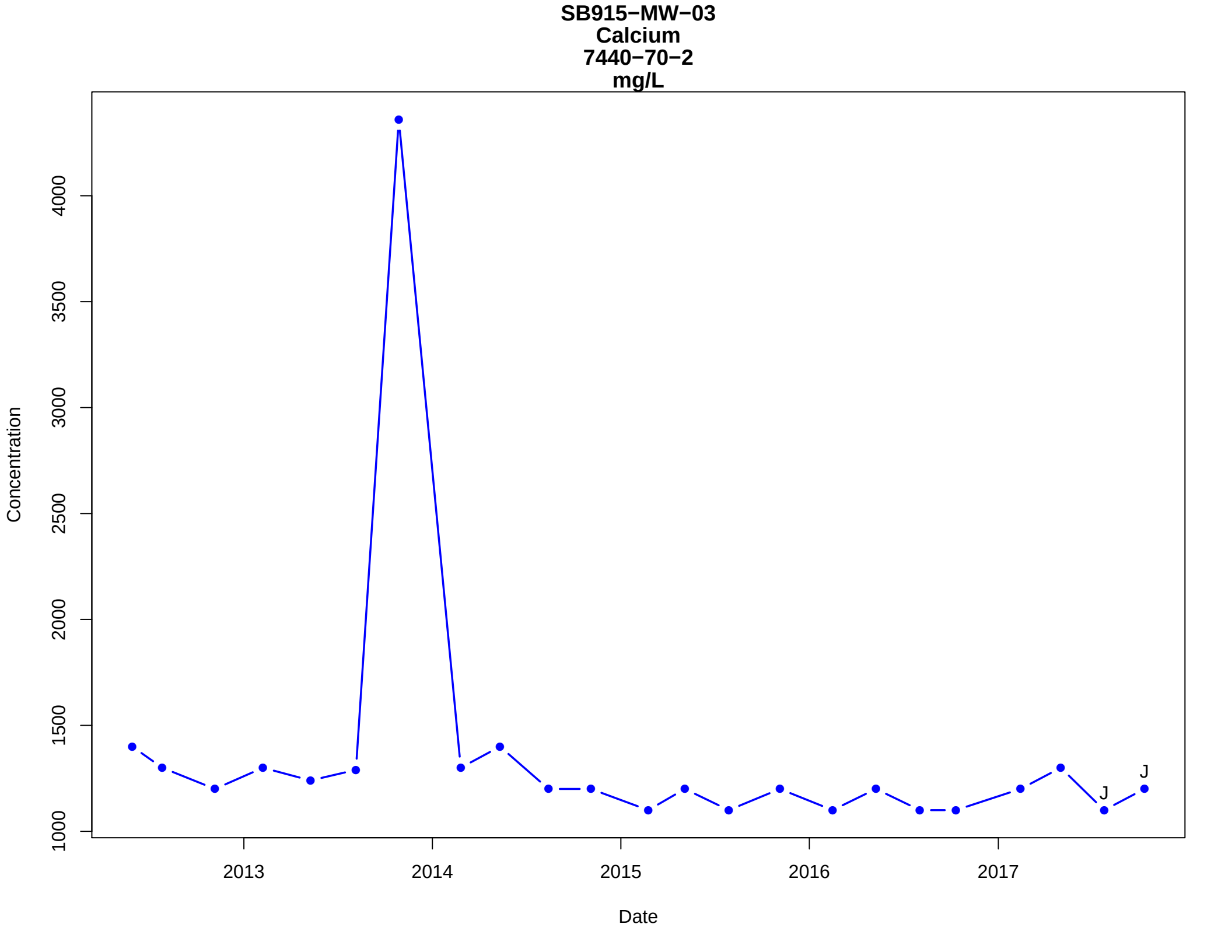

SB915−MW−01
Sodium
7440−23−5
mg/L
Concentration
250
200
150
100
50
U
U
J
J
J
2013
2014
2015
2016
2017
Date

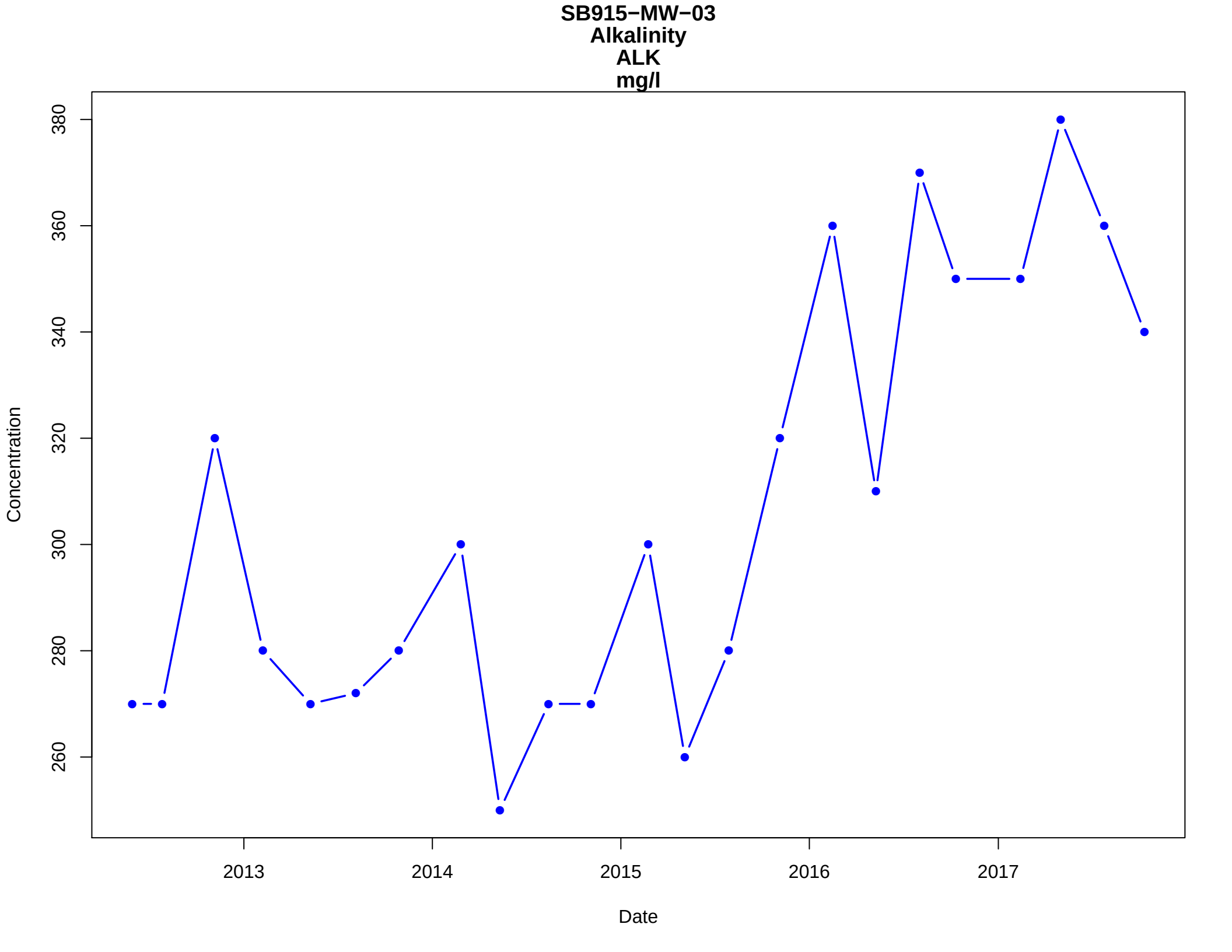

SB915−MW−01
Alkalinity
ALK
mg/l
Concentration
400
450
500
550
2013
2014
2015
2016
2017
Date

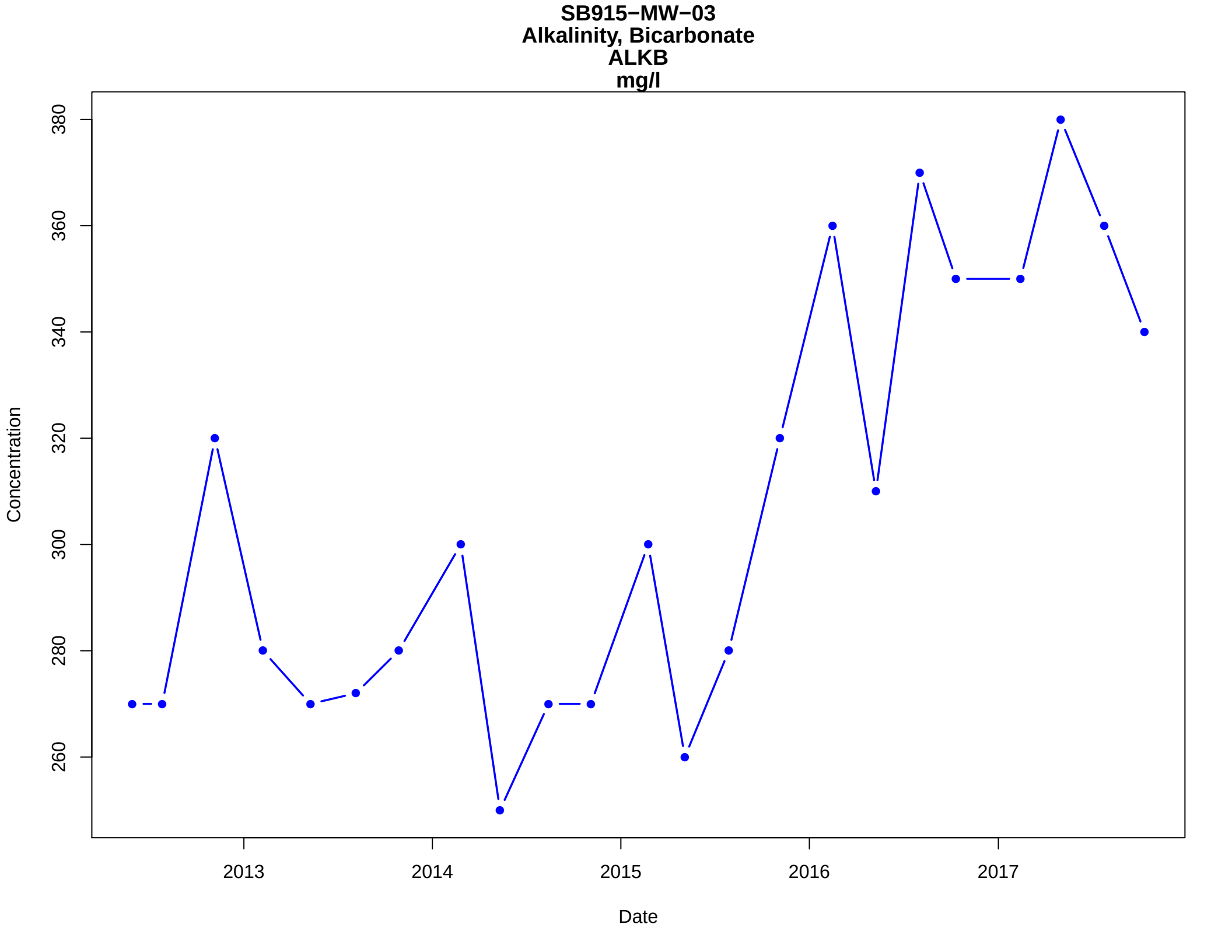

SB915−MW−01
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
400
450
500
550
2013
2014
2015
2016
2017
Date

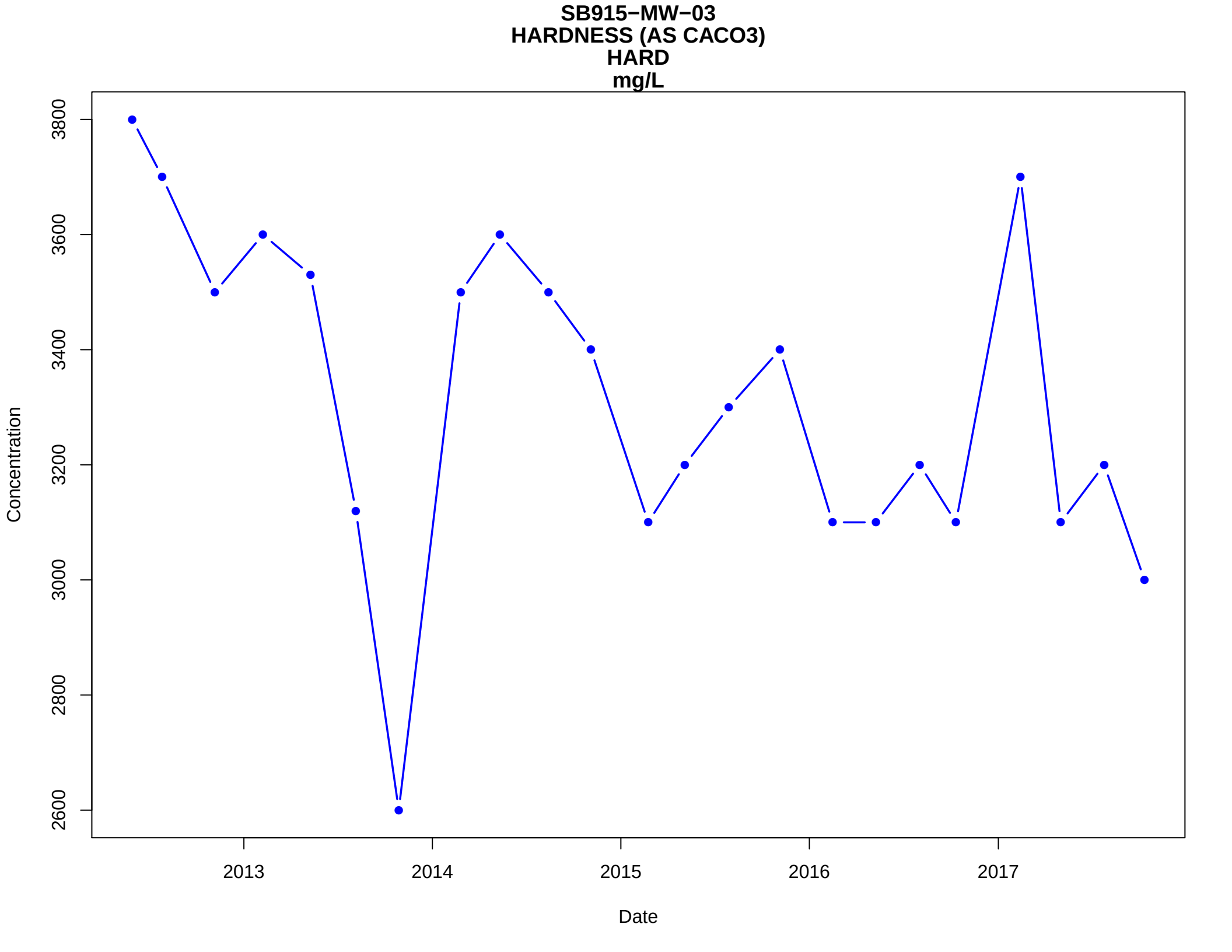

SB915−MW−01
Solids, Total Dissolved
TDS
mg/l
Concentration
500
600
700
800
900
1000
1100
1200
J
2013
2014
2015
2016
2017
Date

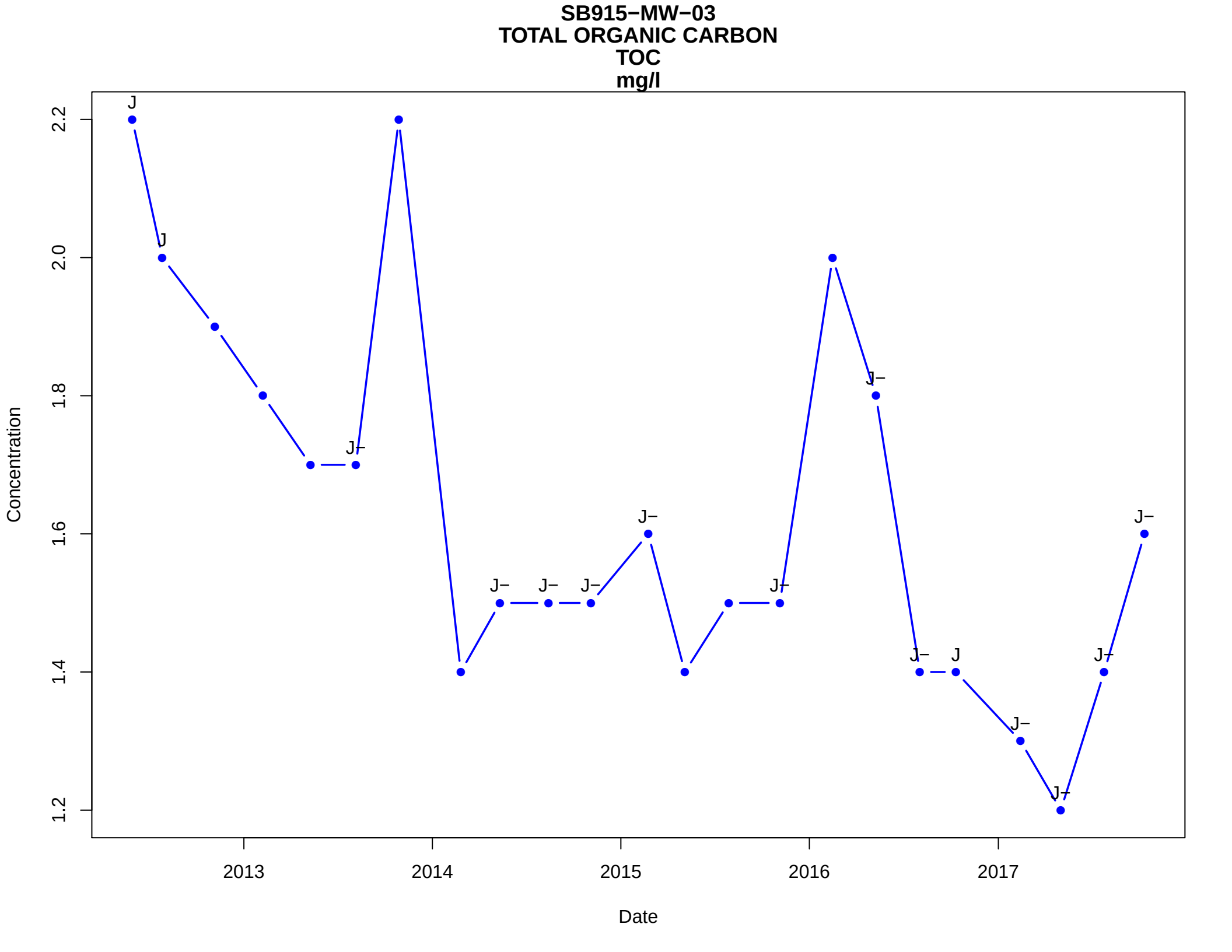

SB915−MW−03
Sodium
7440−23−5
mg/L
Concentration
4000
3500
3000
2500
2000
1500
J
J
J
J
2013
2014
2015
2016
2017
Date

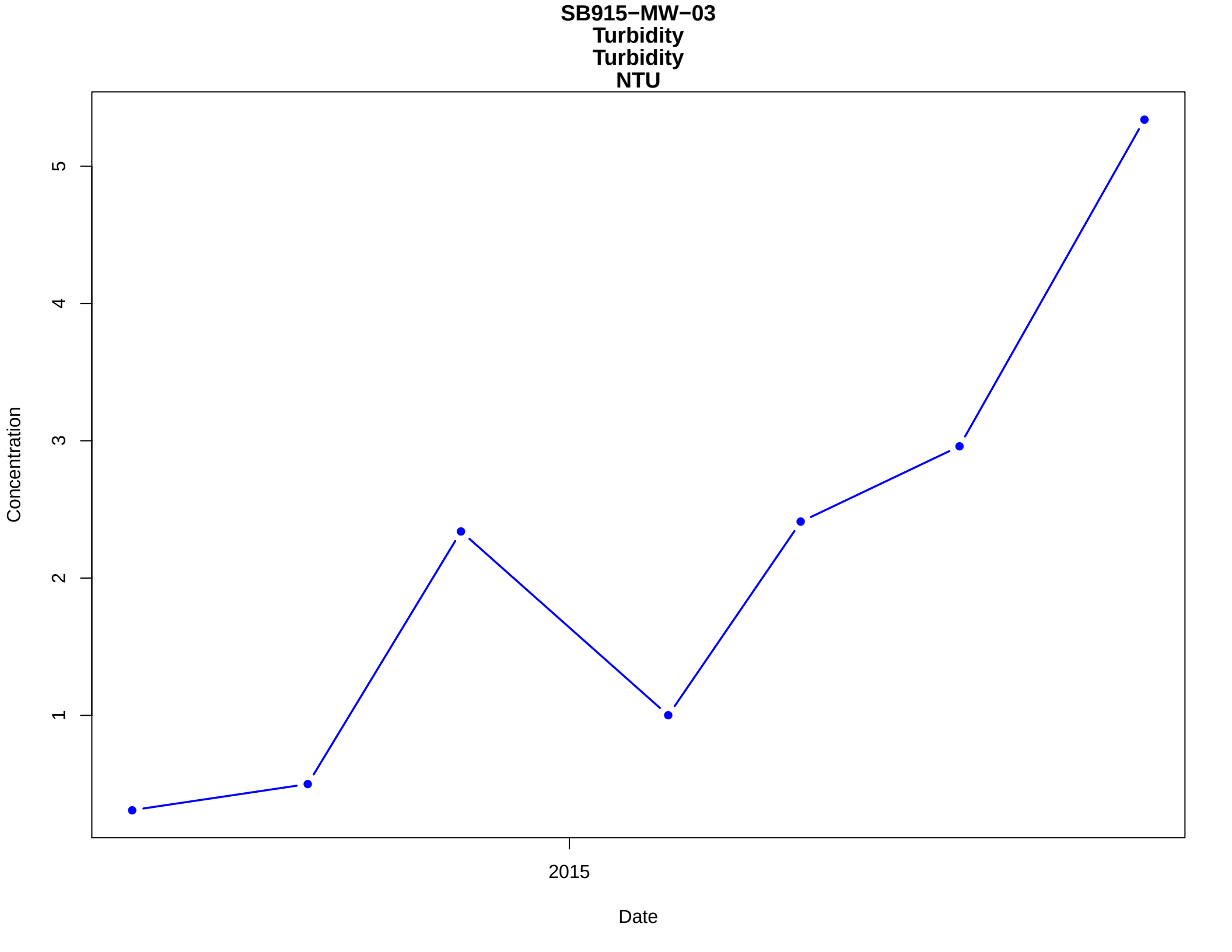

SB915−MW−03
Calcium
7440−70−2
mg/L
Concentration
1000
1500
2000
2500
3000
3500
4000
2013
2014
2015
2016
2017
Date
J
J

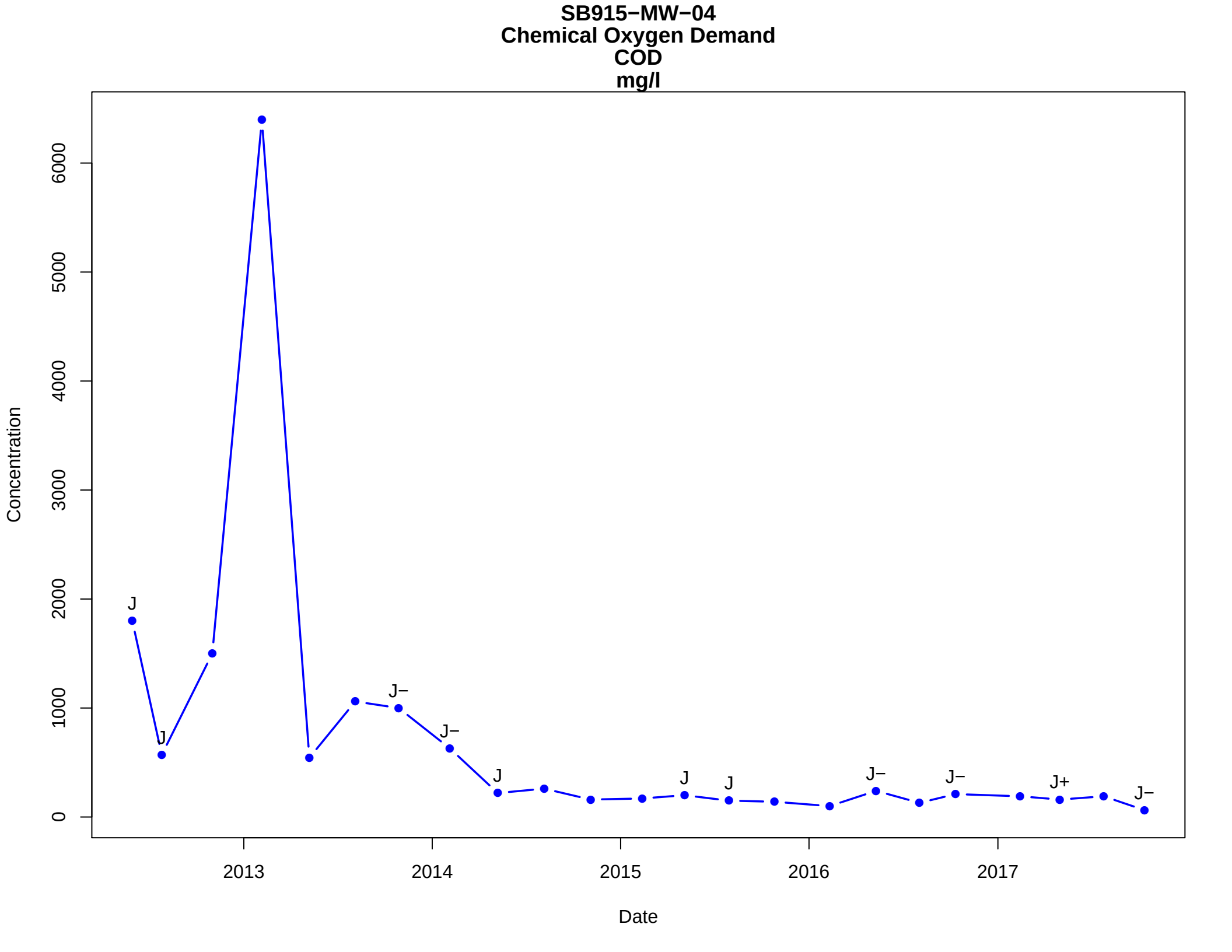

SB915−MW−03
Alkalinity
ALK
mg/l
Concentration
260
280
300
320
340
360
380
2013
2014
2015
2016
2017
Date

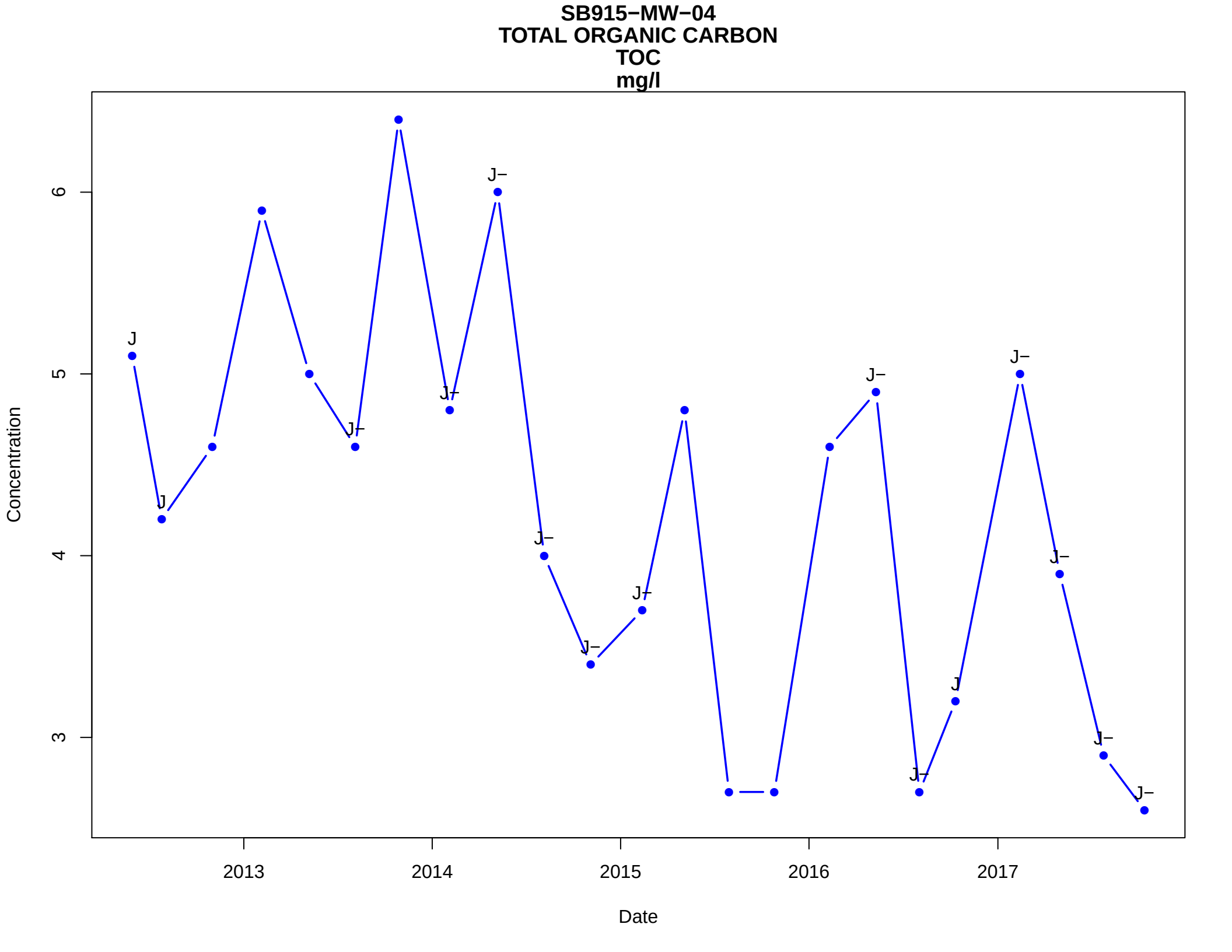

SB915−MW−03
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
260
280
300
320
340
360
380
2013
2014
2015
2016
2017
Date

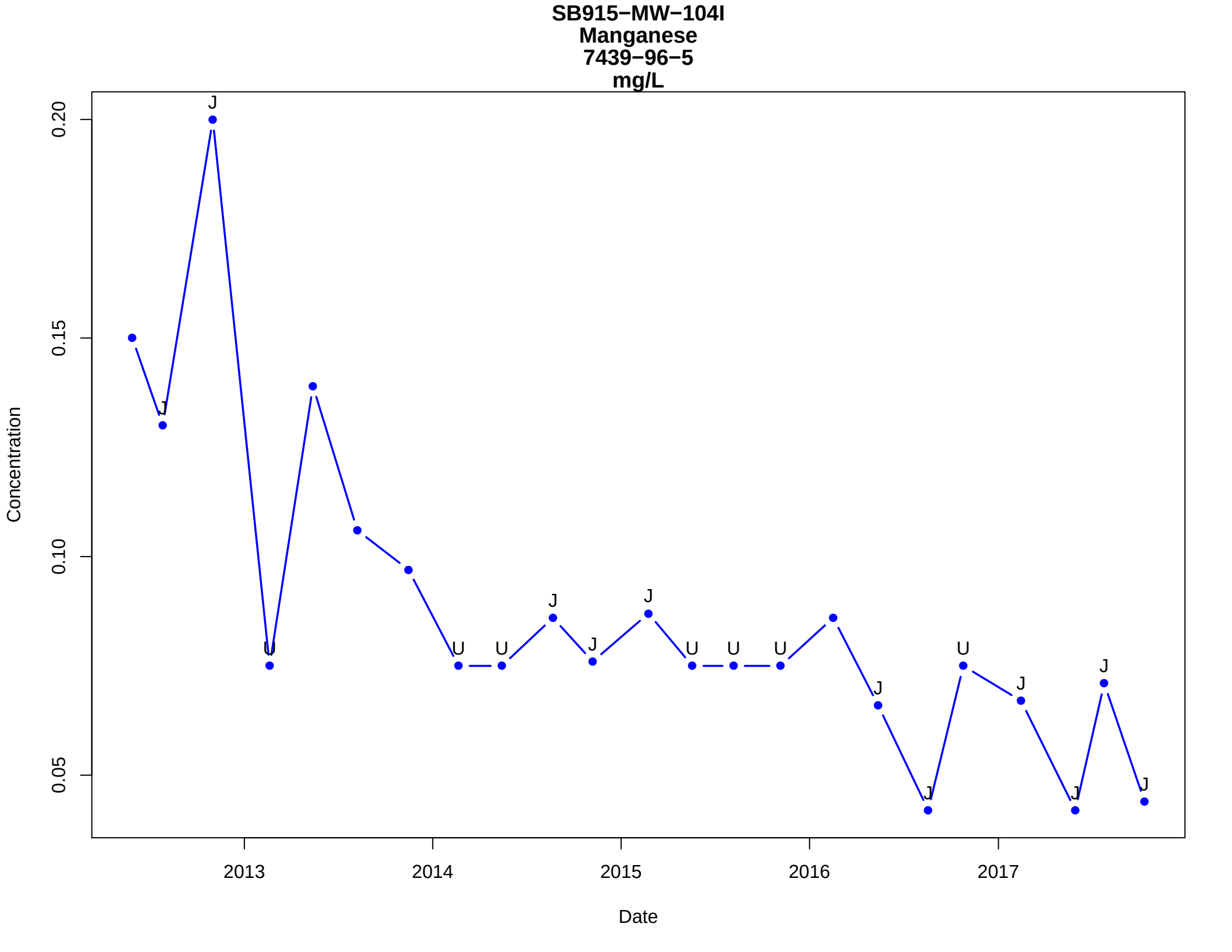

SB915−MW−03
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
3800
3600
3400
3200
3000
2800
2600
2013
2014
2015
2016
2017
Date

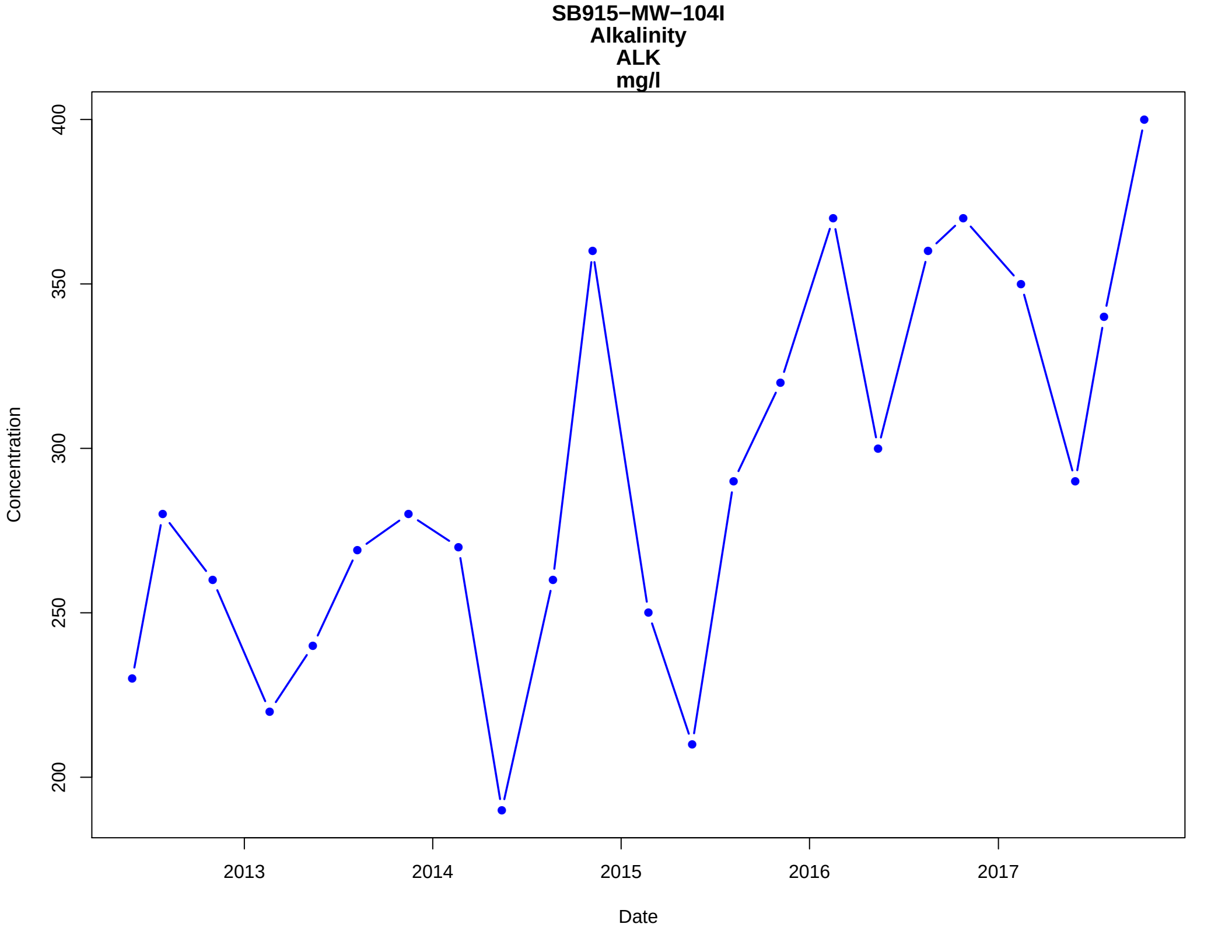

SB915−MW−03
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2.2
2.0
1.8
1.6
1.4
1.2
2013
2014
2015
2016
2017
J
J
J−
J−
J−
J−
J−
J−
J
J−
J−
J−
J−

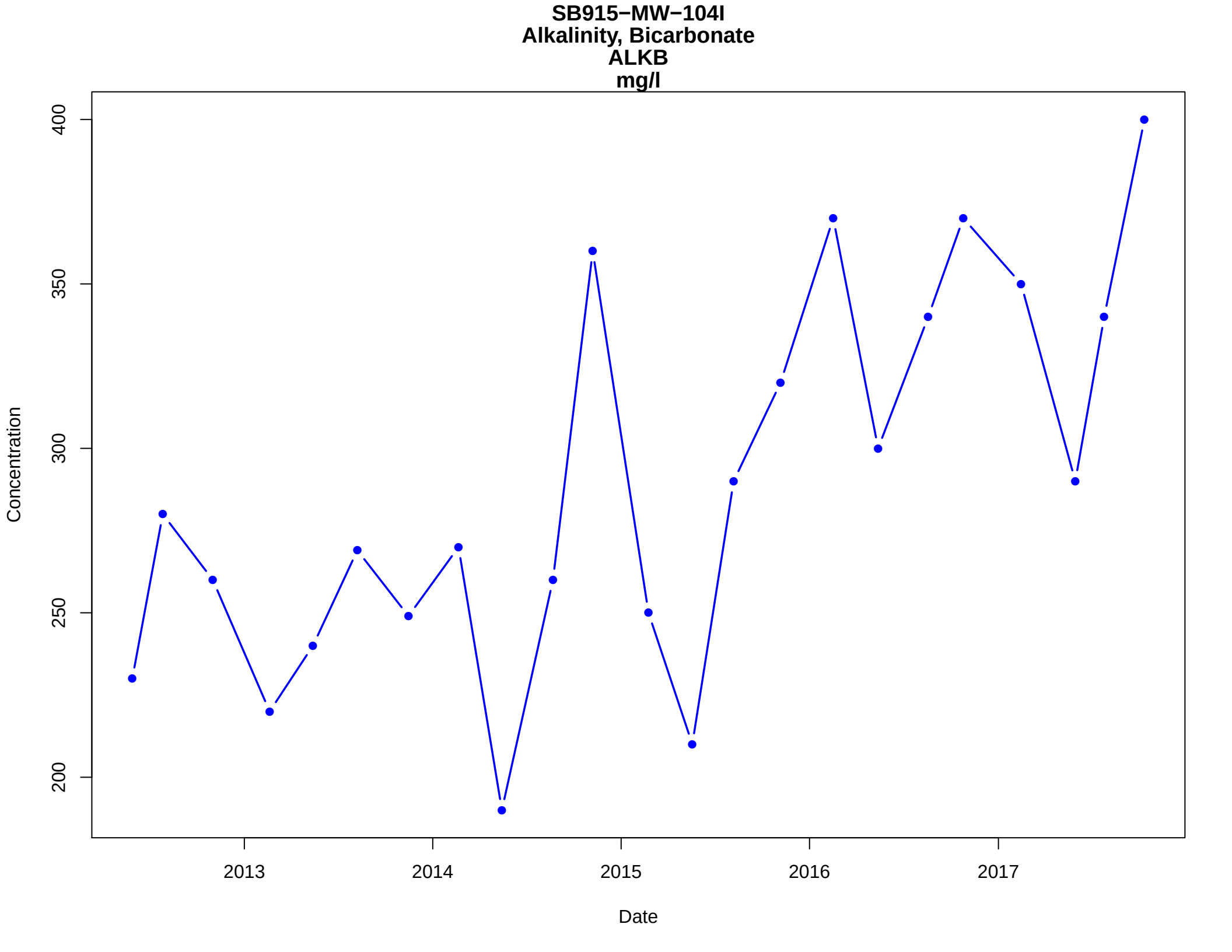

SB915−MW−03
Turbidity
Turbidity
NTU
Concentration
1
2
3
4
5
2015
Date

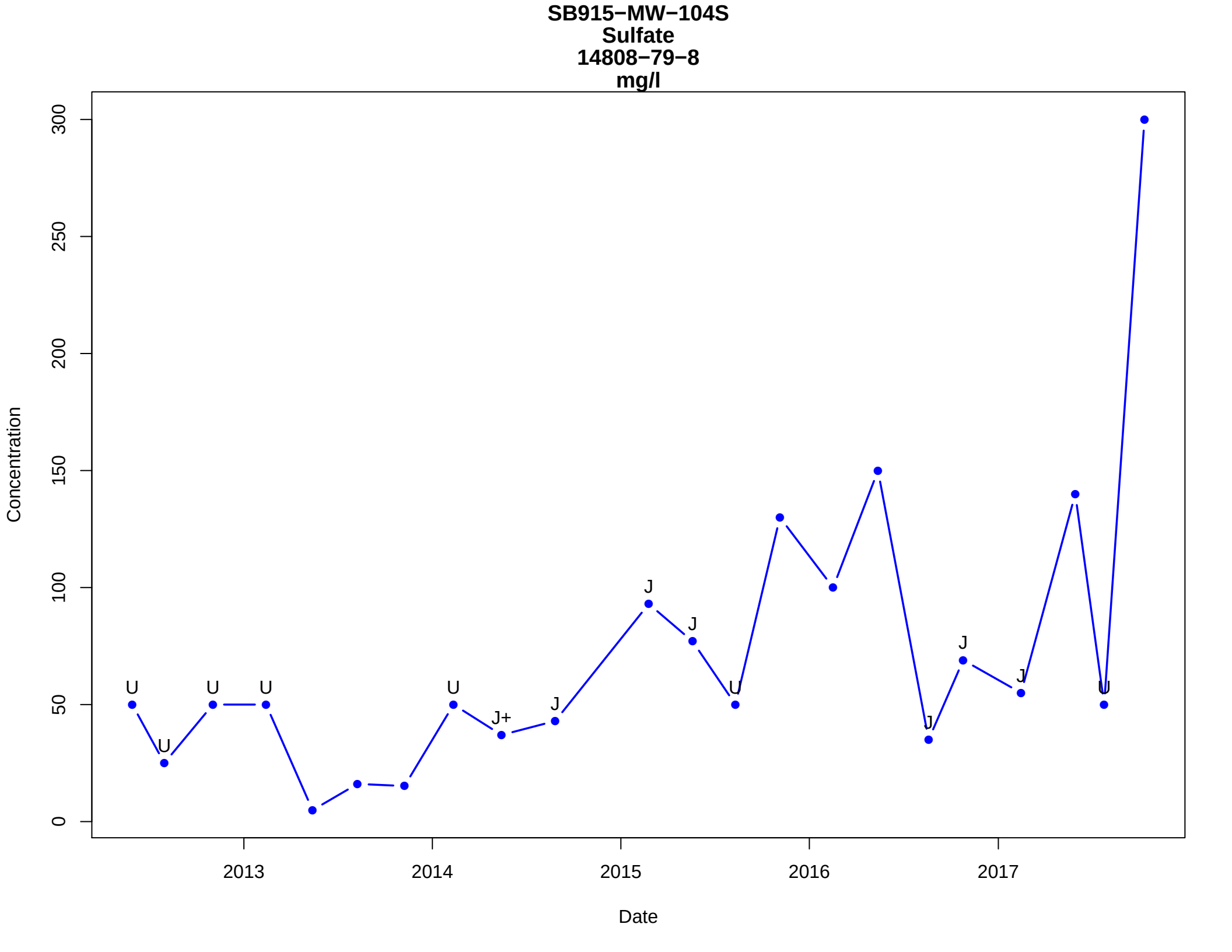

SB915−MW−04
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
6000
J
J
J−
J−
J
J
J
J−
J−
J+
J−
2013
2014
2015
2016
2017
Date

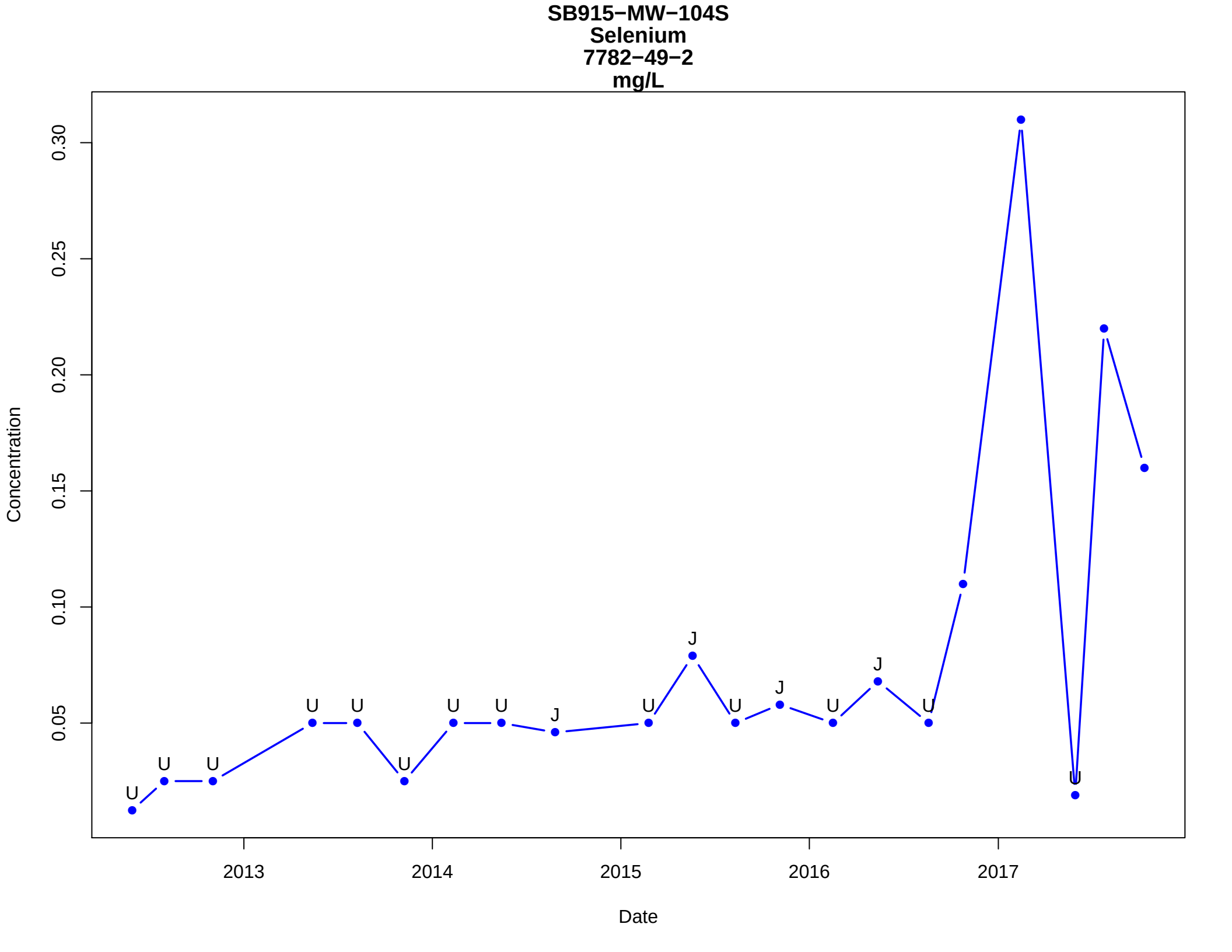

SB915−MW−04
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
3
4
5
6
2013
2014
2015
2016
2017
Date
J
J
J−
J
J−
J−
J−
J−
J−
J
J−
J−
J−
J
J−
J−
J−

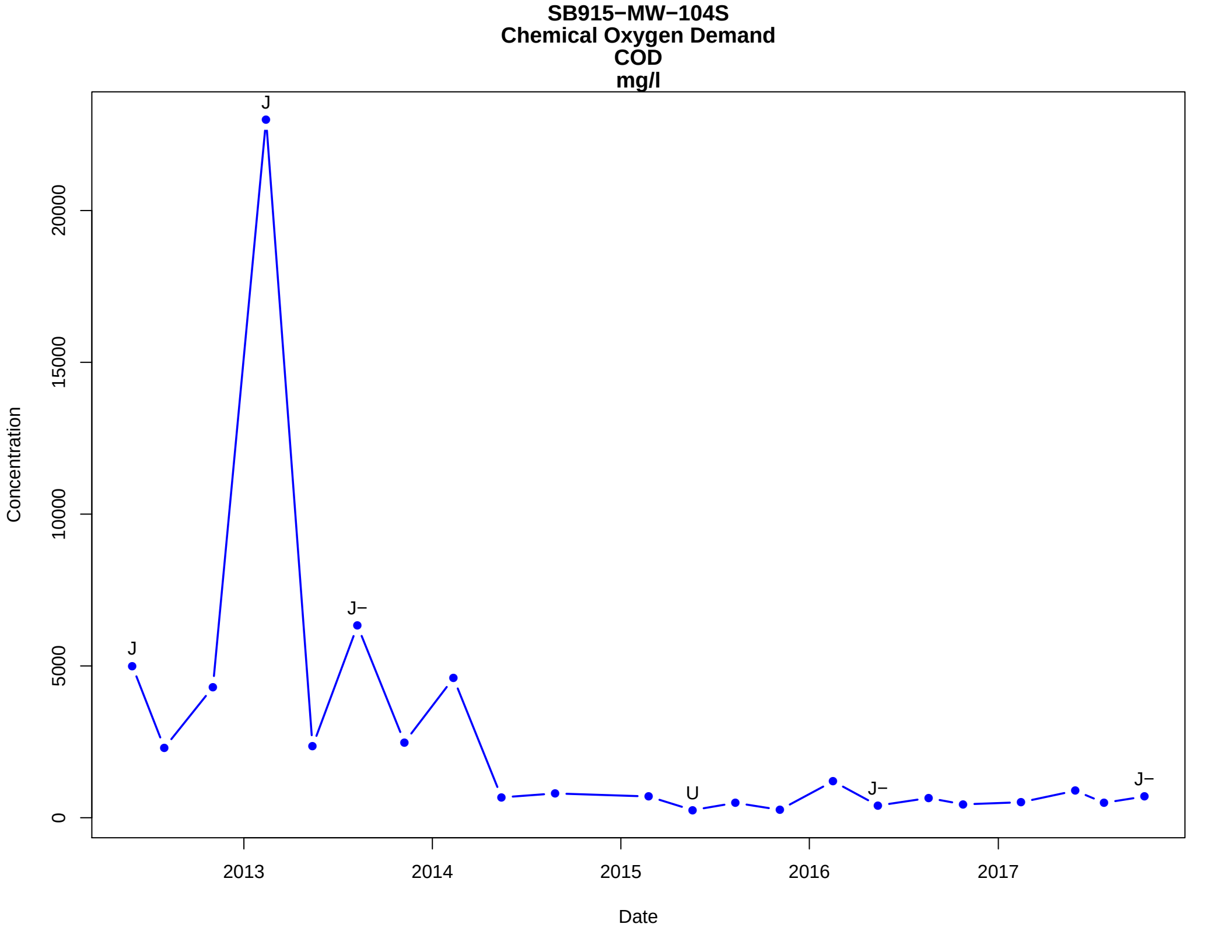

SB915−MW−104I
Manganese
7439−96−5
mg/L
Concentration
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
Date
J
J
J
U
U
U
J
J
J
U
U
U
J
J
U
J
J
J
J

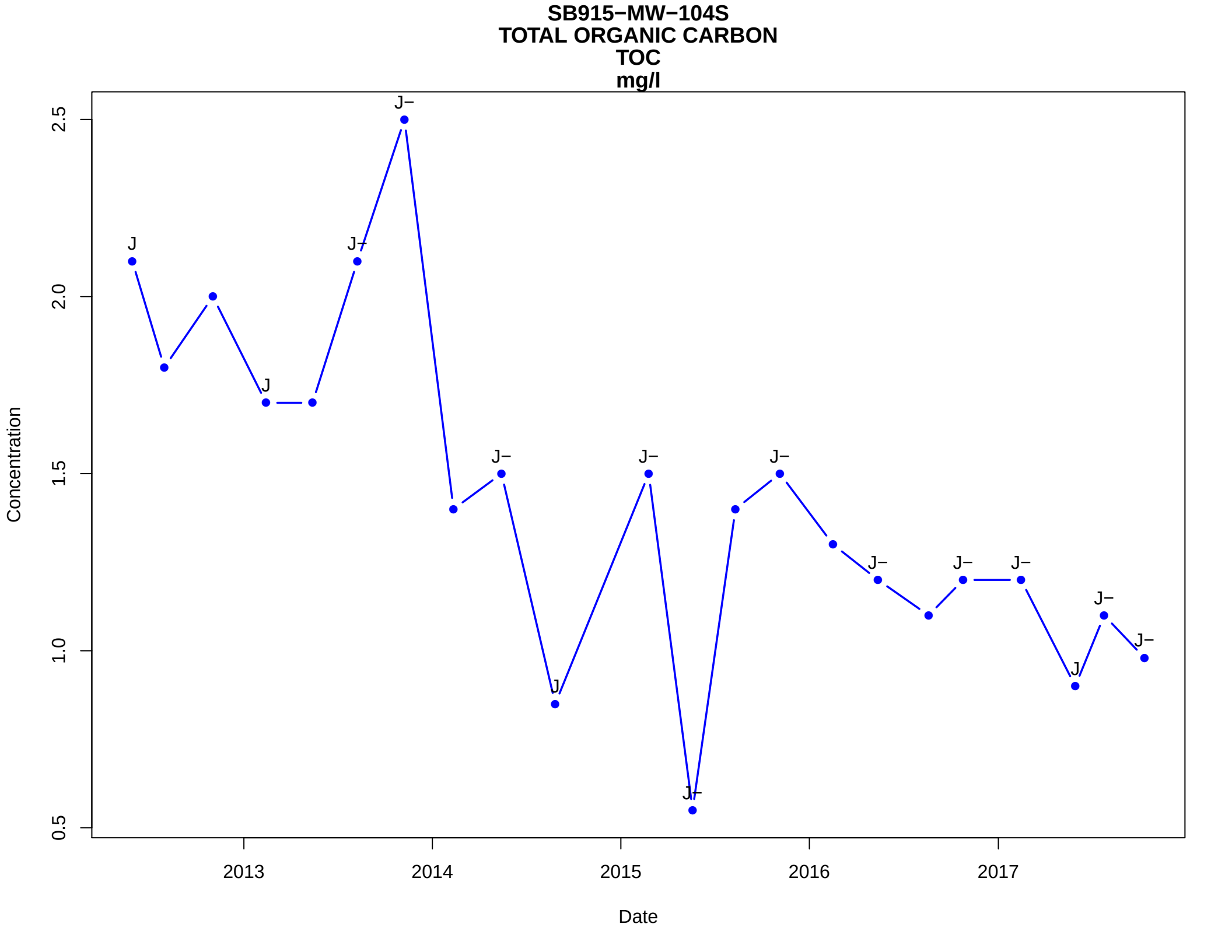

SB915−MW−104I
Alkalinity
ALK
mg/l
Concentration
400
350
300
250
200
2013
2014
2015
2016
2017
Date

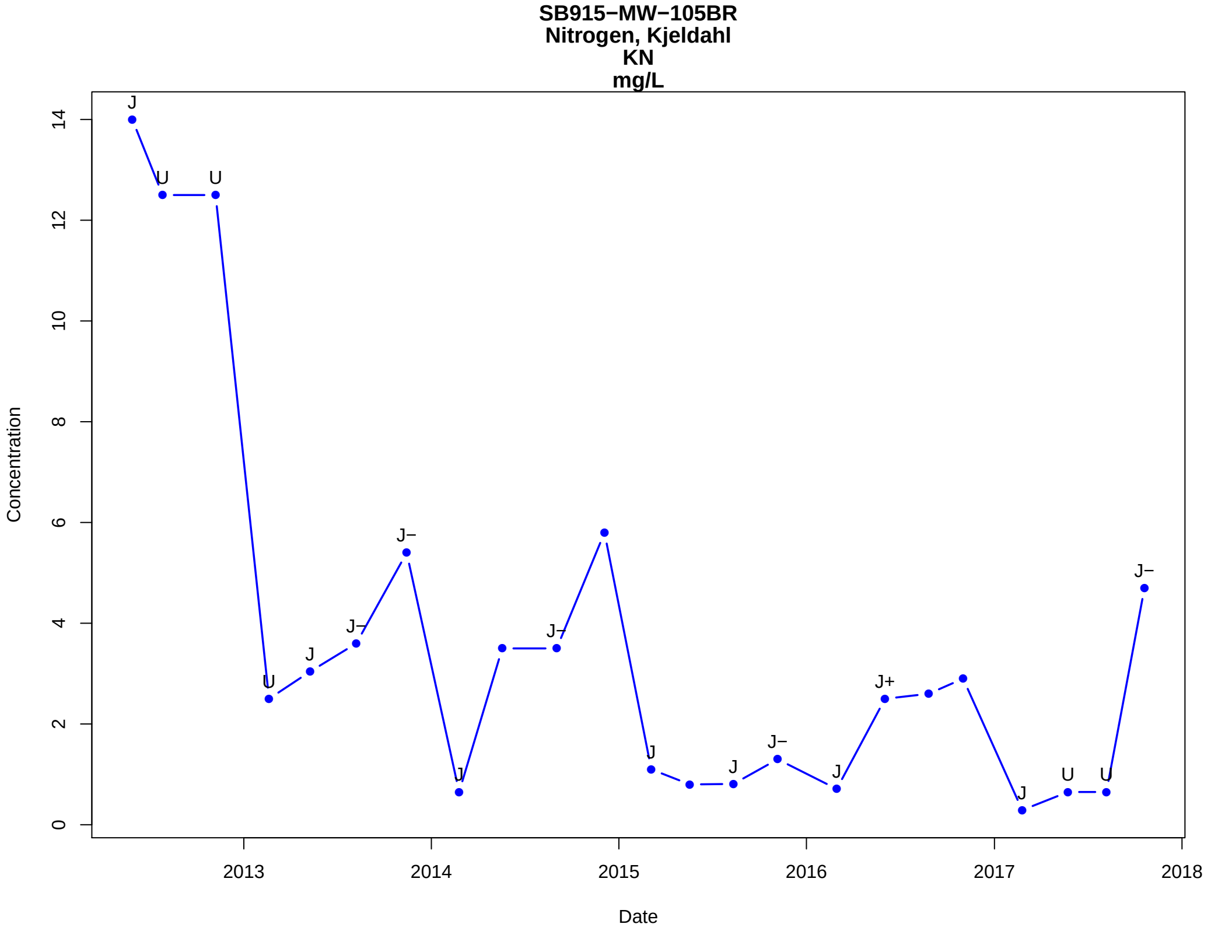

SB915−MW−104I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
400
350
300
250
200
2013
2014
2015
2016
2017
Date

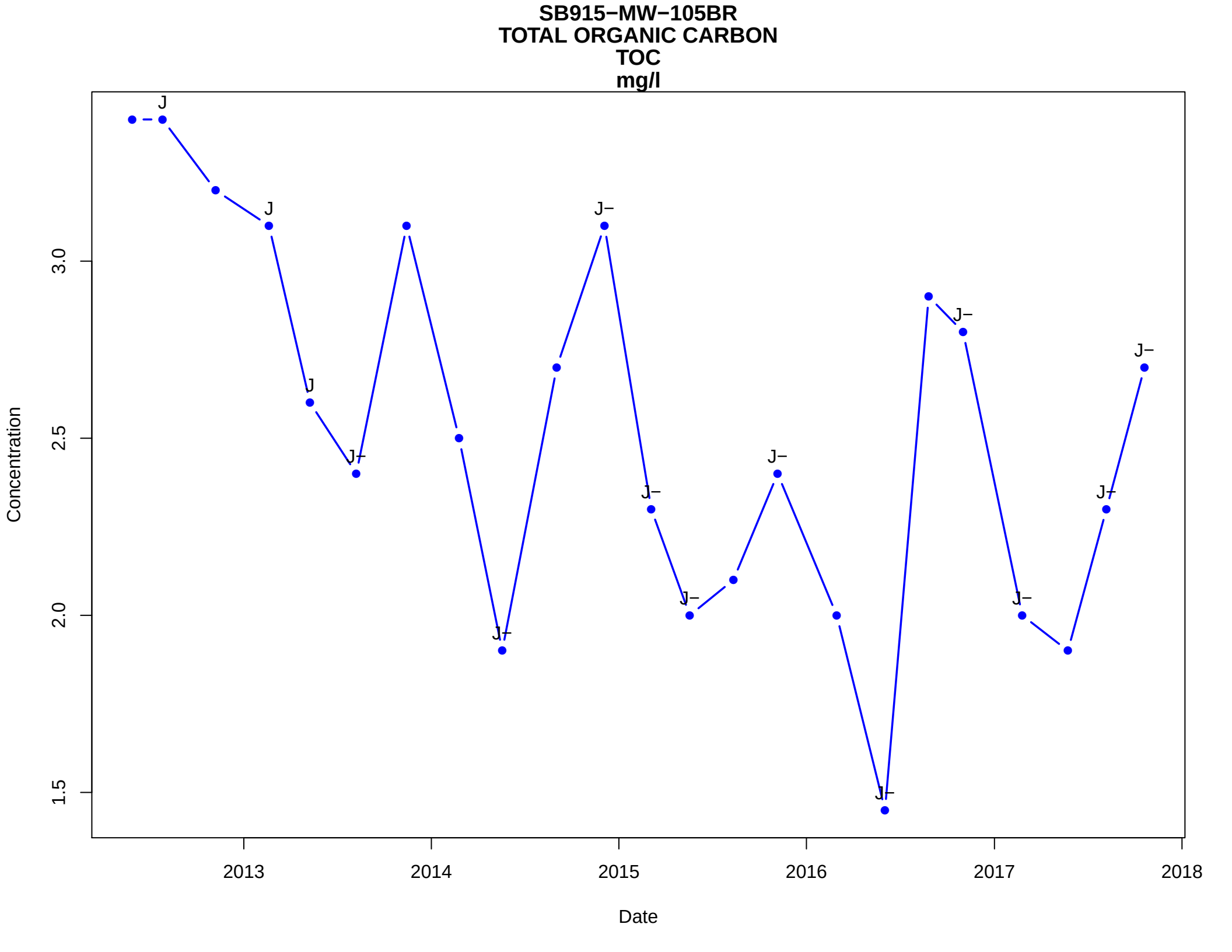

SB915−MW−104S
Sulfate
14808−79−8
mg/l
Concentration
0
50
100
150
200
250
300
2013
2014
2015
2016
2017
Date
U
U
U
U
U
J+
J
J
J
U
J
J
J
U

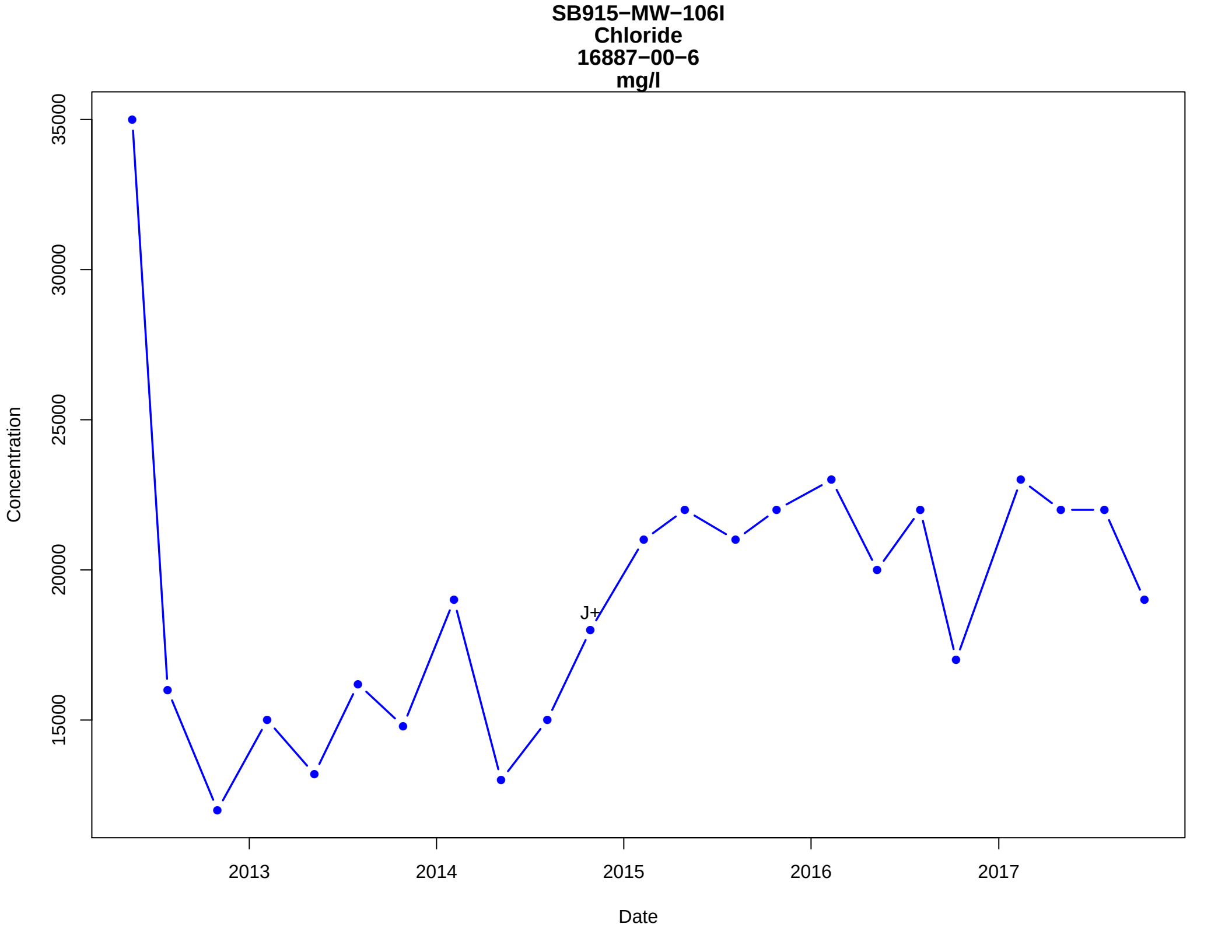

SB915−MW−104S
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
0.30
U
U
U
U
U
U
U
U
J
U
J
U
J
U
J
U
U
2013
2014
2015
2016
2017
Date

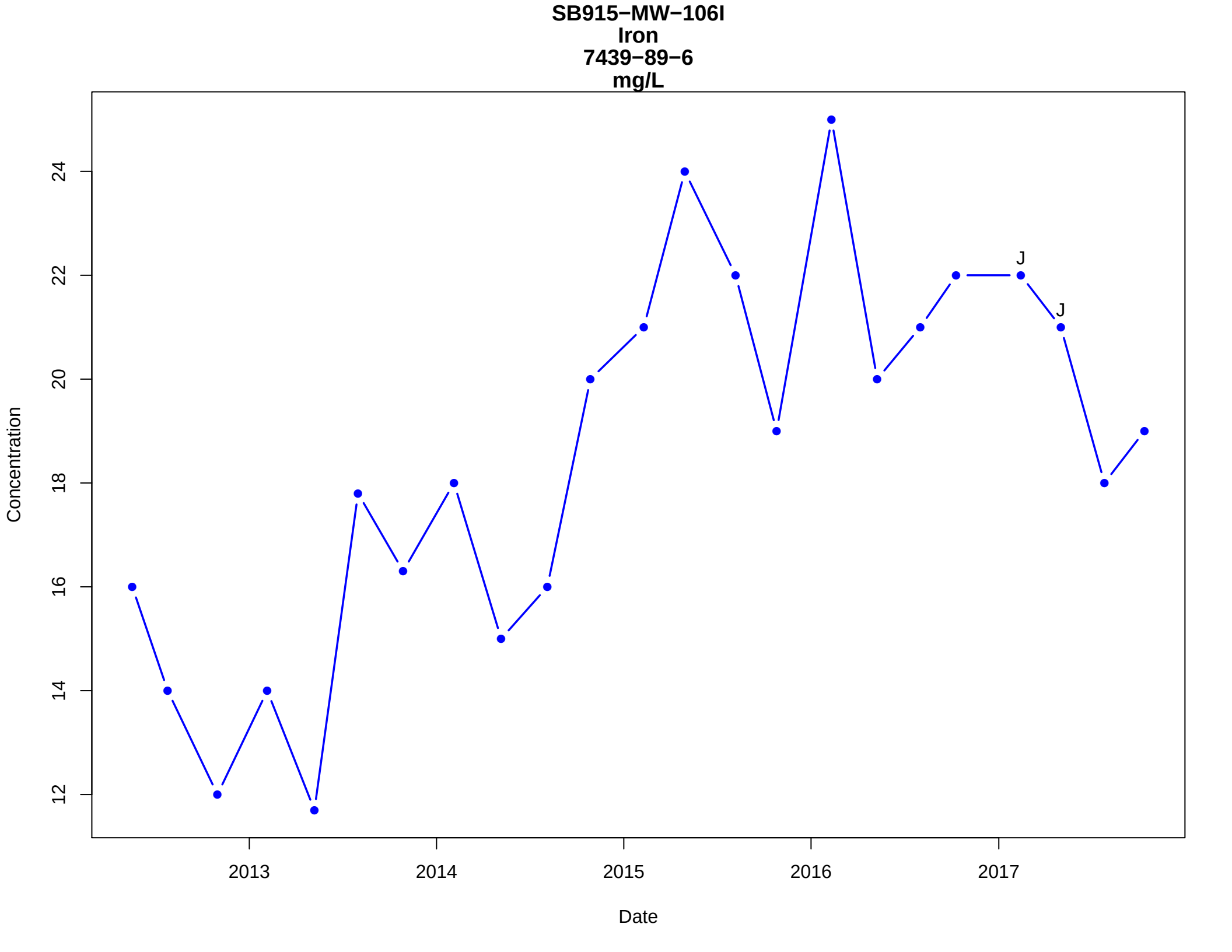

SB915−MW−104S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
20000
J
J
J−
U
J−
J−
2013
2014
2015
2016
2017
Date

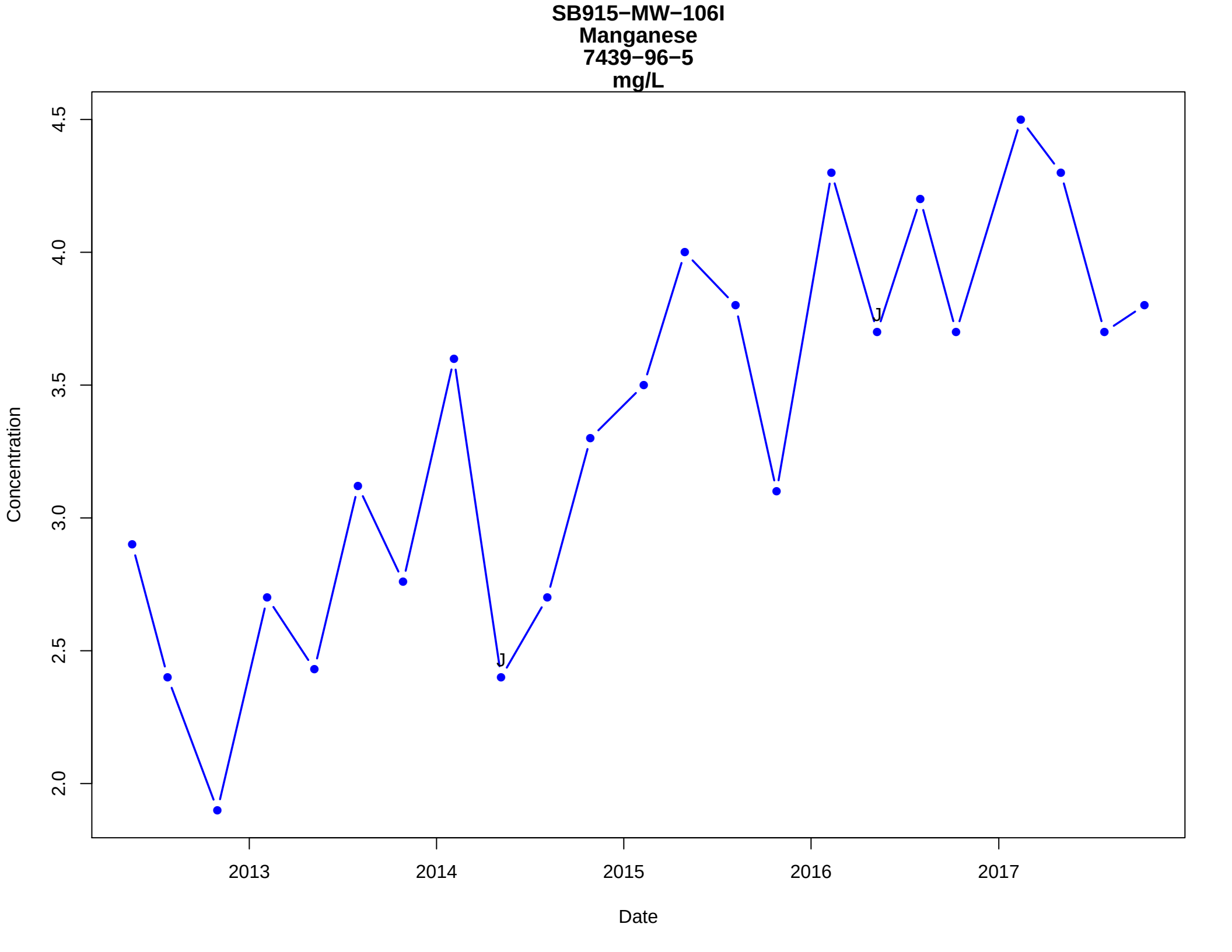

SB915−MW−104S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.5
1.0
1.5
2.0
2.5
2013
2014
2015
2016
2017
Date
J
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J
J−
J−

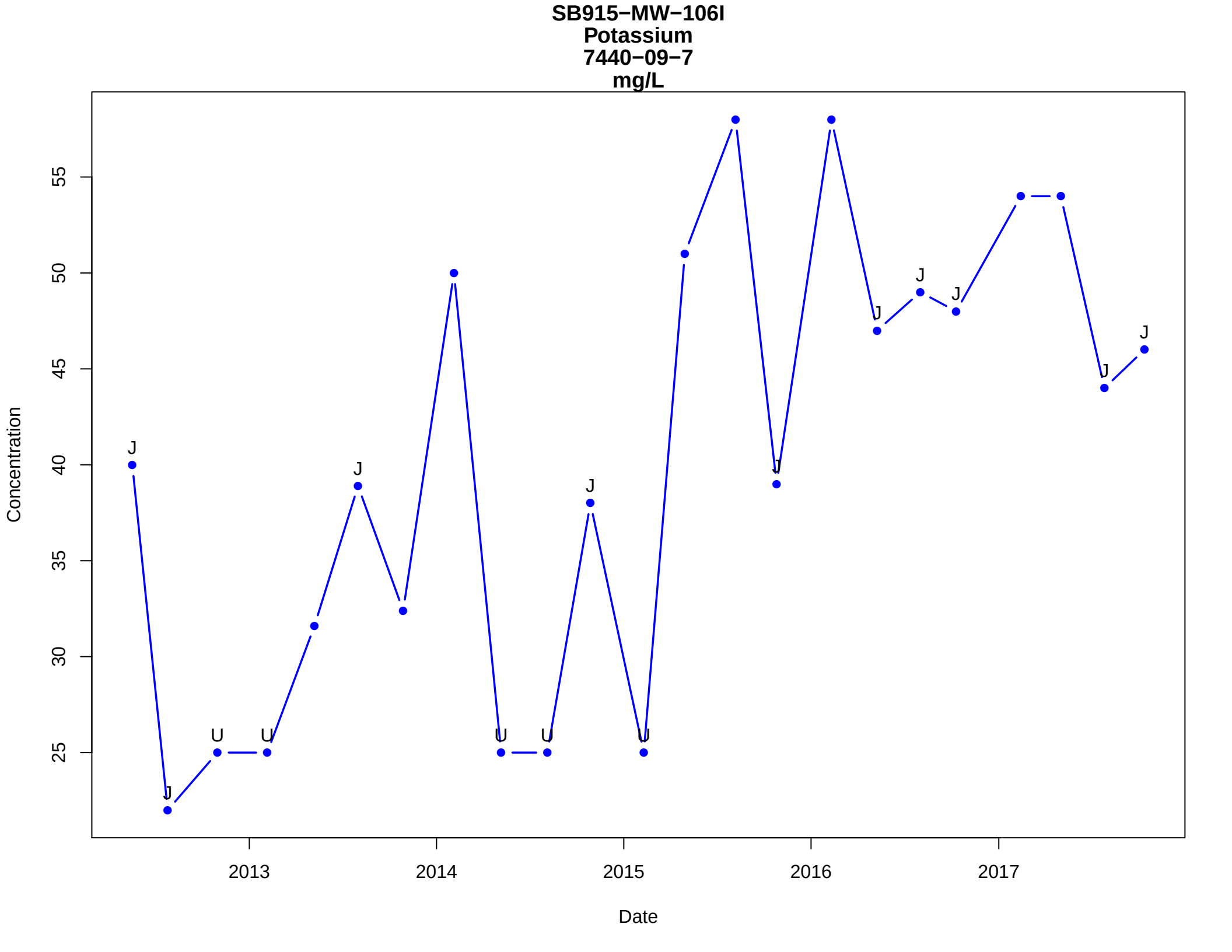

SB915−MW−105BR
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
0
2
4
6
8
10
12
14
2013
2014
2015
2016
2017
2018
J
U
U
U
J
J−
J
J−
J−
J
J
J
J−
J
J+
J
U
U
J−

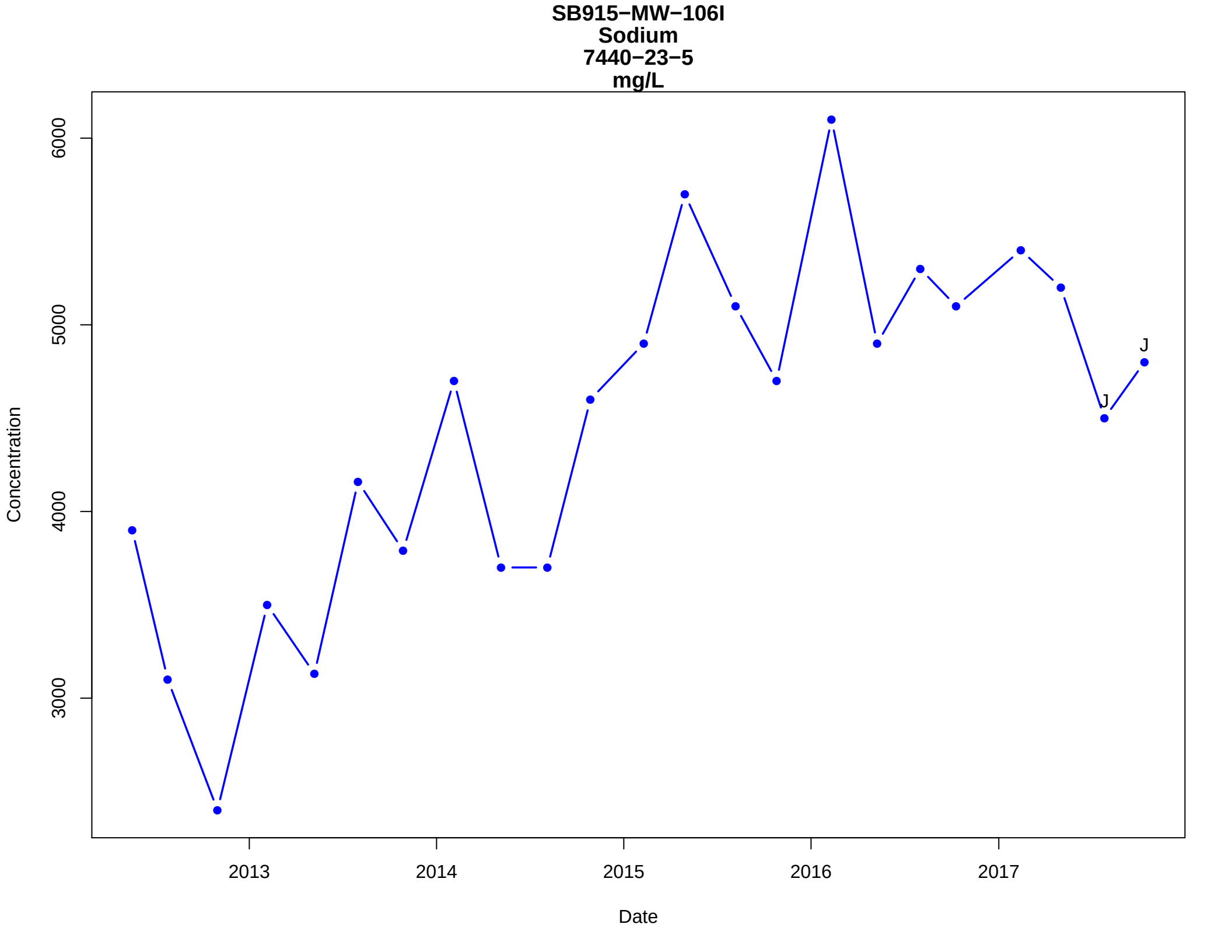

SB915−MW−105BR
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
1.5
2.0
2.5
3.0
2013
2014
2015
2016
2017
2018
Date
J
J
J
J−
J
J−
J−
J−
J−
J−
J−
J−
J−
J−

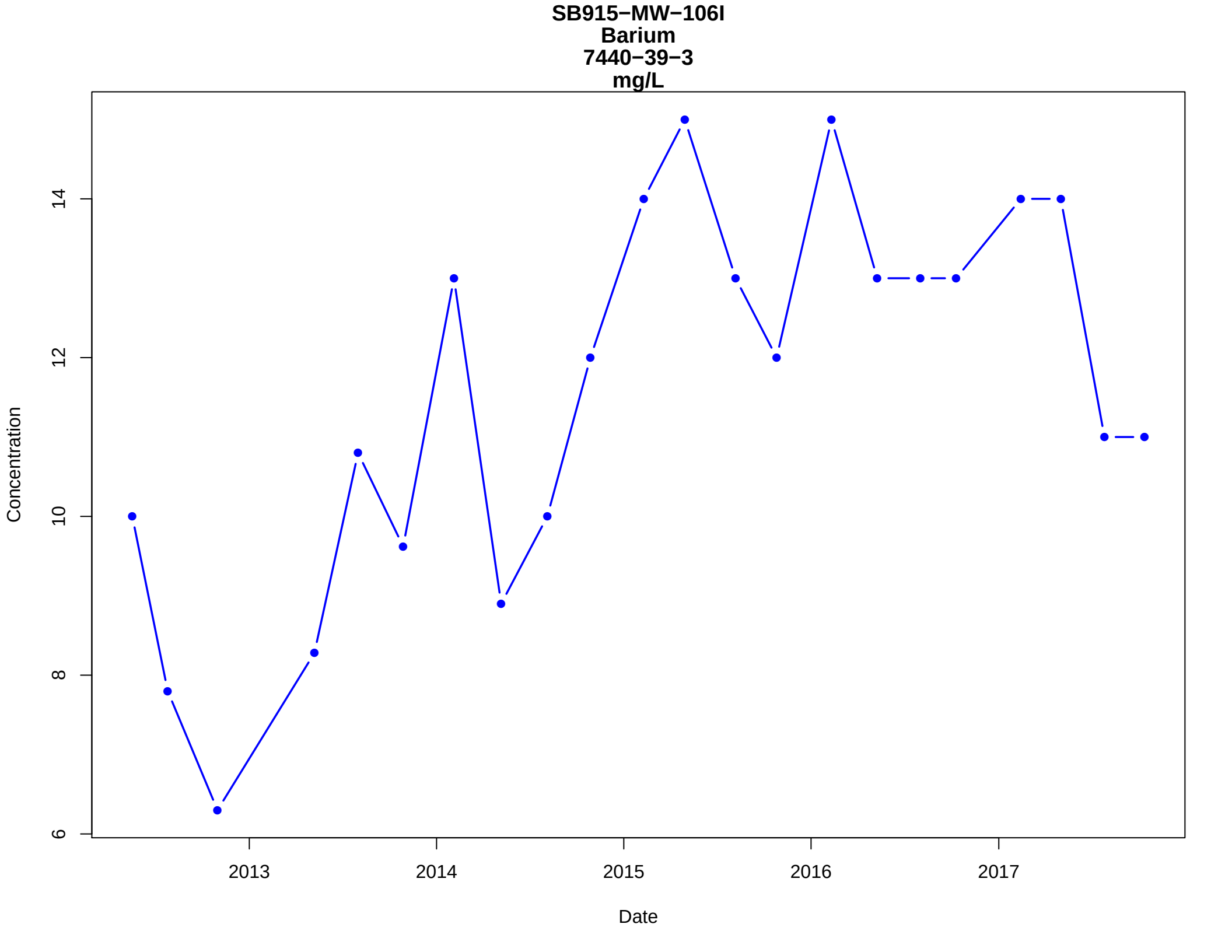

SB915−MW−106I
Chloride
16887−00−6
mg/l
Concentration
35000
30000
25000
20000
15000
J+
2013
2014
2015
2016
2017
Date

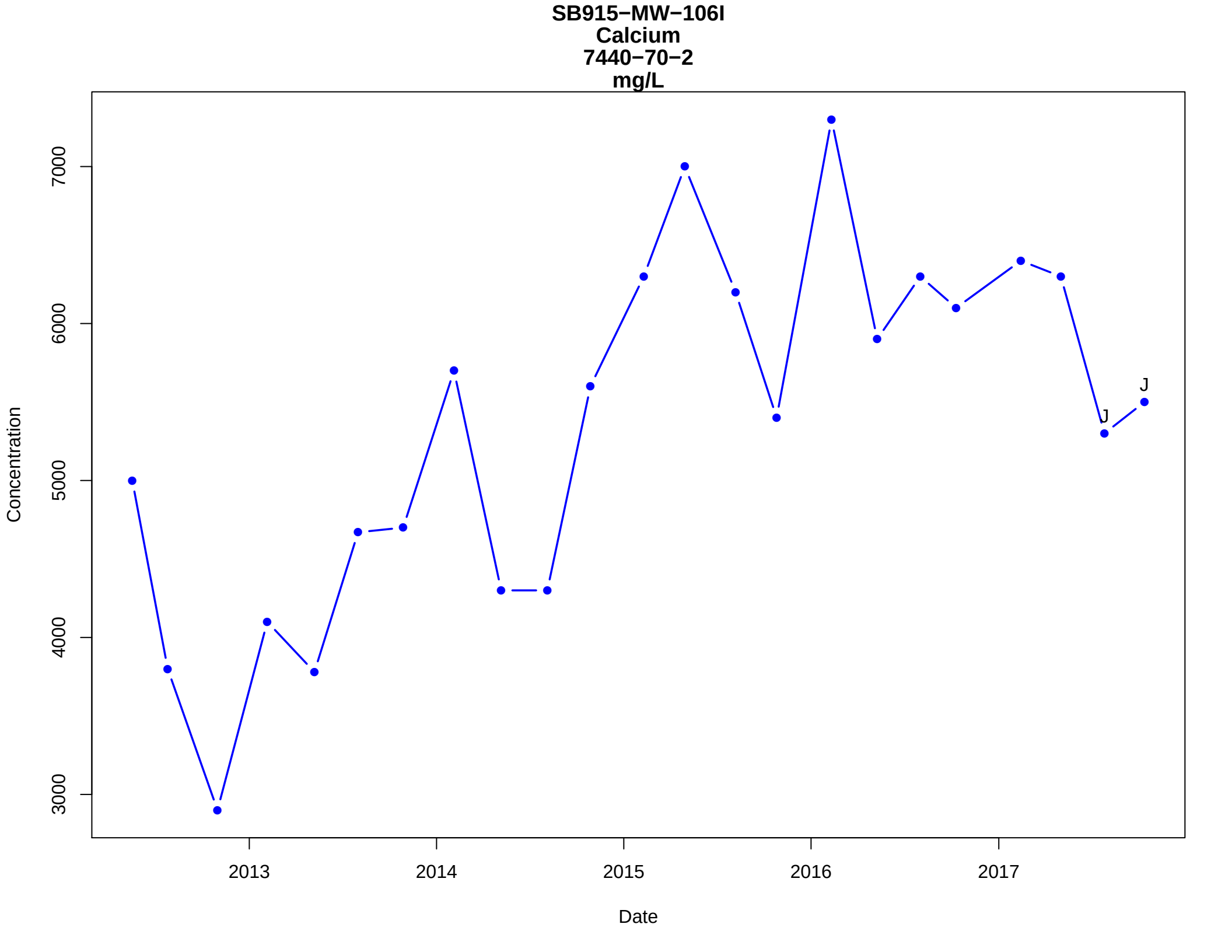

SB915−MW−106I
Iron
7439−89−6
mg/L
Concentration
12
14
16
18
20
22
24
J
J
2013
2014
2015
2016
2017
Date

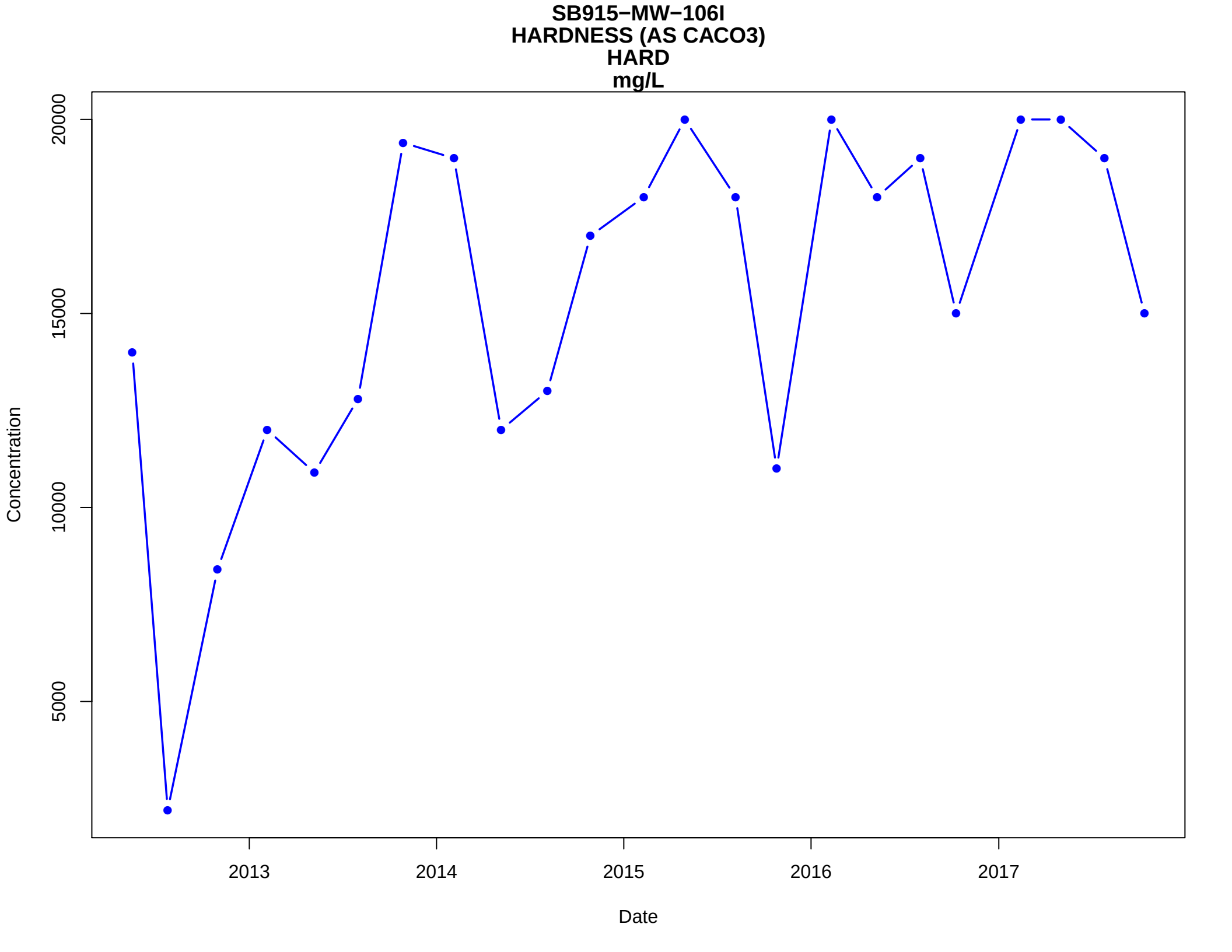

SB915−MW−106I
Manganese
7439−96−5
mg/L
Concentration
4.5
4.0
3.5
3.0
2.5
2.0
J
J
2013
2014
2015
2016
2017
Date

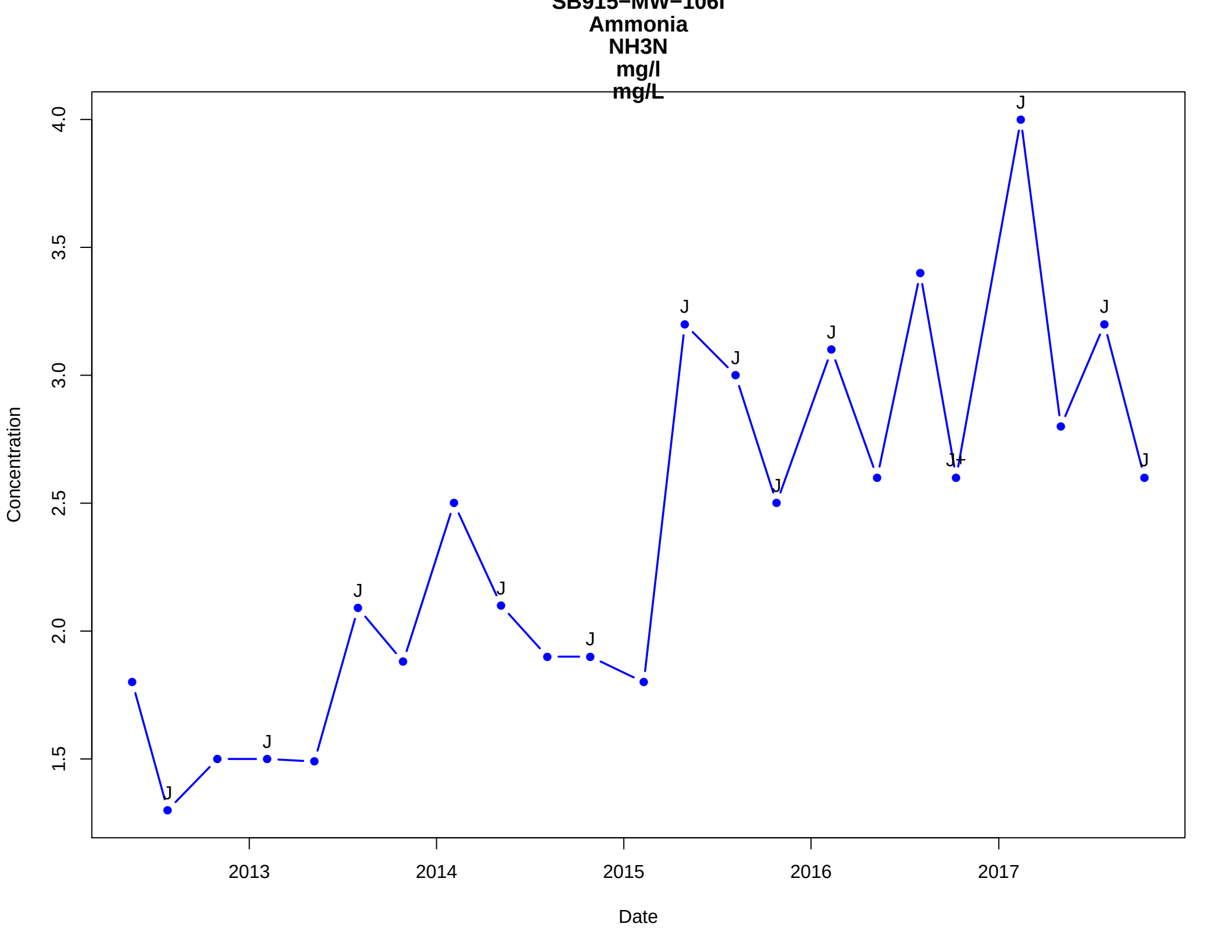

SB915−MW−106I
Potassium
7440−09−7
mg/L
Concentration
25
30
35
40
45
50
55
2013
2014
2015
2016
2017
Date
J
J
U
U
J
J
U
U
J
U
J
J
J
J
J

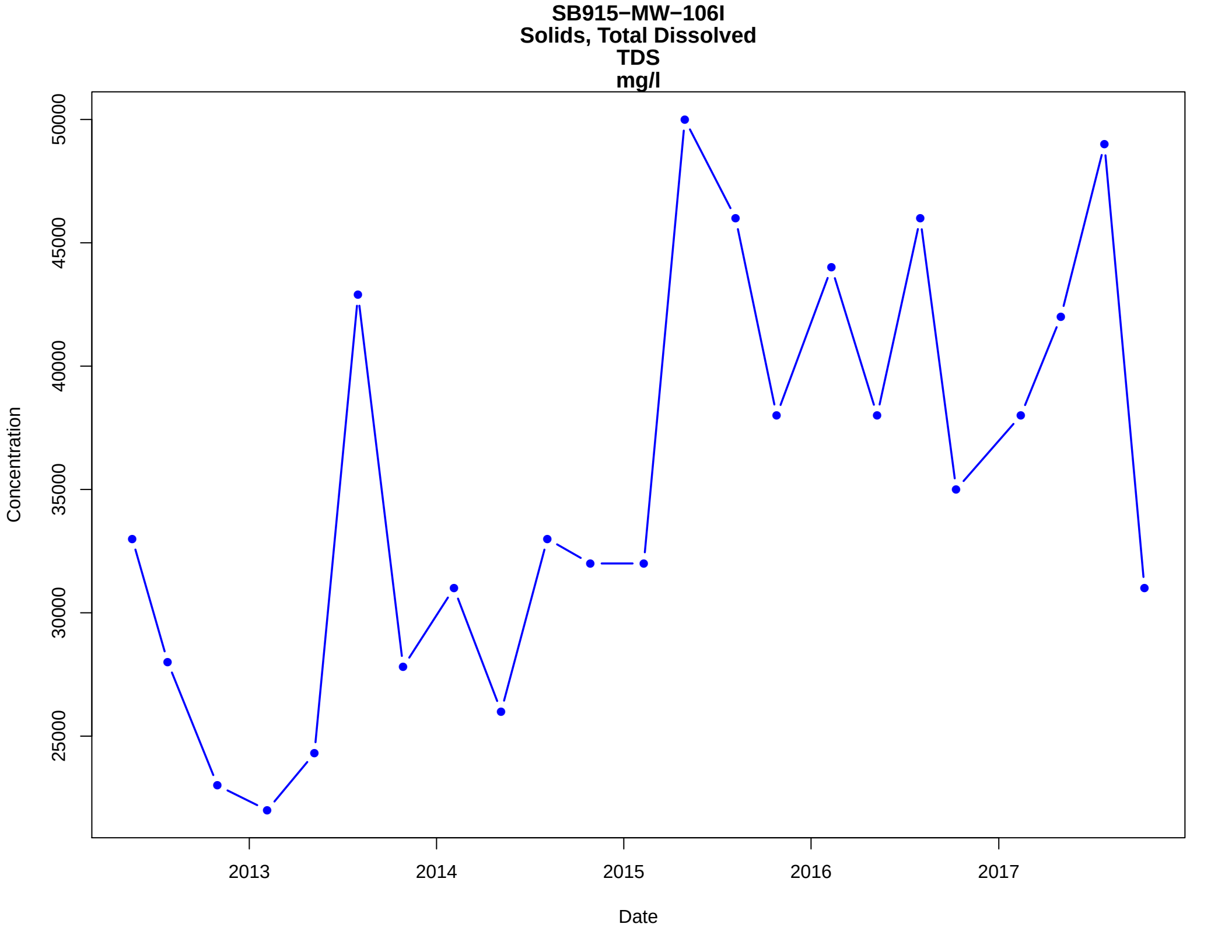

SB915−MW−106I
Sodium
7440−23−5
mg/L
Concentration
6000
5000
4000
3000
J
J
2013
2014
2015
2016
2017
Date

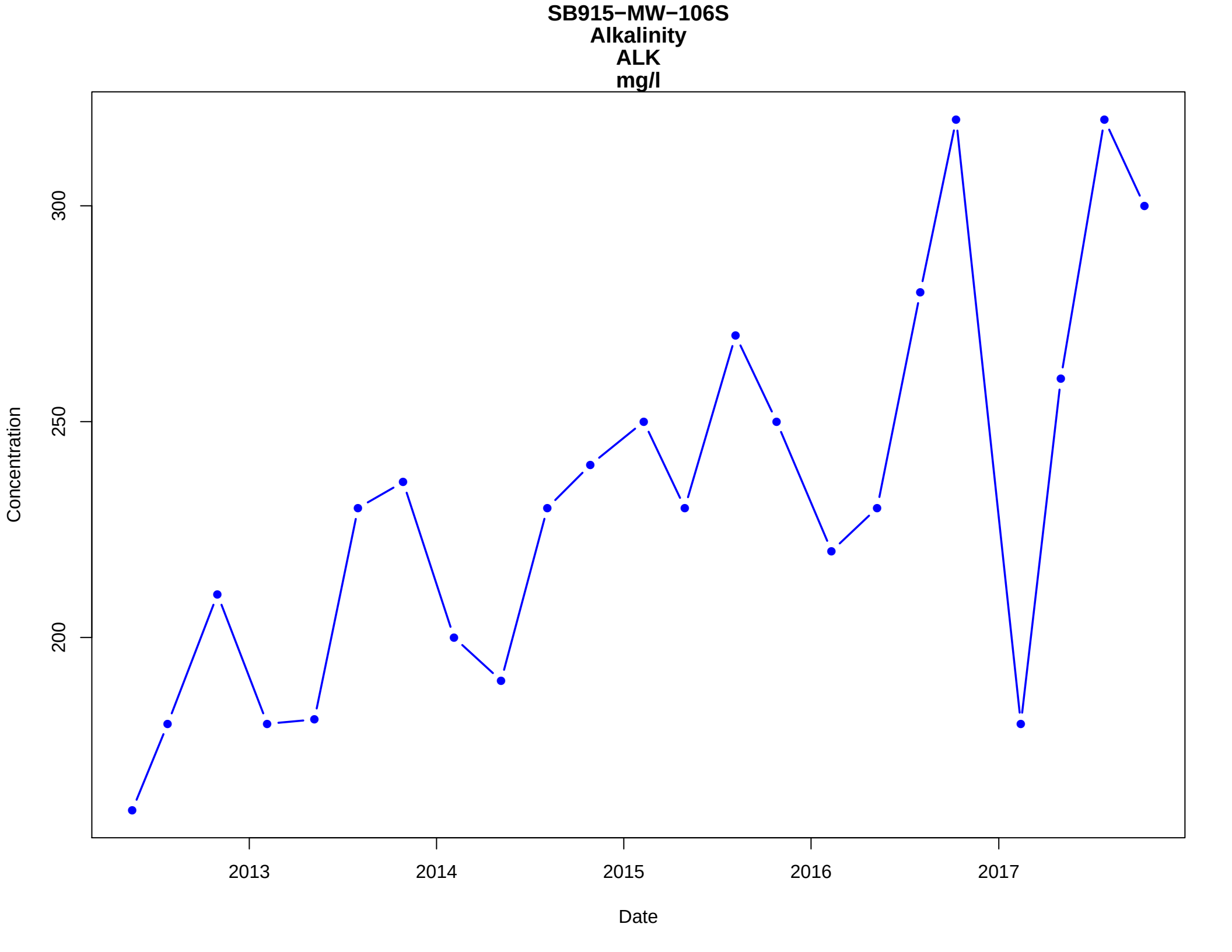

SB915−MW−106I
Barium
7440−39−3
mg/L
Concentration
6
8
10
12
14
2013
2014
2015
2016
2017
Date

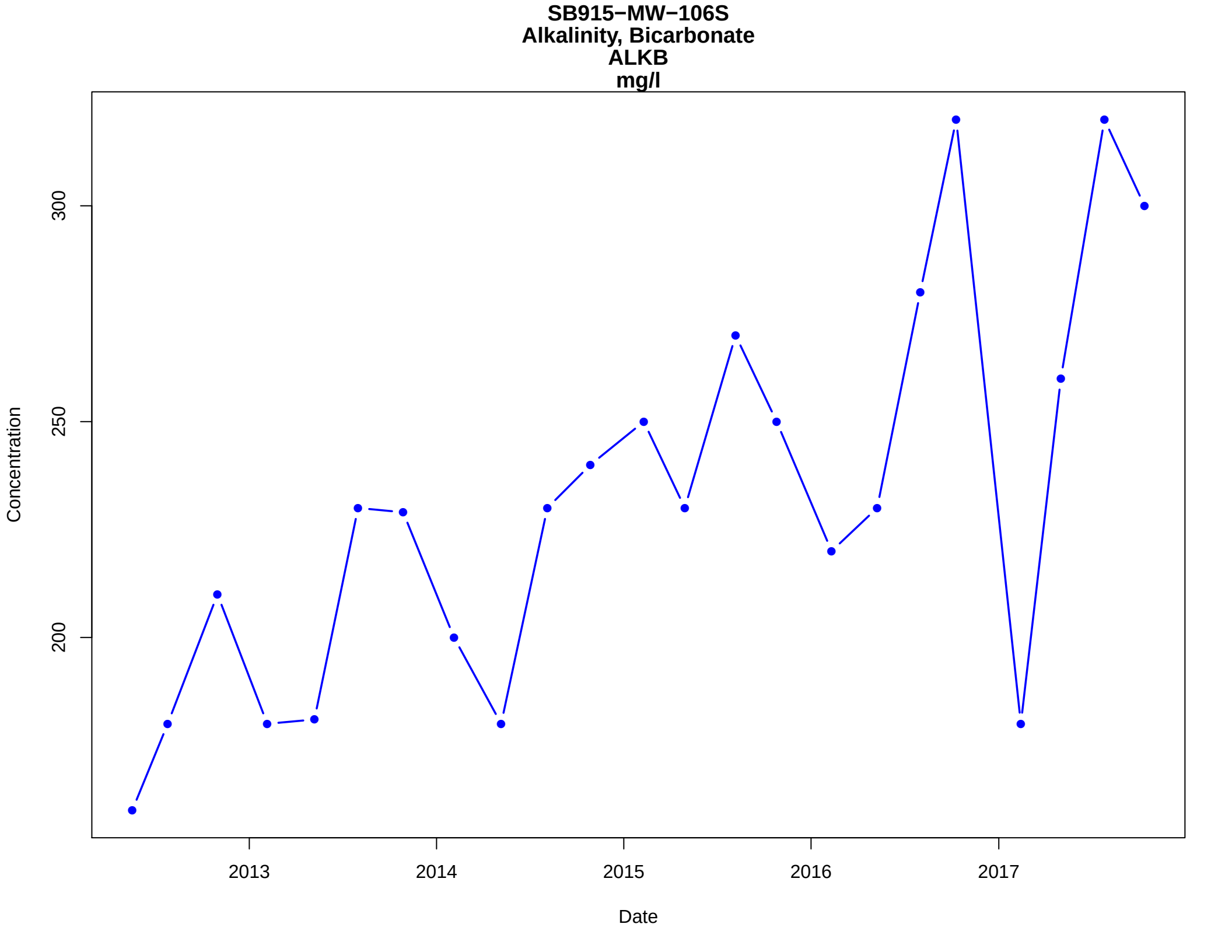

SB915−MW−106I
Calcium
7440−70−2
mg/L
Concentration
3000
4000
5000
6000
7000
J
J
2013
2014
2015
2016
2017
Date

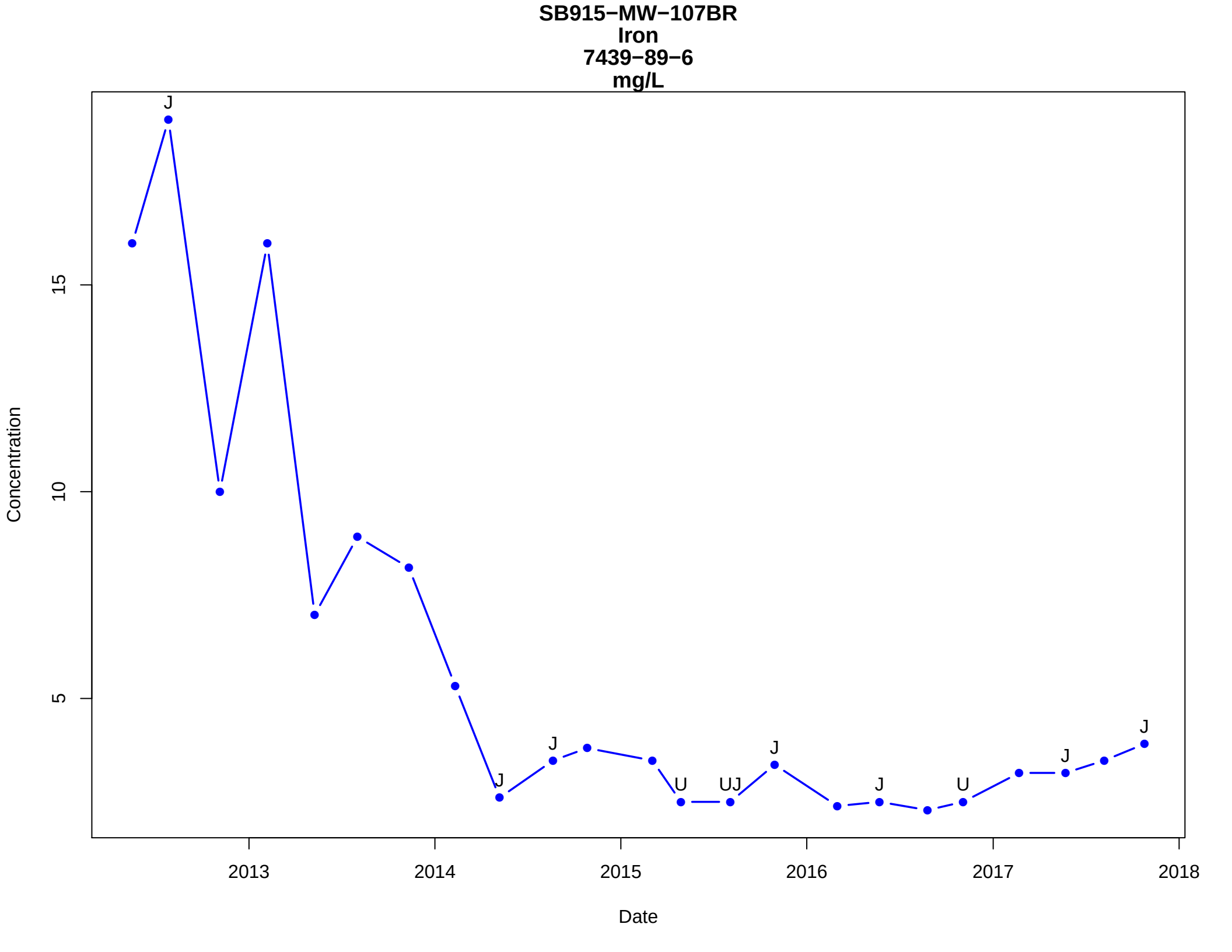

SB915−MW−106I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
20000
15000
10000
5000
2013
2014
2015
2016
2017
Date

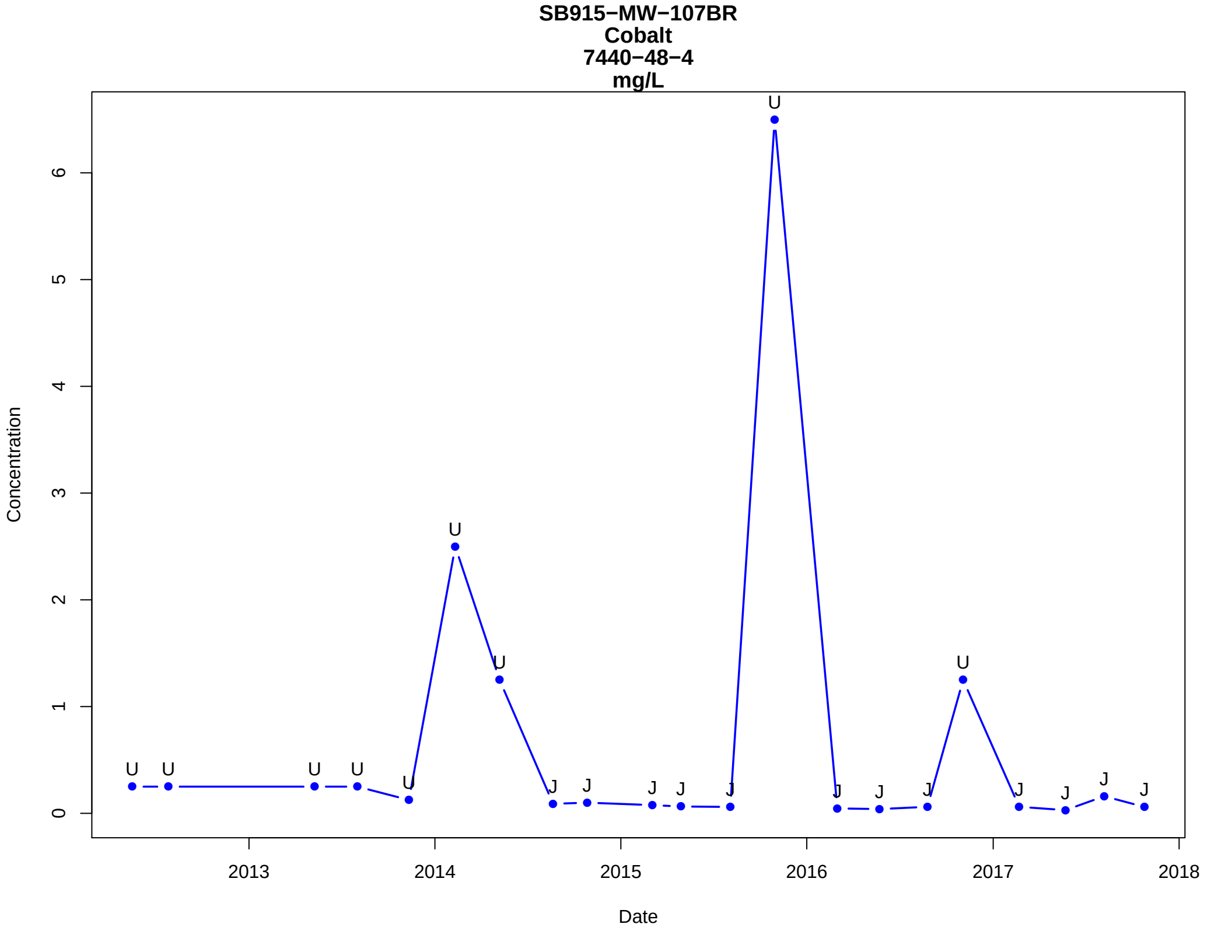

SB915-MW-106I
Ammonia
NH3N
mg/l
mg/L
Concentration
Date
1.5
2.0
2.5
3.0
3.5
4.0
2013
2014
2015
2016
2017
J

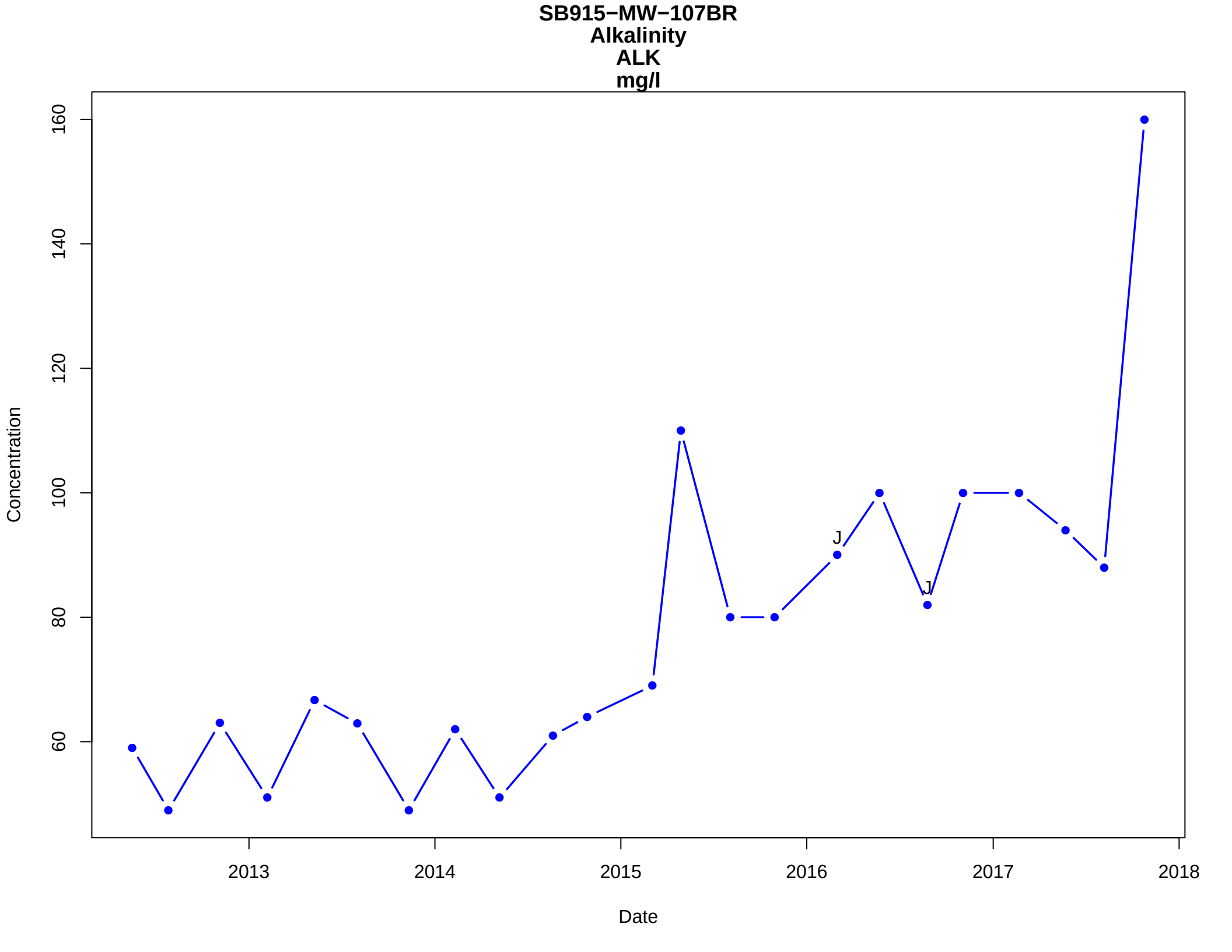

SB915−MW−106I
Solids, Total Dissolved
TDS
mg/l
Concentration
50000
45000
40000
35000
30000
25000
2013
2014
2015
2016
2017
Date

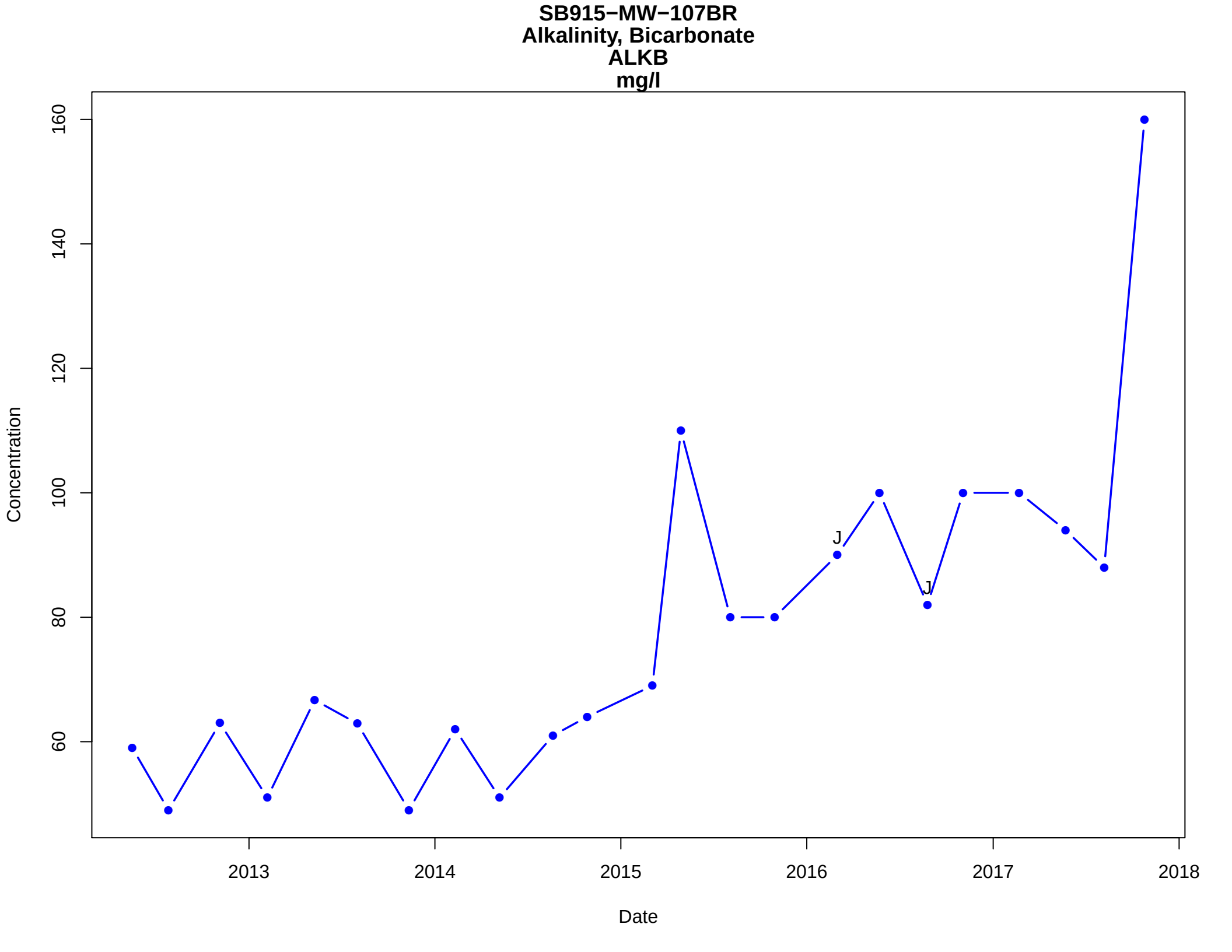

SB915−MW−106S
Alkalinity
ALK
mg/l
Concentration
200
250
300
2013
2014
2015
2016
2017
Date

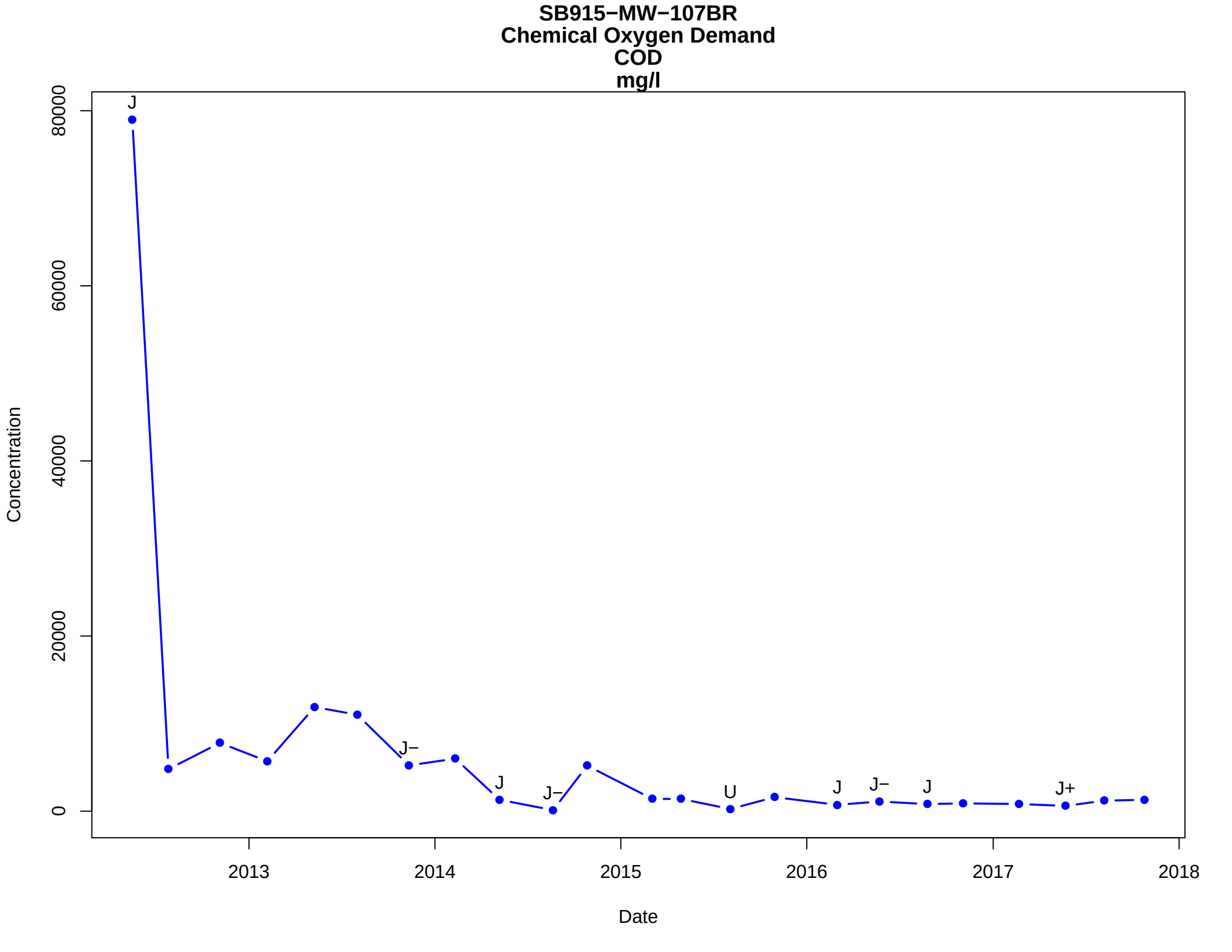

SB915−MW−106S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
300
250
200
2013
2014
2015
2016
2017
Date

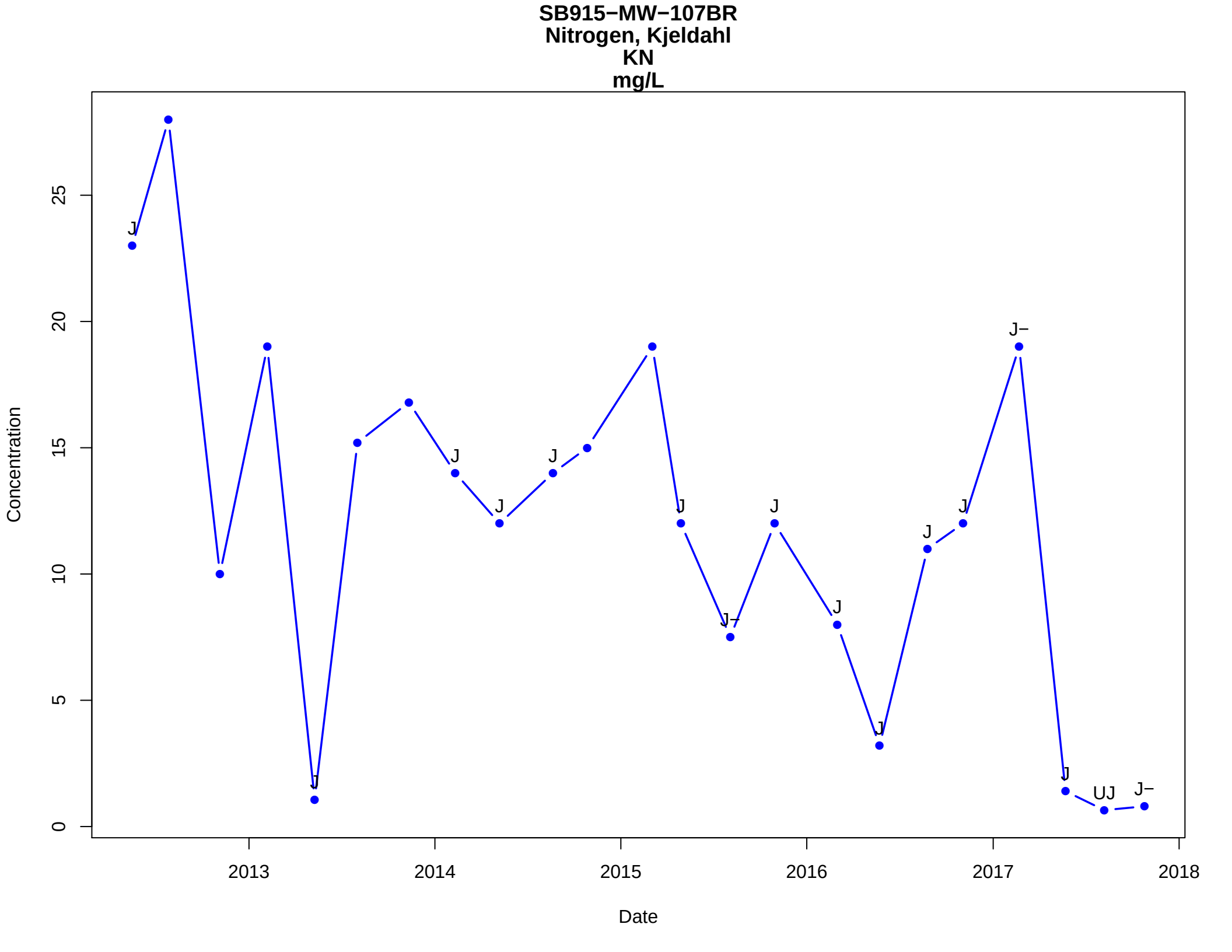

SB915−MW−107BR
Iron
7439−89−6
mg/L
Concentration
5
10
15
J
J
J
J
U
UJ
J
J
U
J
J
2013
2014
2015
2016
2017
2018
Date

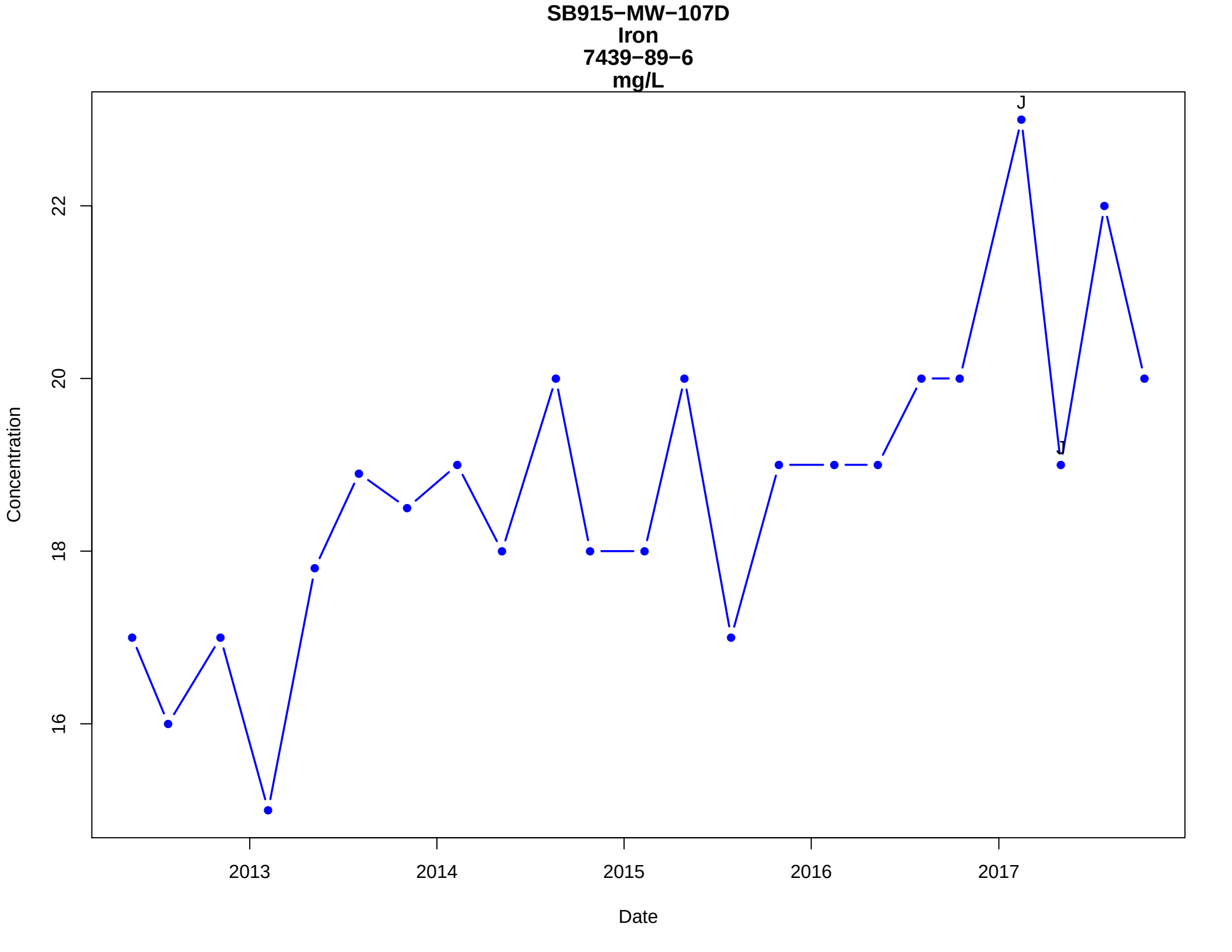

SB915−MW−107BR
Cobalt
7440−48−4
mg/L
Concentration
Date
0
1
2
3
4
5
6
2013
2014
2015
2016
2017
2018
U
J

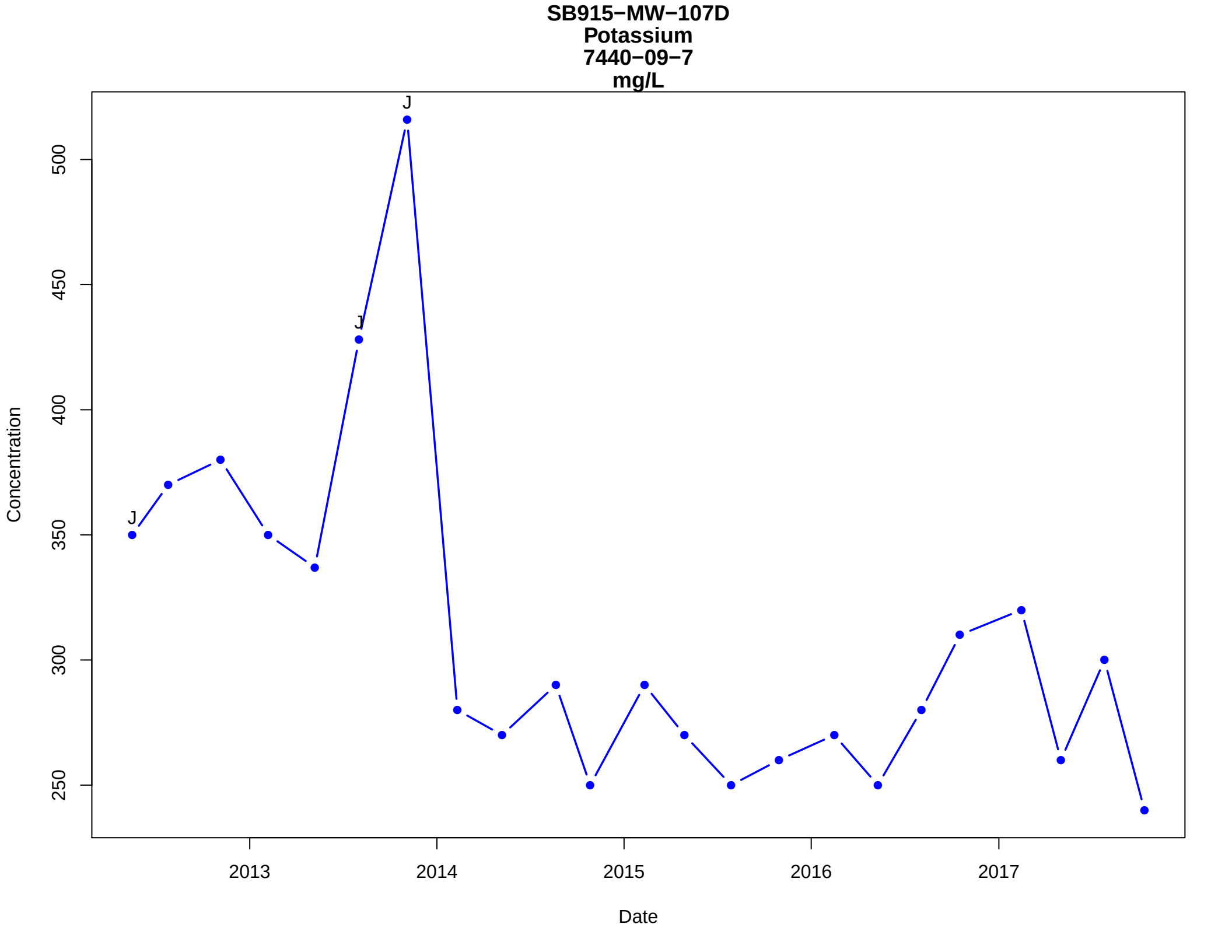

SB915−MW−107BR
Alkalinity
ALK
mg/l
Concentration
60
80
100
120
140
160
J
J
2013
2014
2015
2016
2017
2018
Date

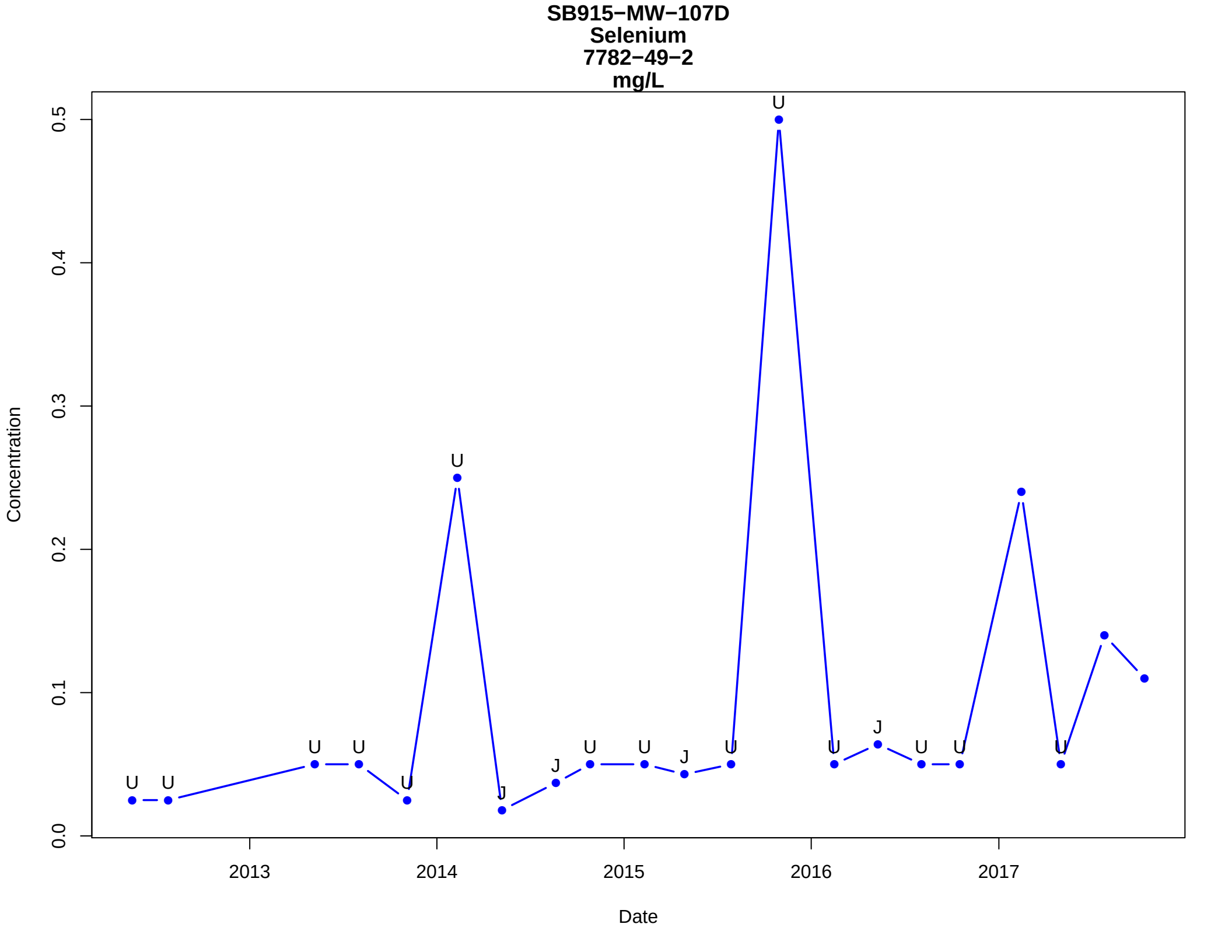

SB915−MW−107BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
60
80
100
120
140
160
J
J
2013
2014
2015
2016
2017
2018
Date

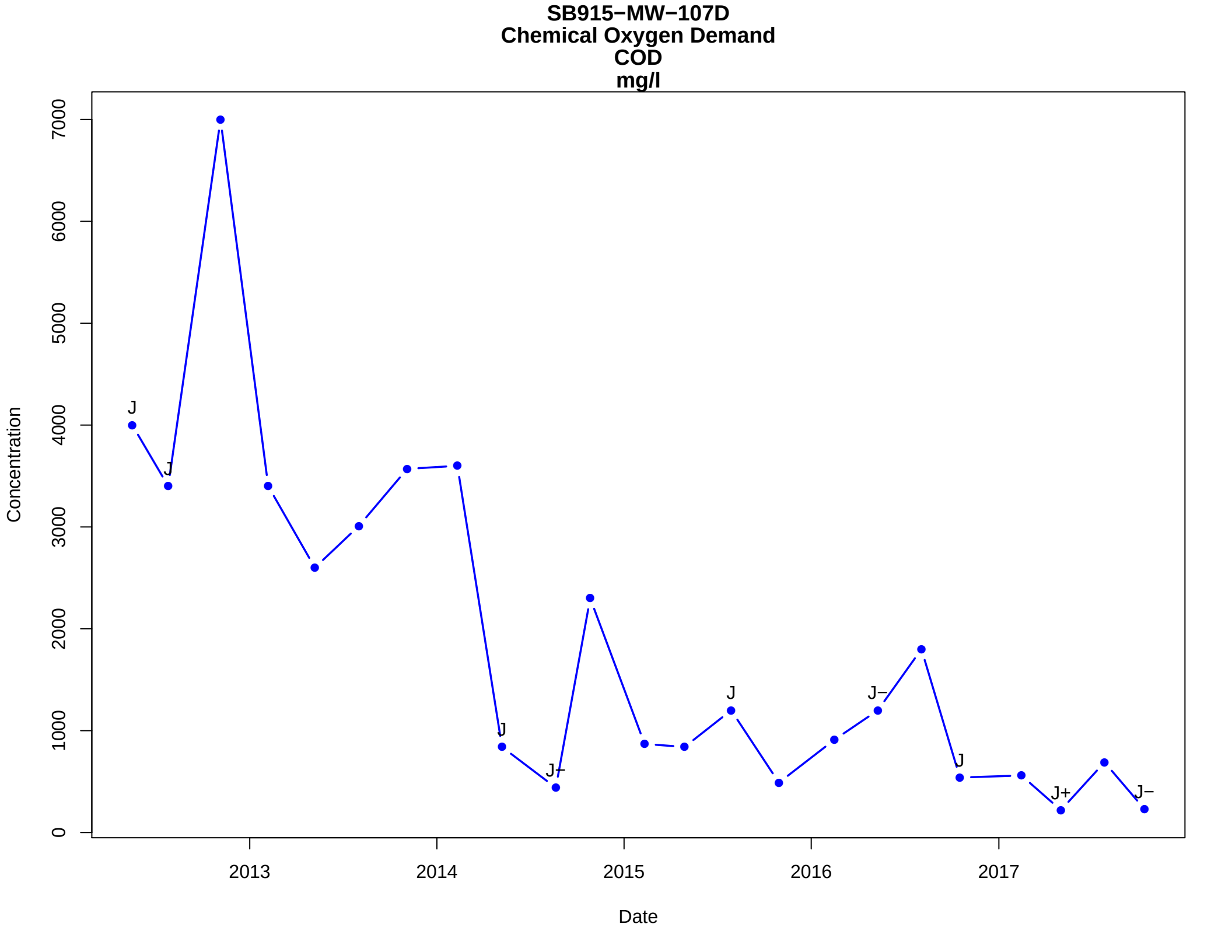

SB915−MW−107BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
20000
40000
60000
80000
J
J−
J
J−
U
J
J−
J
J+
2013
2014
2015
2016
2017
2018
Date

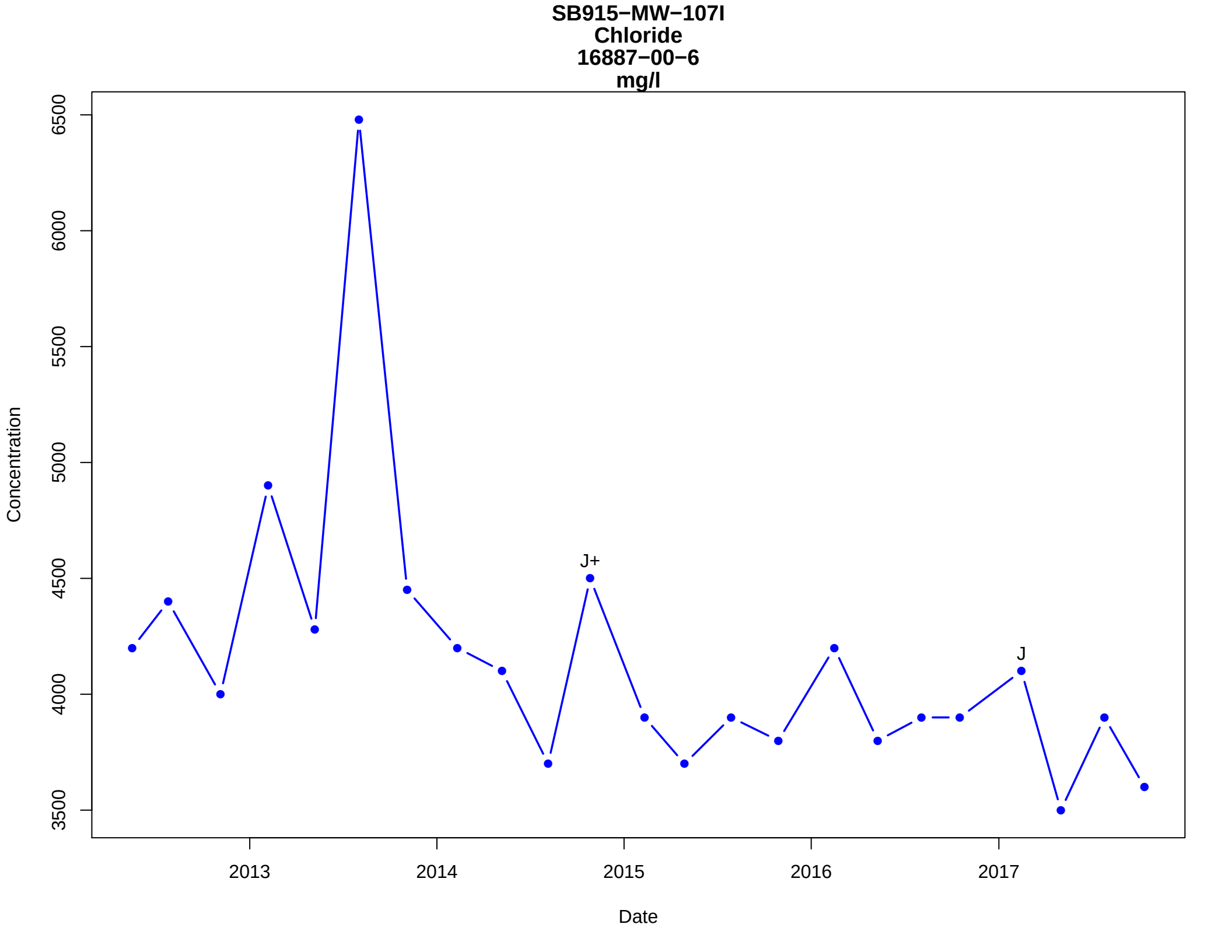

SB915−MW−107BR
Nitrogen, Kjeldahl
KN
mg/L
Concentration
0
5
10
15
20
25
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J
J
J
J
J
J
J
J
J
J−
J
UJ
J−

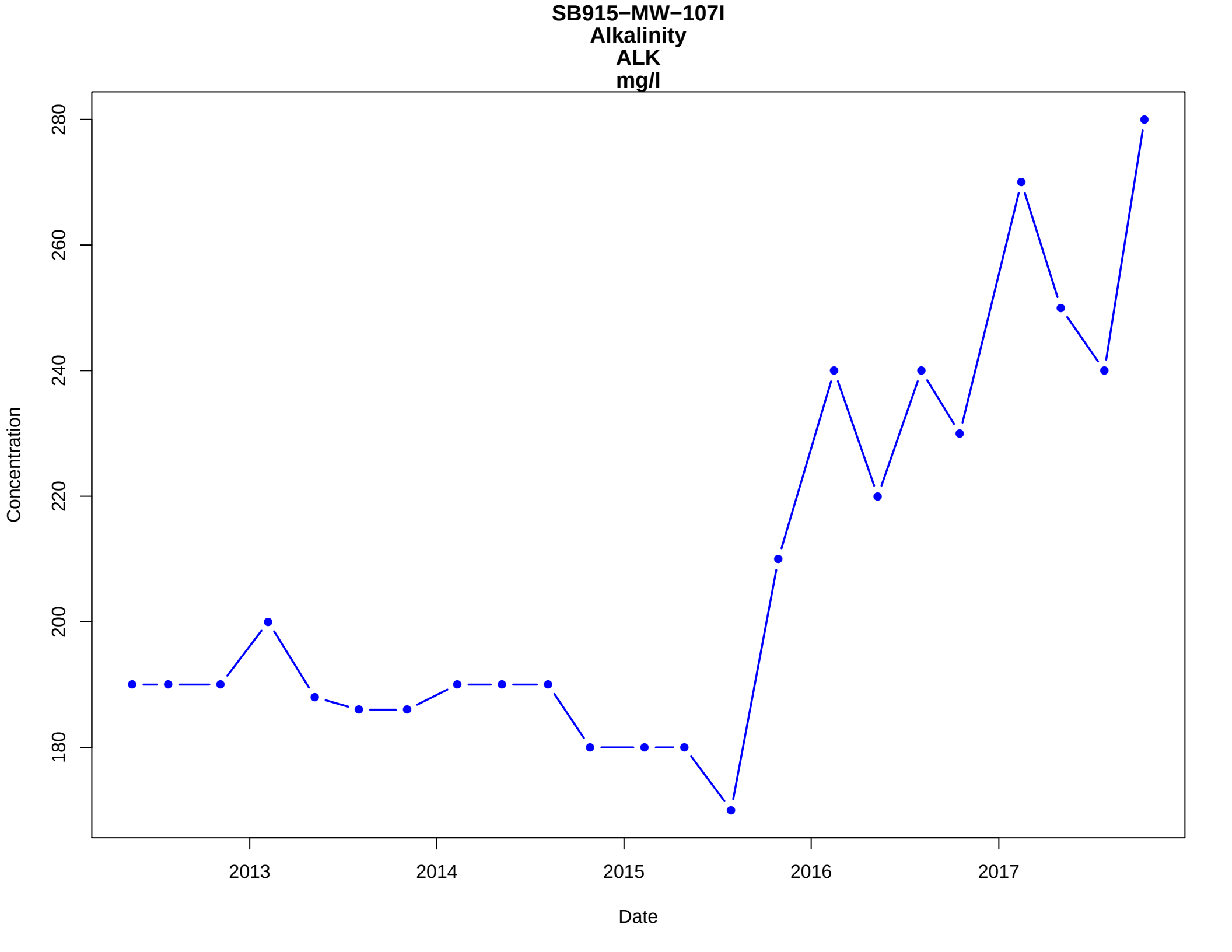

SB915−MW−107D
Iron
7439−89−6
mg/L
Concentration
16
18
20
22
J
J
2013
2014
2015
2016
2017
Date

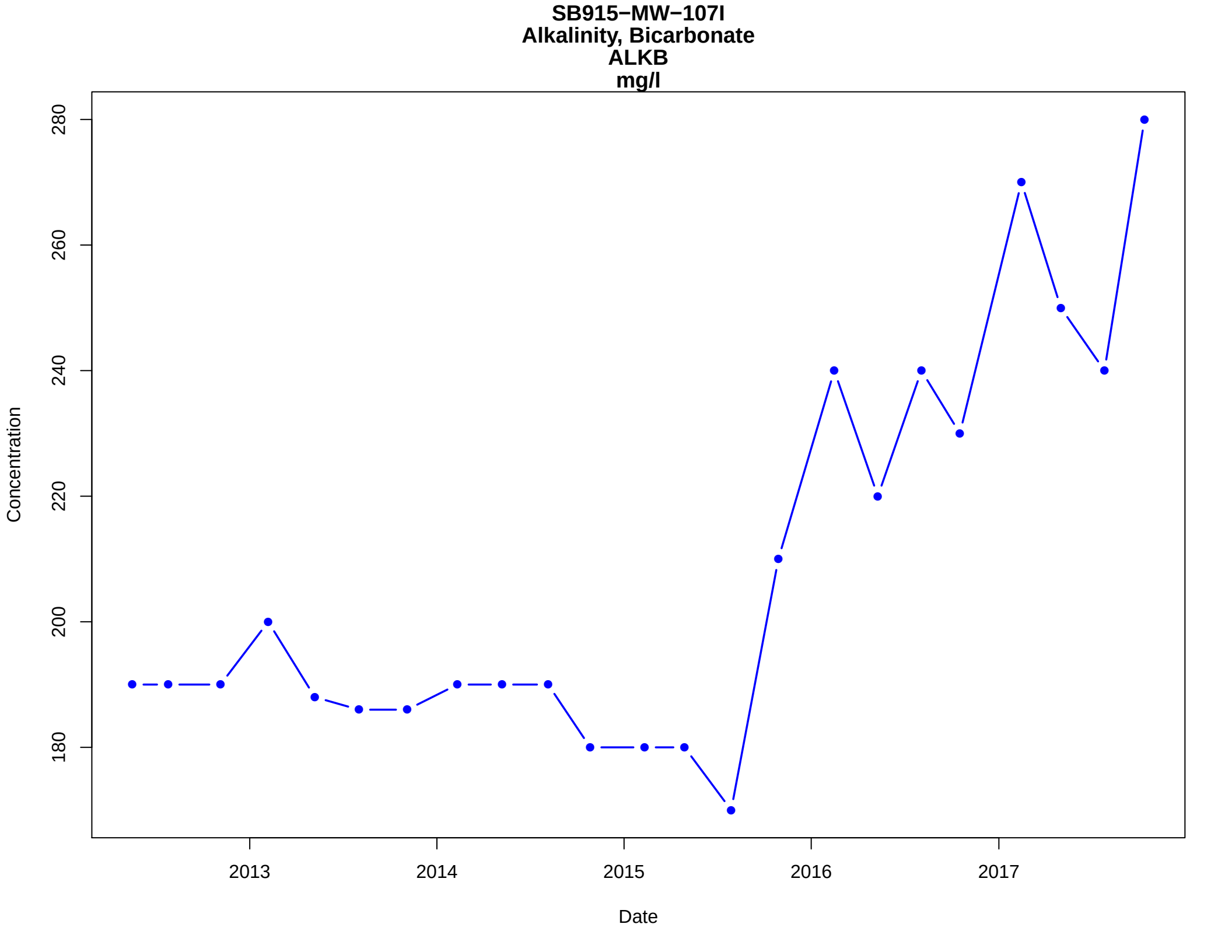

SB915−MW−107D
Potassium
7440−09−7
mg/L
Concentration
250
300
350
400
450
500
J
J
J
2013
2014
2015
2016
2017
Date

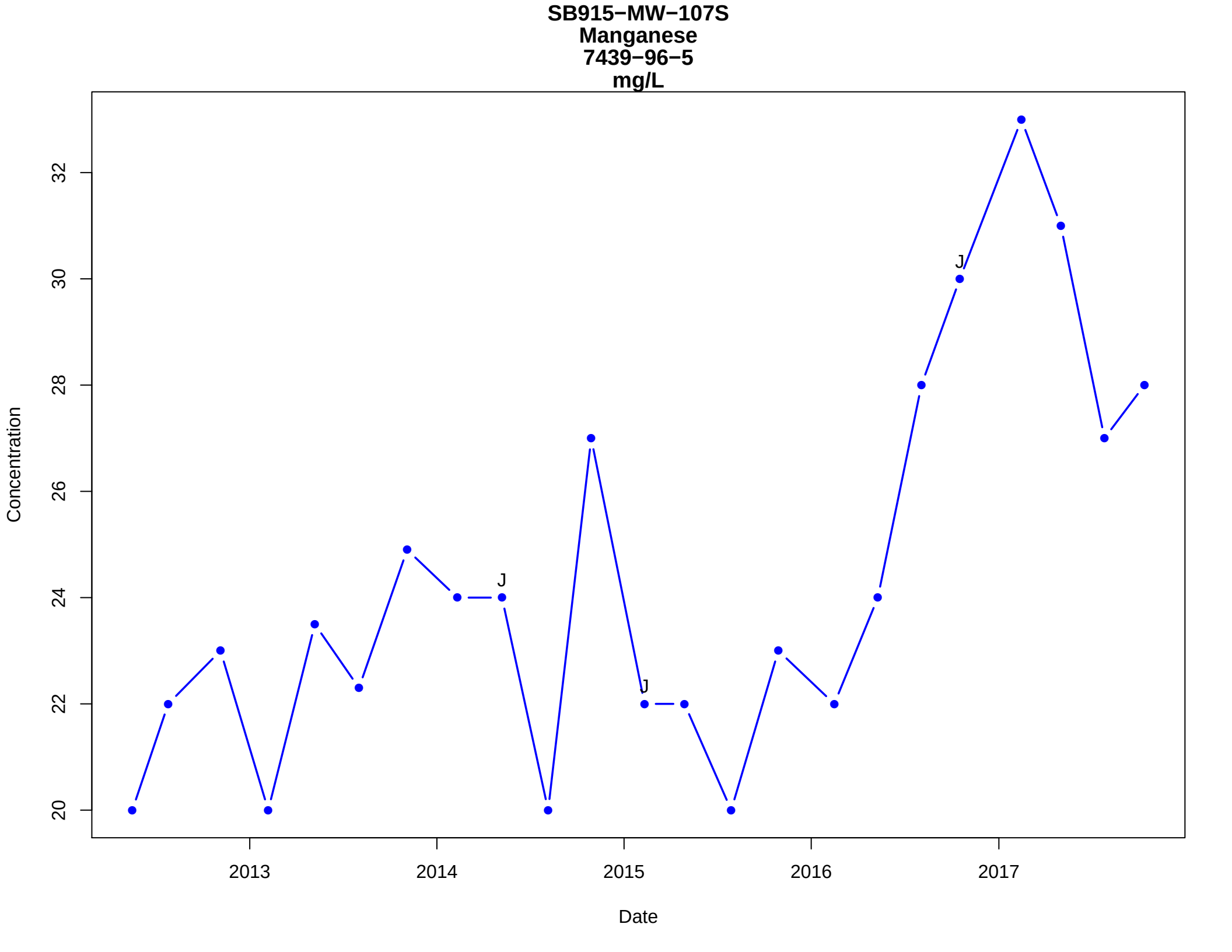

SB915−MW−107D
Selenium
7782−49−2
mg/L
Concentration
0.0
0.1
0.2
0.3
0.4
0.5
2013
2014
2015
2016
2017
Date
U
U
U
U
U
U
J
U
J
U
U
J
U
U
J
U
U
U
U

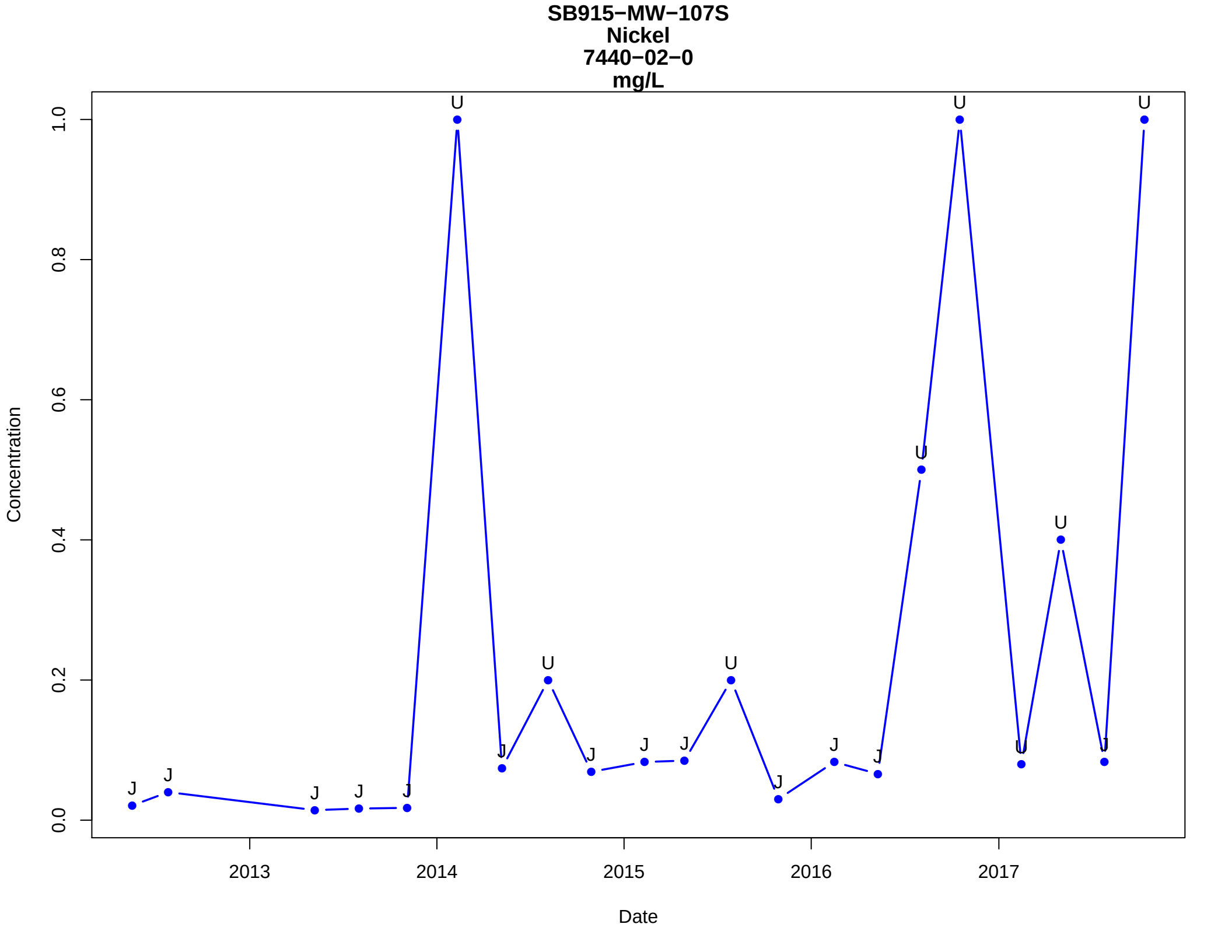

SB915−MW−107D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
6000
7000
2013
2014
2015
2016
2017
Date
J
J
J
J−
J
J−
J
J+
J−

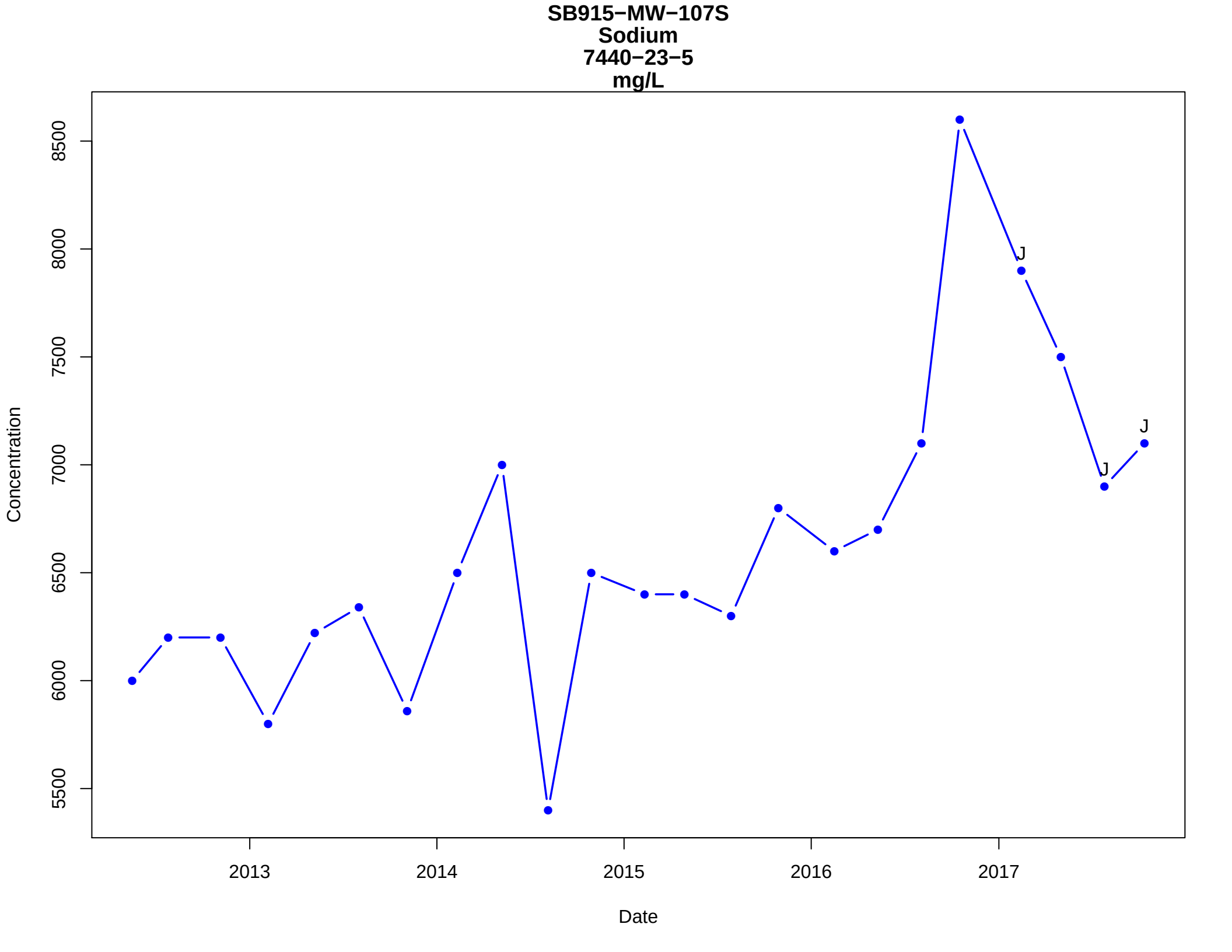

SB915−MW−107I
Chloride
16887−00−6
mg/l
Concentration
6500
6000
5500
5000
4500
4000
3500
J+
J
2013
2014
2015
2016
2017
Date

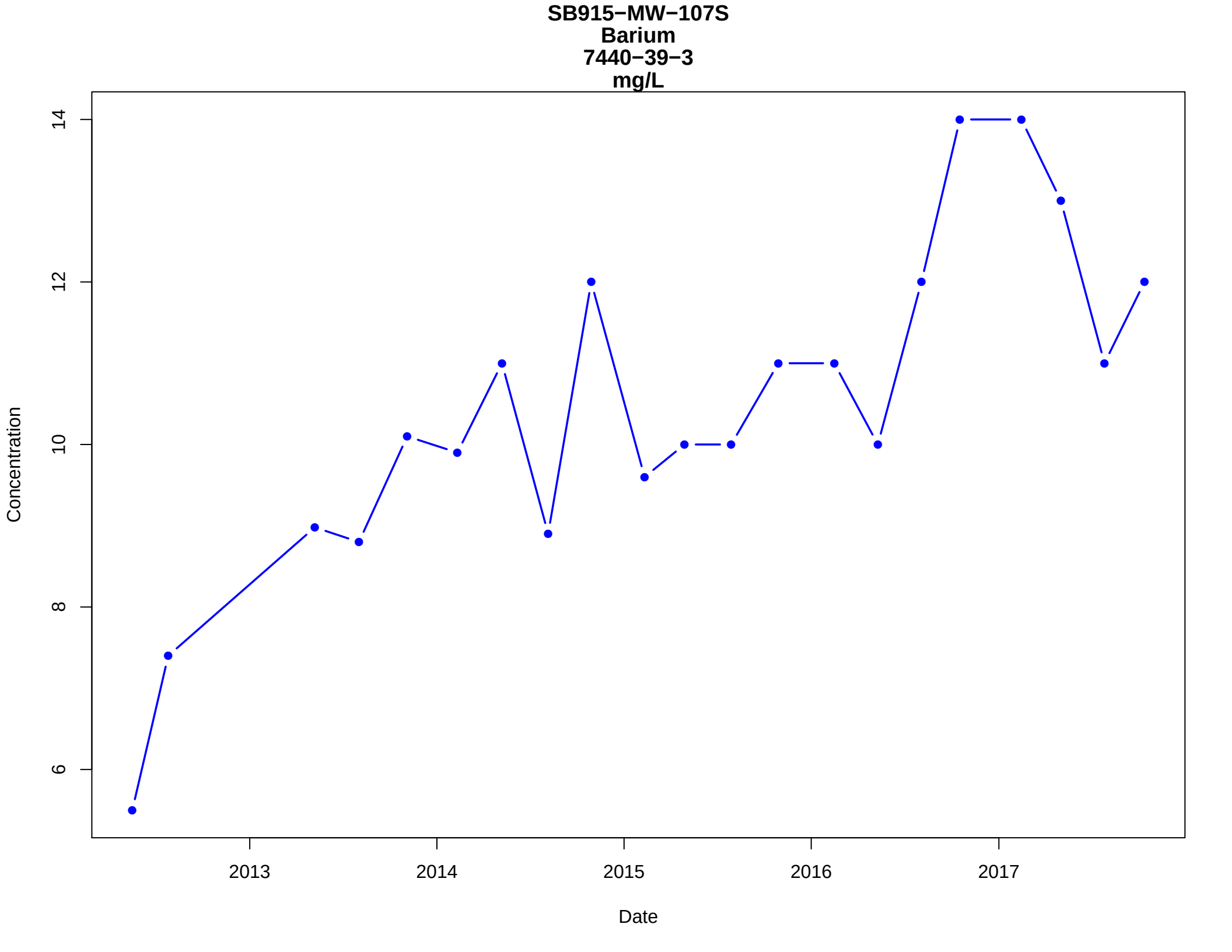

SB915−MW−107I
Alkalinity
ALK
mg/l
Concentration
180
200
220
240
260
280
2013
2014
2015
2016
2017
Date

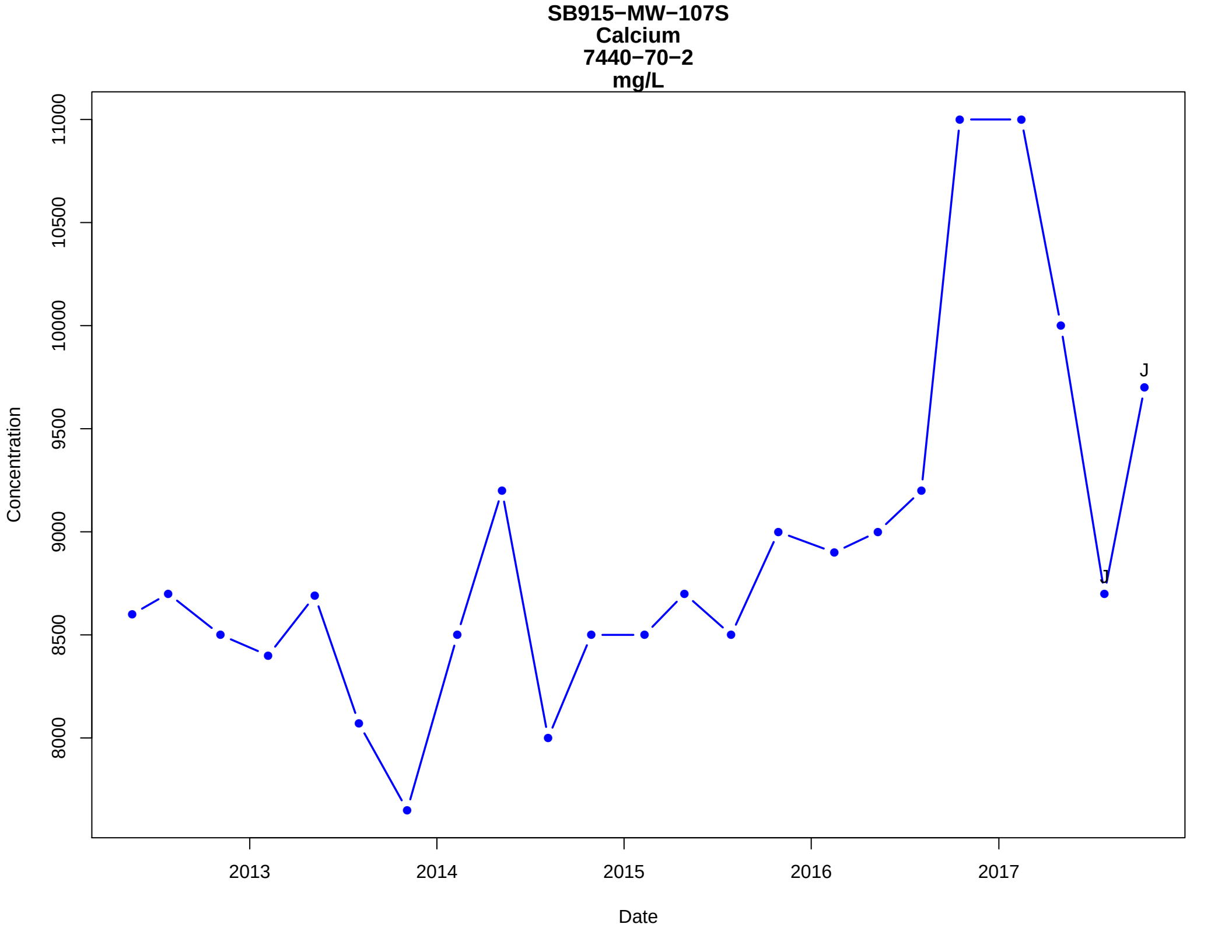

SB915−MW−107I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
180
200
220
240
260
280
2013
2014
2015
2016
2017
Date

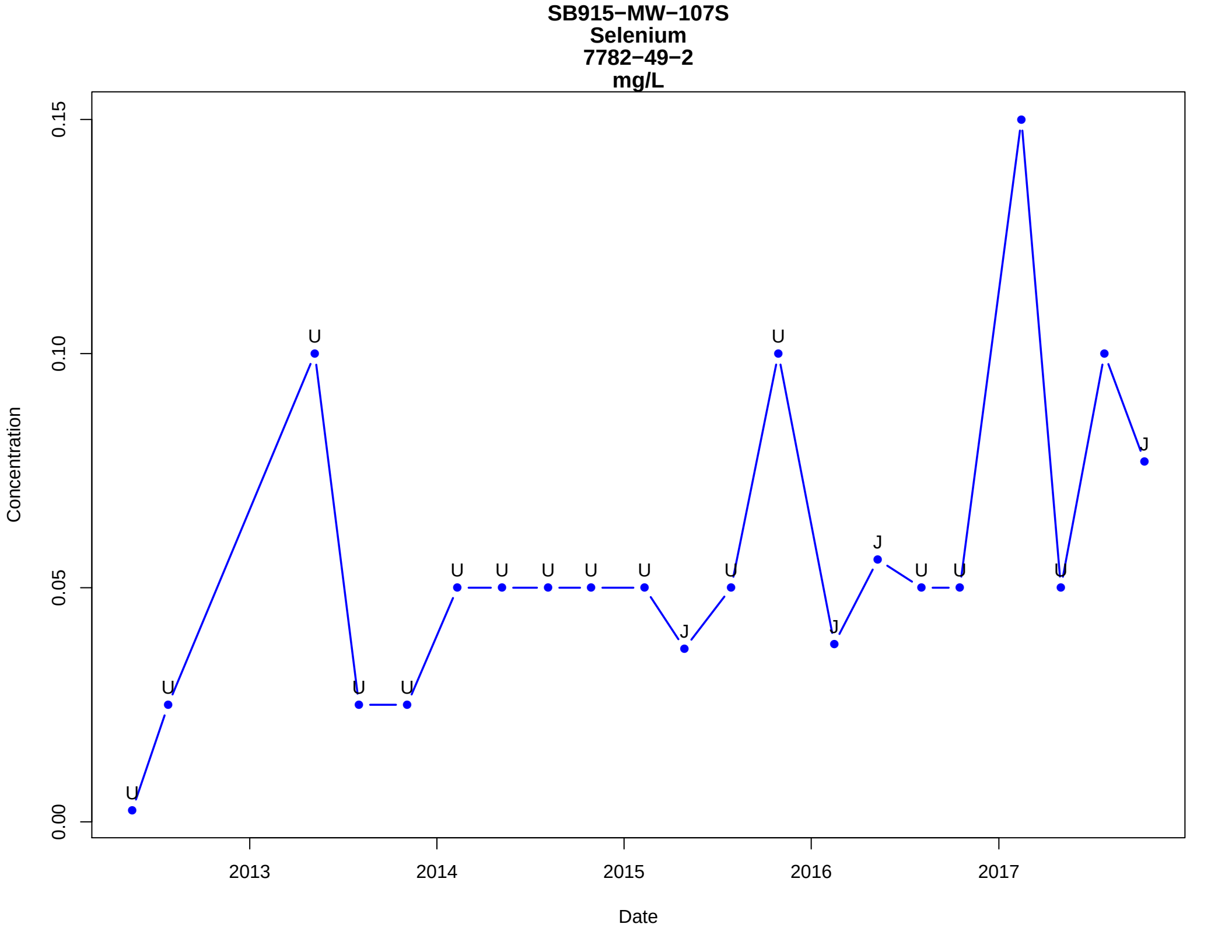

SB915−MW−107S
Manganese
7439−96−5
mg/L
Concentration
20
22
24
26
28
30
32
J
J
J
2013
2014
2015
2016
2017
Date

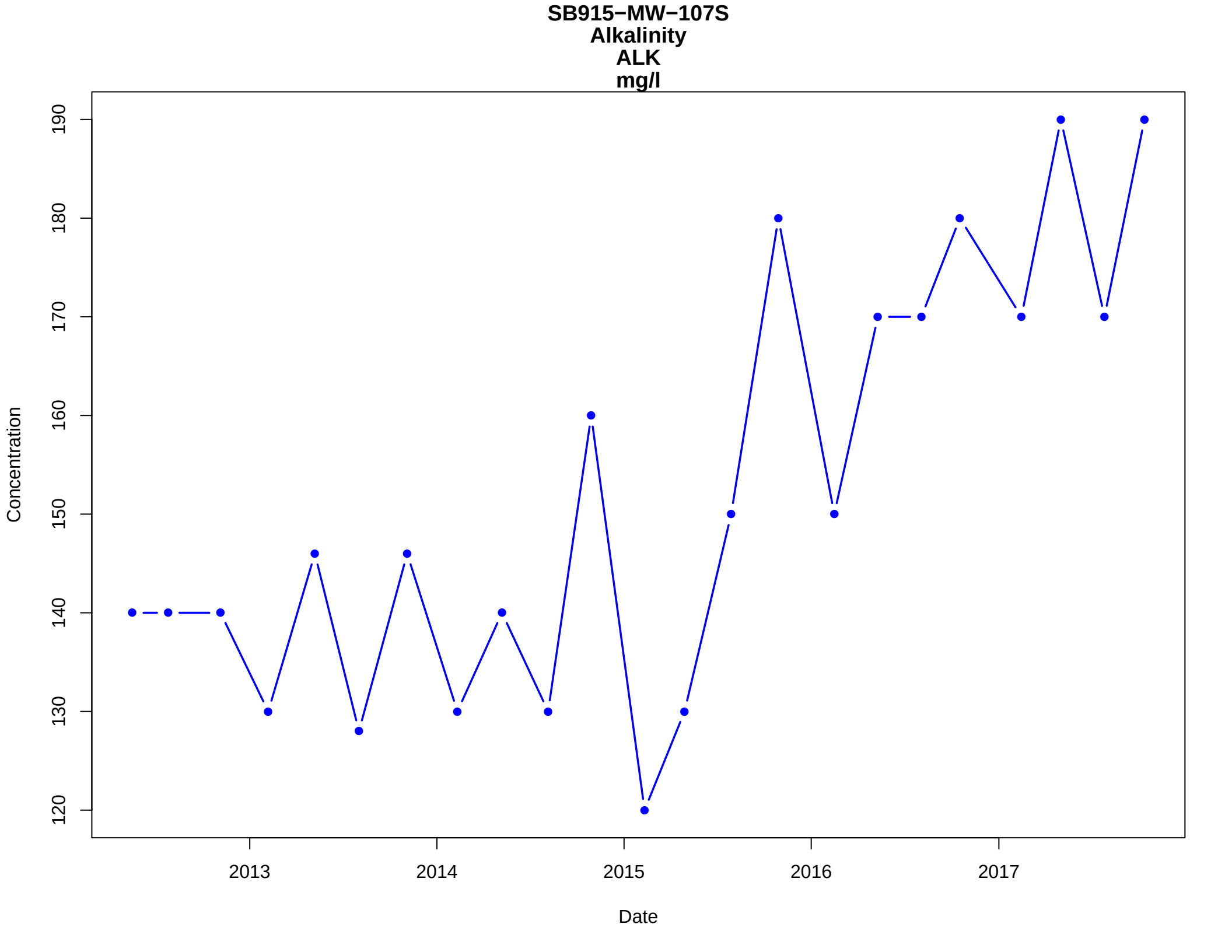

SB915−MW−107S
Nickel
7440−02−0
mg/L
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
2013
2014
2015
2016
2017
Date
J
J
J
J
J
U
J
U
J
J
J
U
J
J
J
U
U
U
J
U
J
U

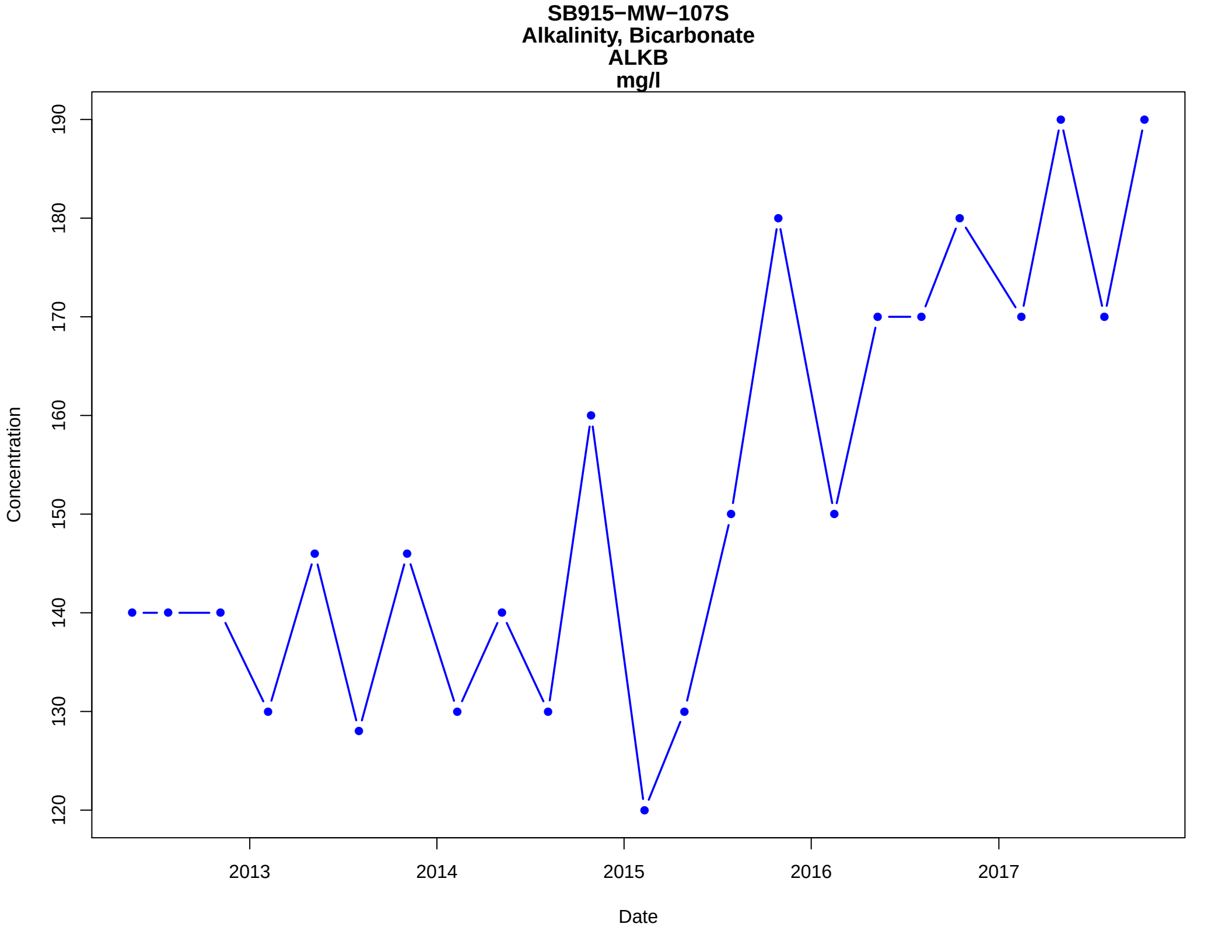

SB915−MW−107S
Sodium
7440−23−5
mg/L
Concentration
8500
8000
7500
7000
6500
6000
5500
J
J
2013
2014
2015
2016
2017
Date

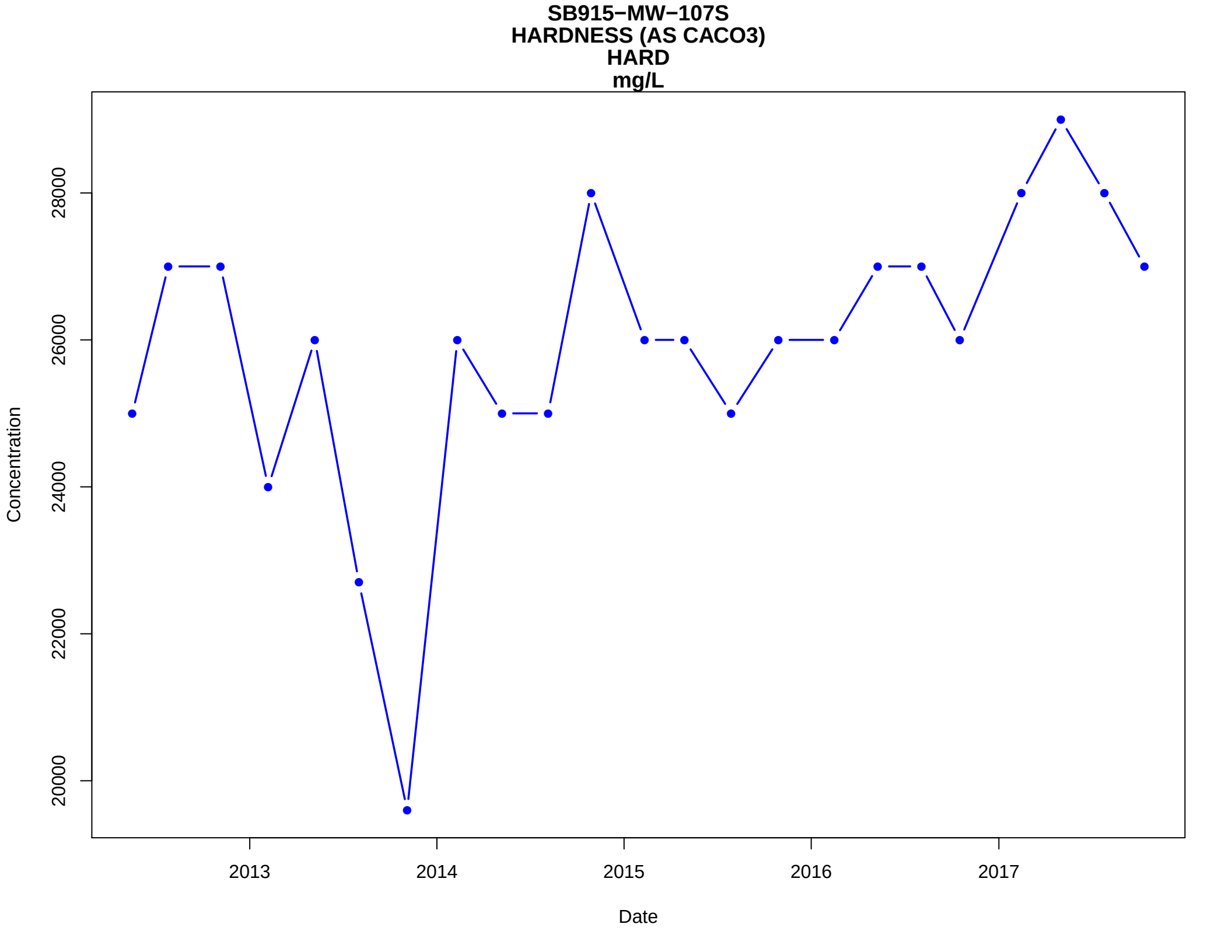

SB915−MW−107S
Barium
7440−39−3
mg/L
Concentration
6
8
10
12
14
2013
2014
2015
2016
2017
Date

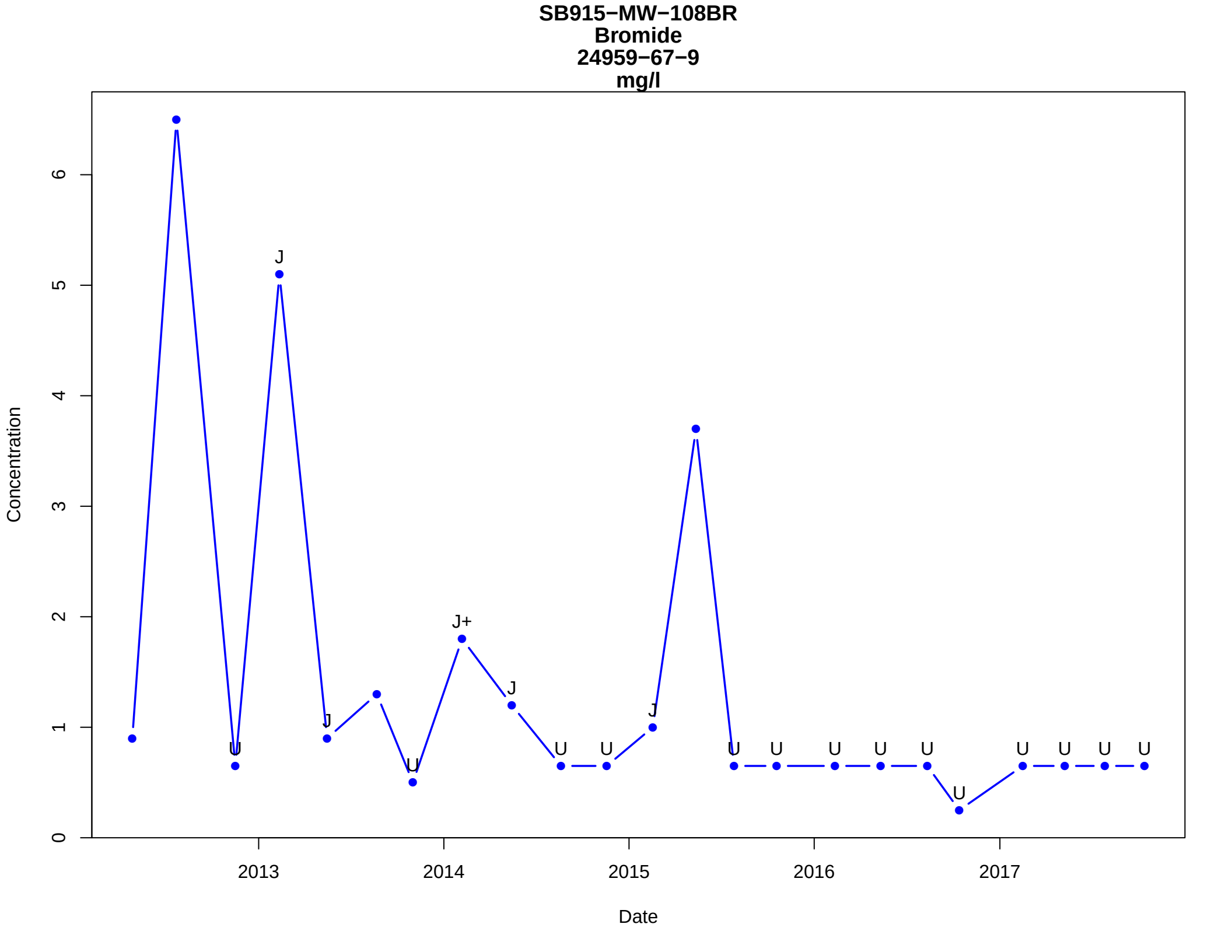

SB915−MW−107S
Calcium
7440−70−2
mg/L
Concentration
11000
10500
10000
9500
9000
8500
8000
J
J
2013
2014
2015
2016
2017
Date

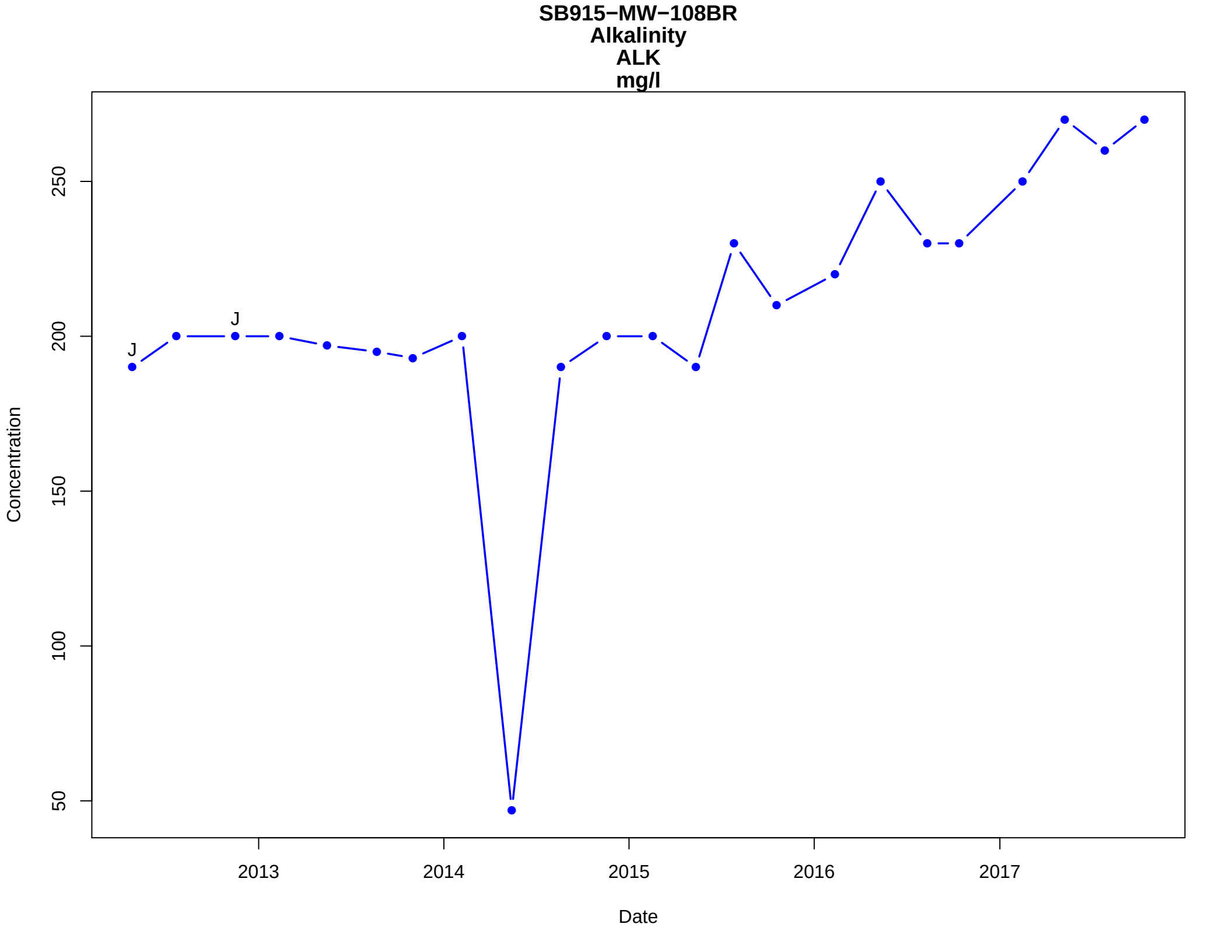

SB915−MW−107S
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
2013
2014
2015
2016
2017
Date
U
U
U
U
U
U
U
U
U
U
J
U
U
J
U
U
J
U
U
J

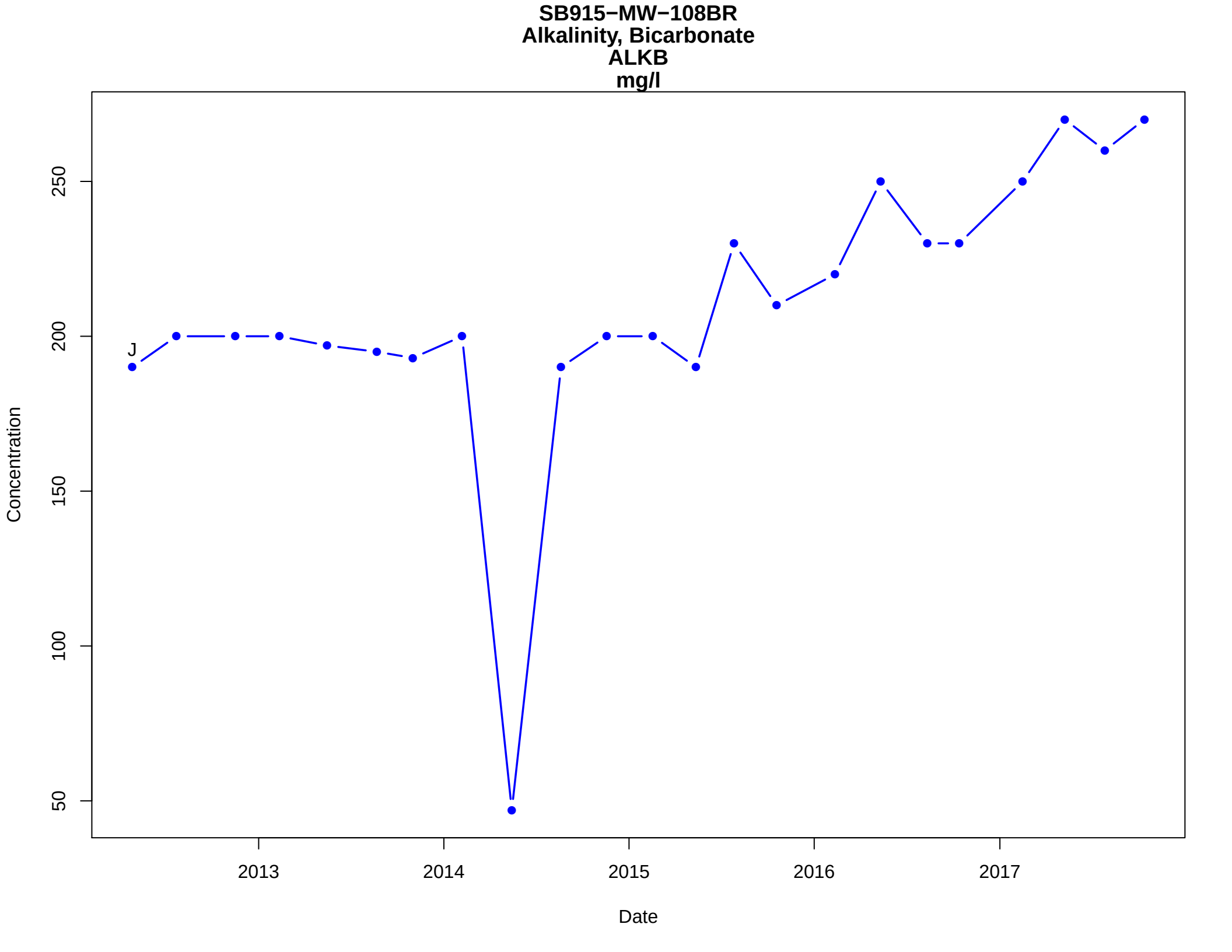

SB915−MW−107S
Alkalinity
ALK
mg/l
Concentration
120
130
140
150
160
170
180
190
2013
2014
2015
2016
2017
Date

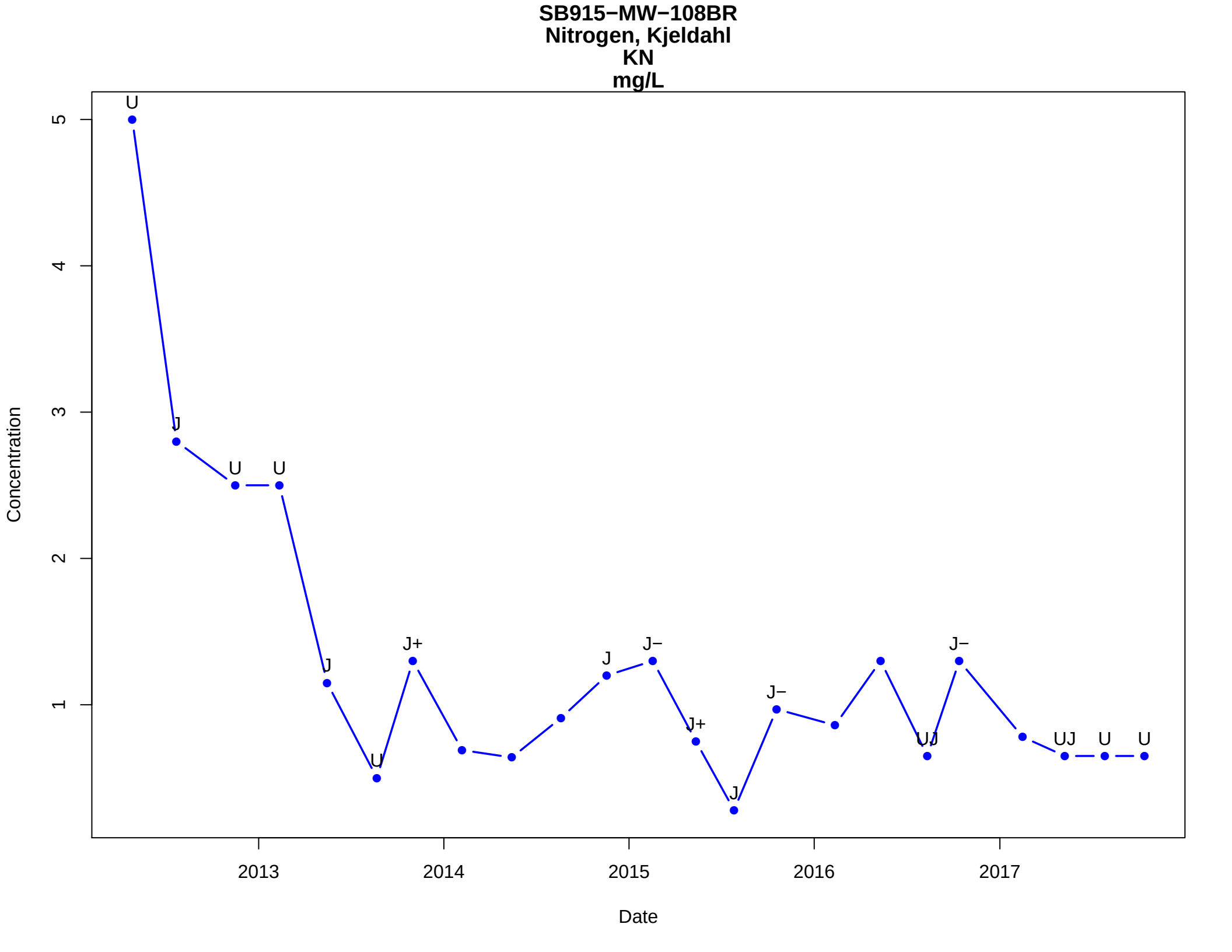

SB915−MW−107S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
120
130
140
150
160
170
180
190
2013
2014
2015
2016
2017
Date

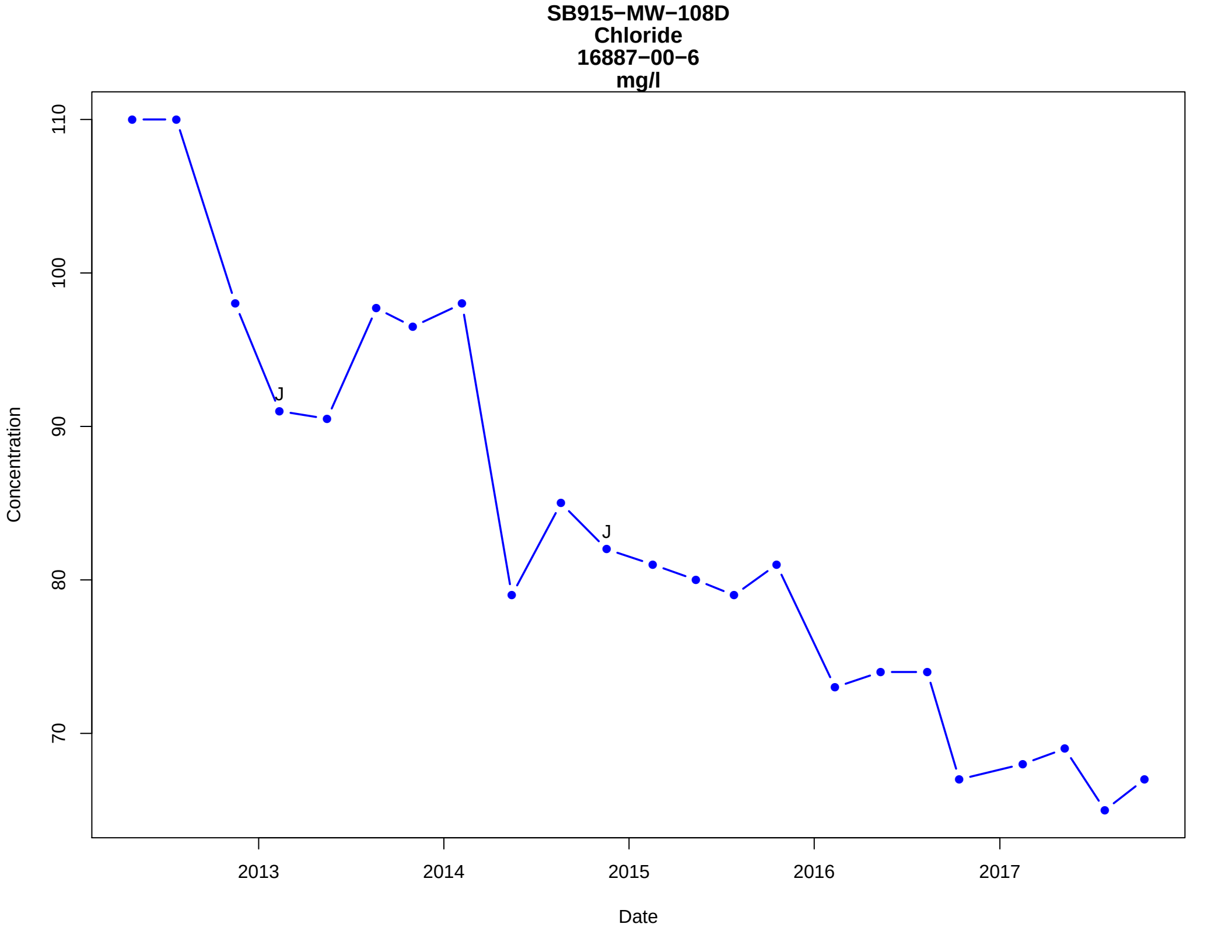

SB915−MW−107S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
20000
22000
24000
26000
28000
2013
2014
2015
2016
2017
Date

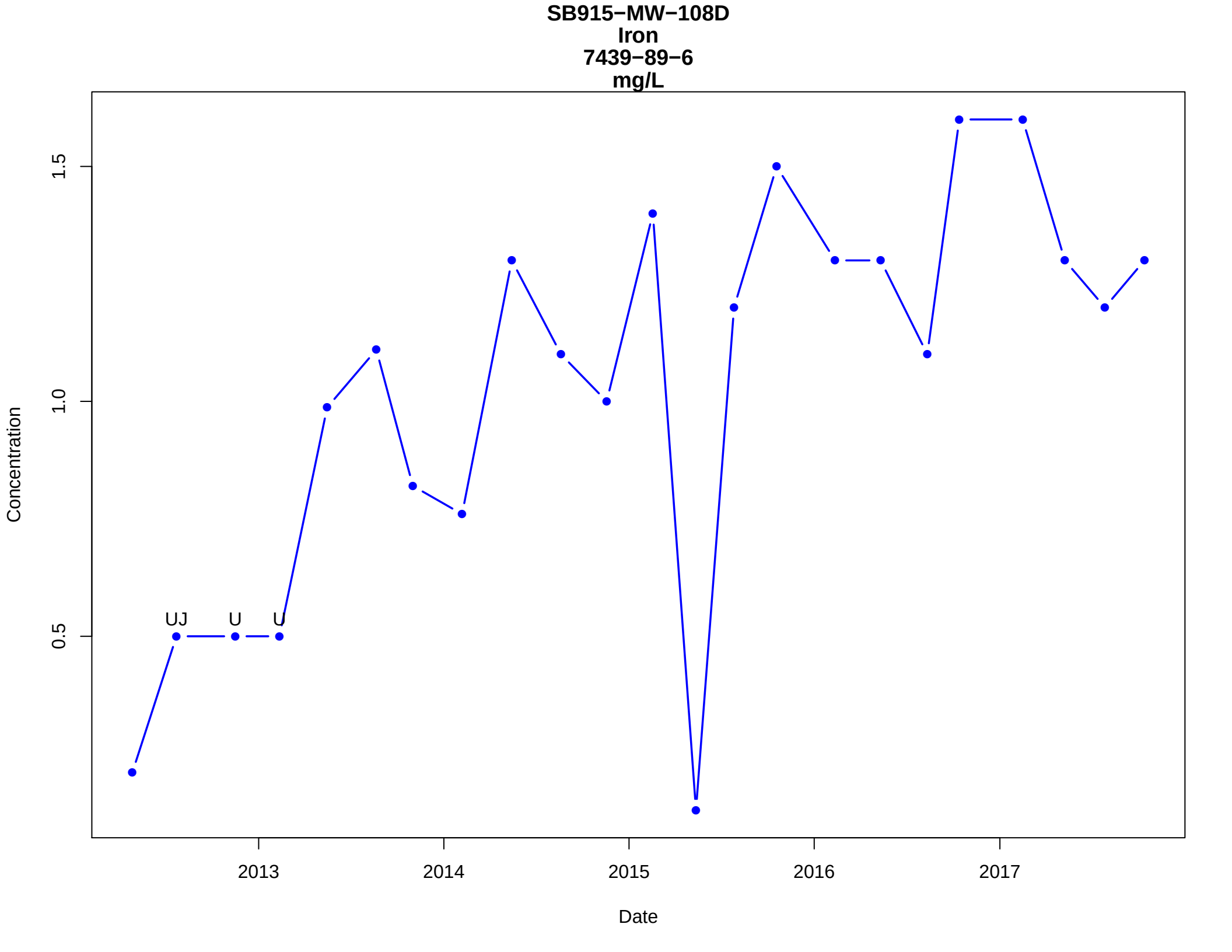

SB915−MW−108BR
Bromide
24959−67−9
mg/l
Concentration
0
1
2
3
4
5
6
J
U
J
U
J+
J
U
U
J
U
U
U
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
Date

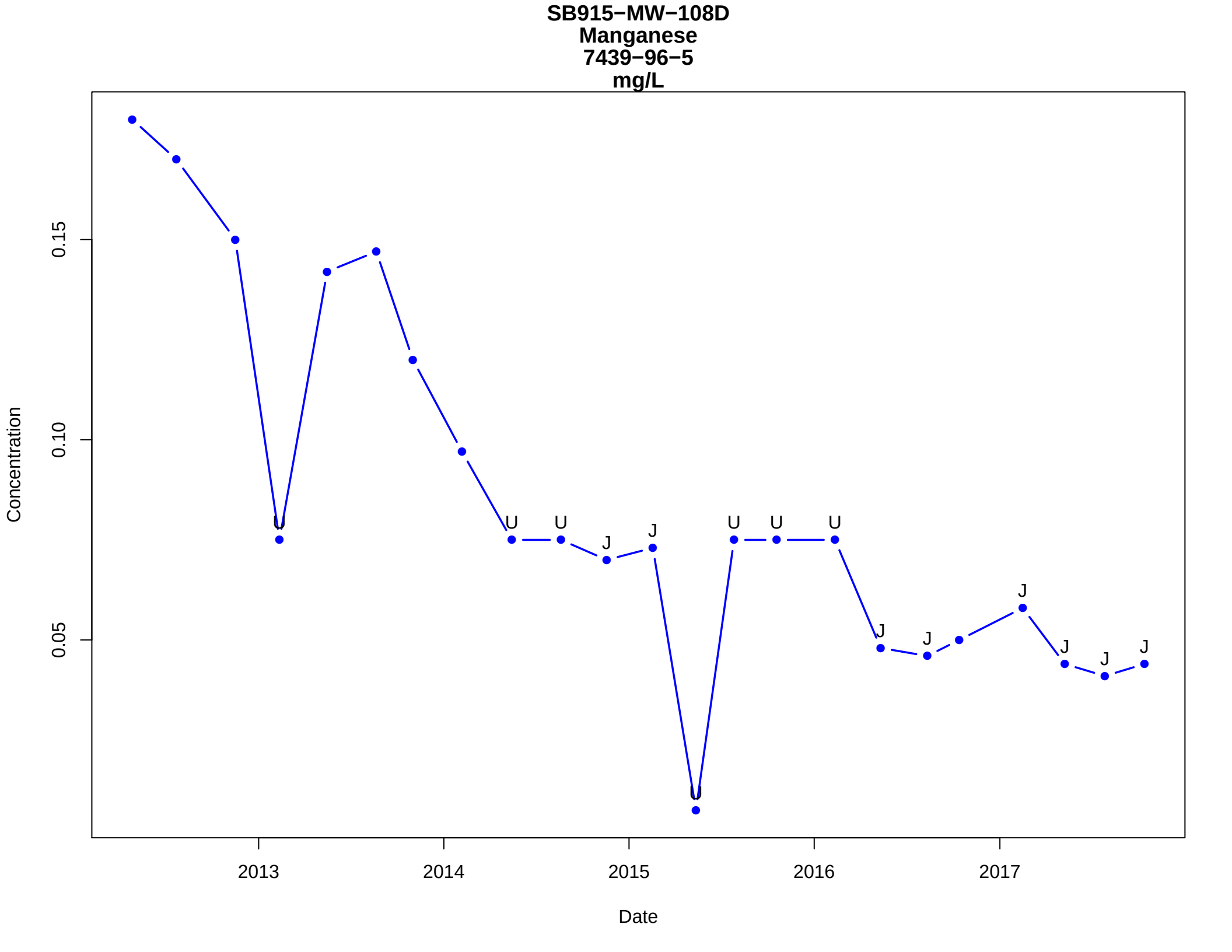

SB915−MW−108BR
Alkalinity
ALK
mg/l
Concentration
50
100
150
200
250
J
J
2013
2014
2015
2016
2017
Date

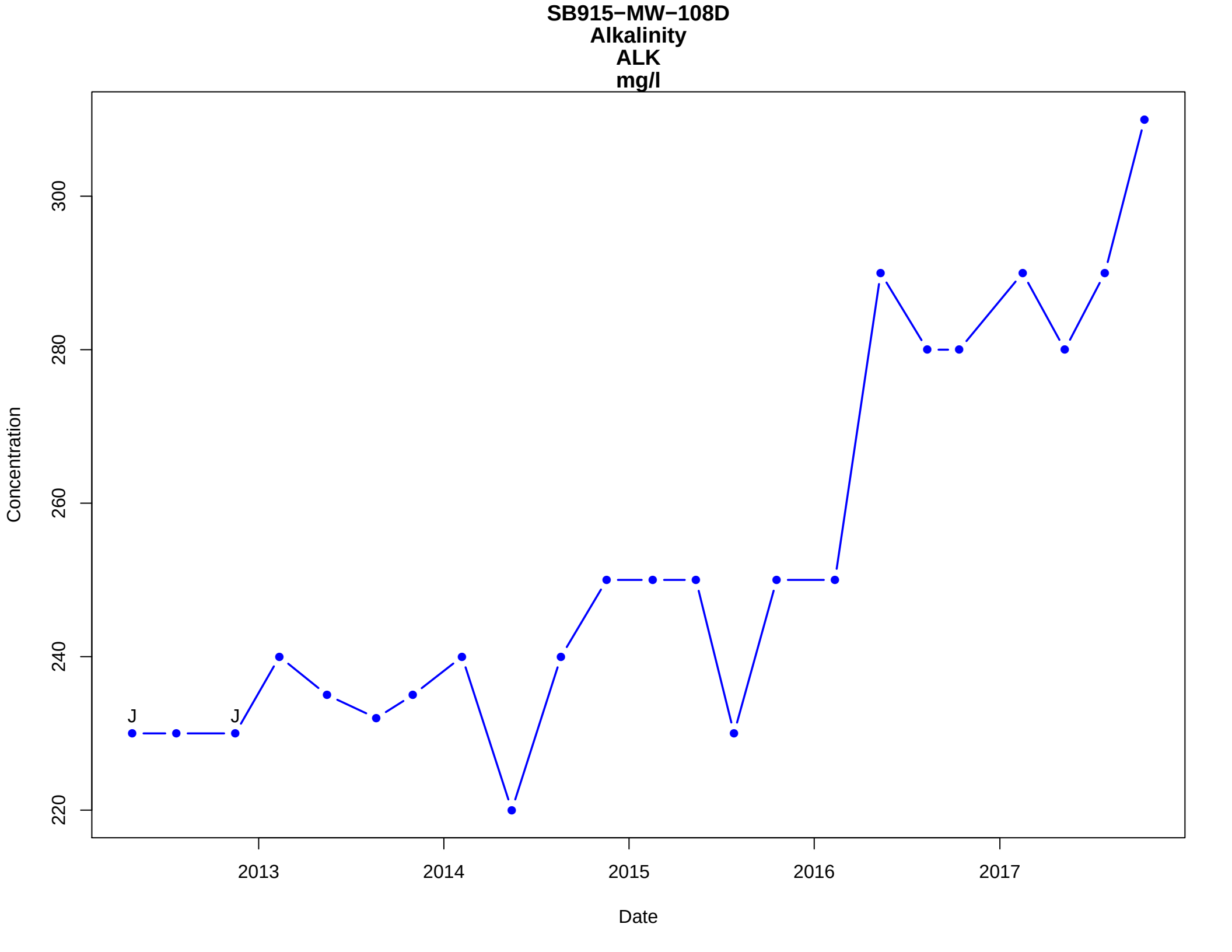

SB915−MW−108BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
50
100
150
200
250
J
2013
2014
2015
2016
2017
Date

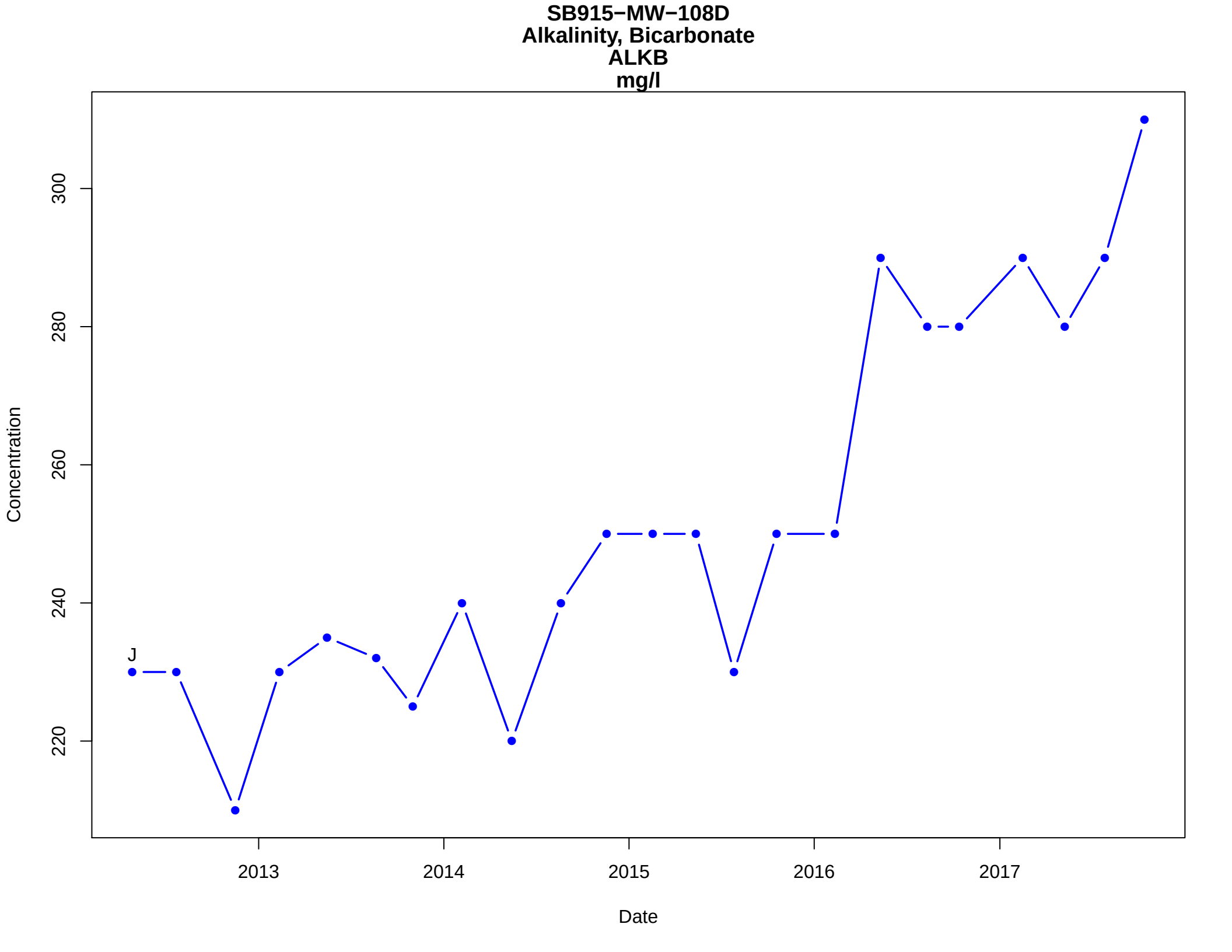

SB915−MW−108BR
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
1
2
3
4
5
2013
2014
2015
2016
2017
U
J
U
U
J
U
J+
J
J−
J+
J
J−
UJ
J−
UJ
U
U

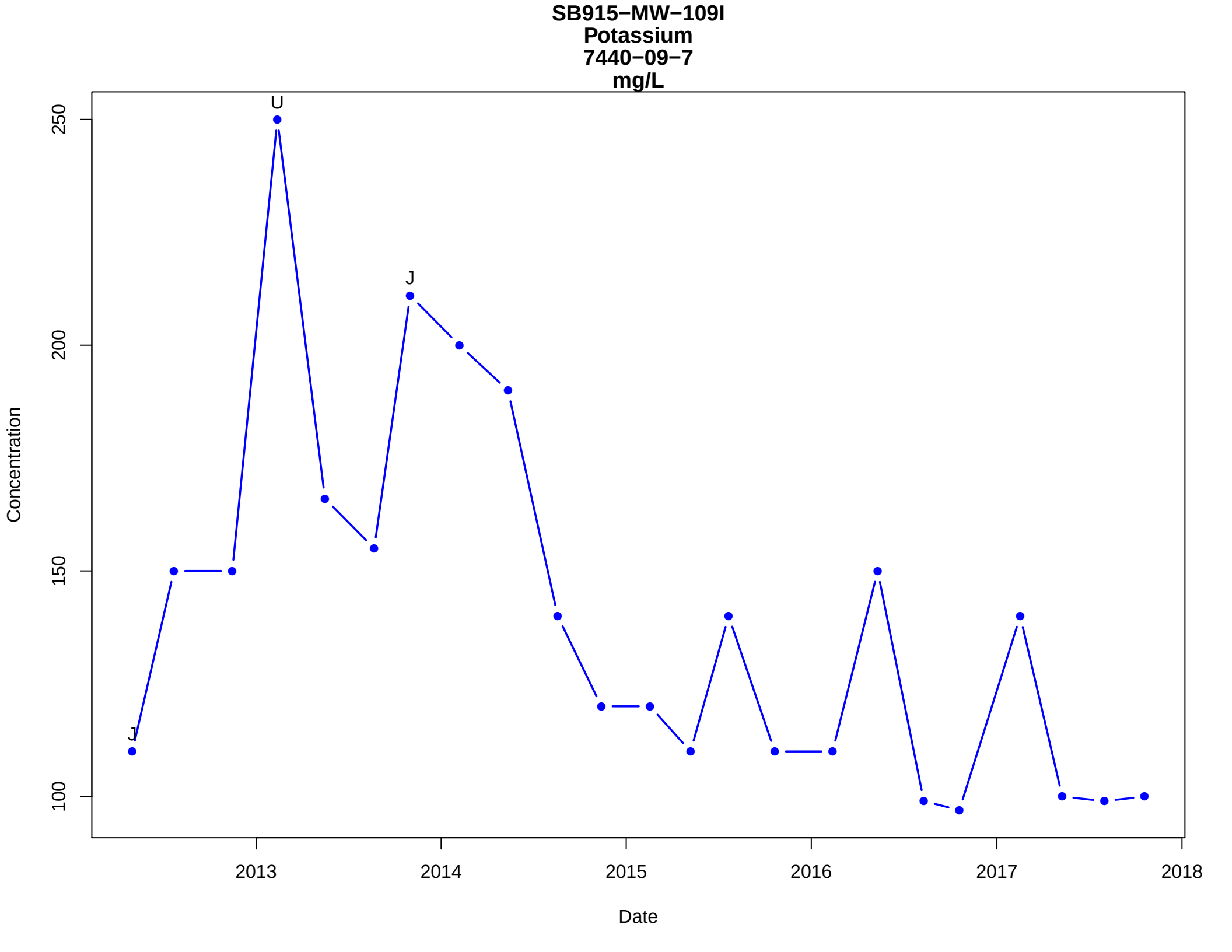

SB915−MW−108D
Chloride
16887−00−6
mg/l
Concentration
110
100
90
80
70
J
J
2013
2014
2015
2016
2017
Date

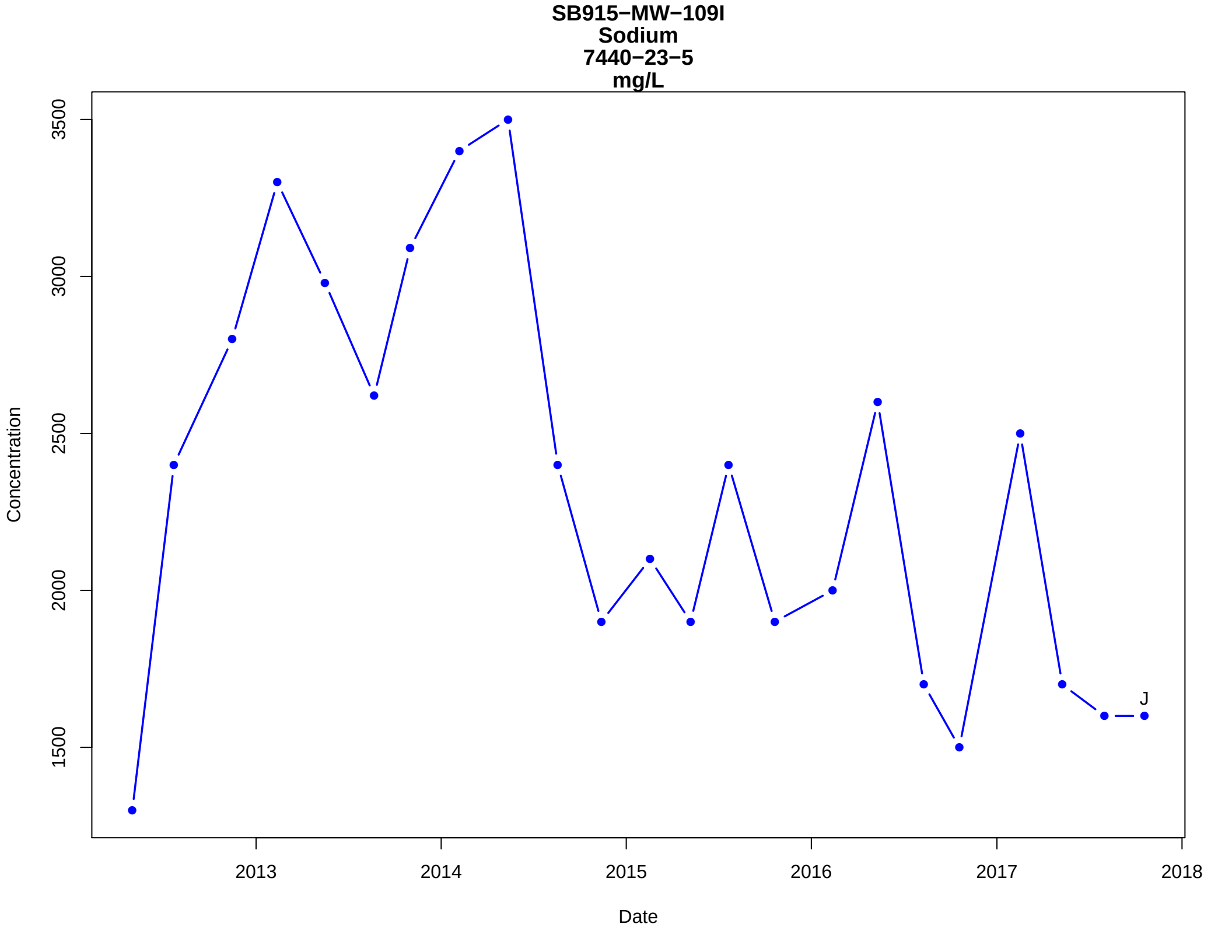

SB915−MW−108D
Iron
7439−89−6
mg/L
Concentration
0.5
1.0
1.5
UJ
U
U
2013
2014
2015
2016
2017
Date

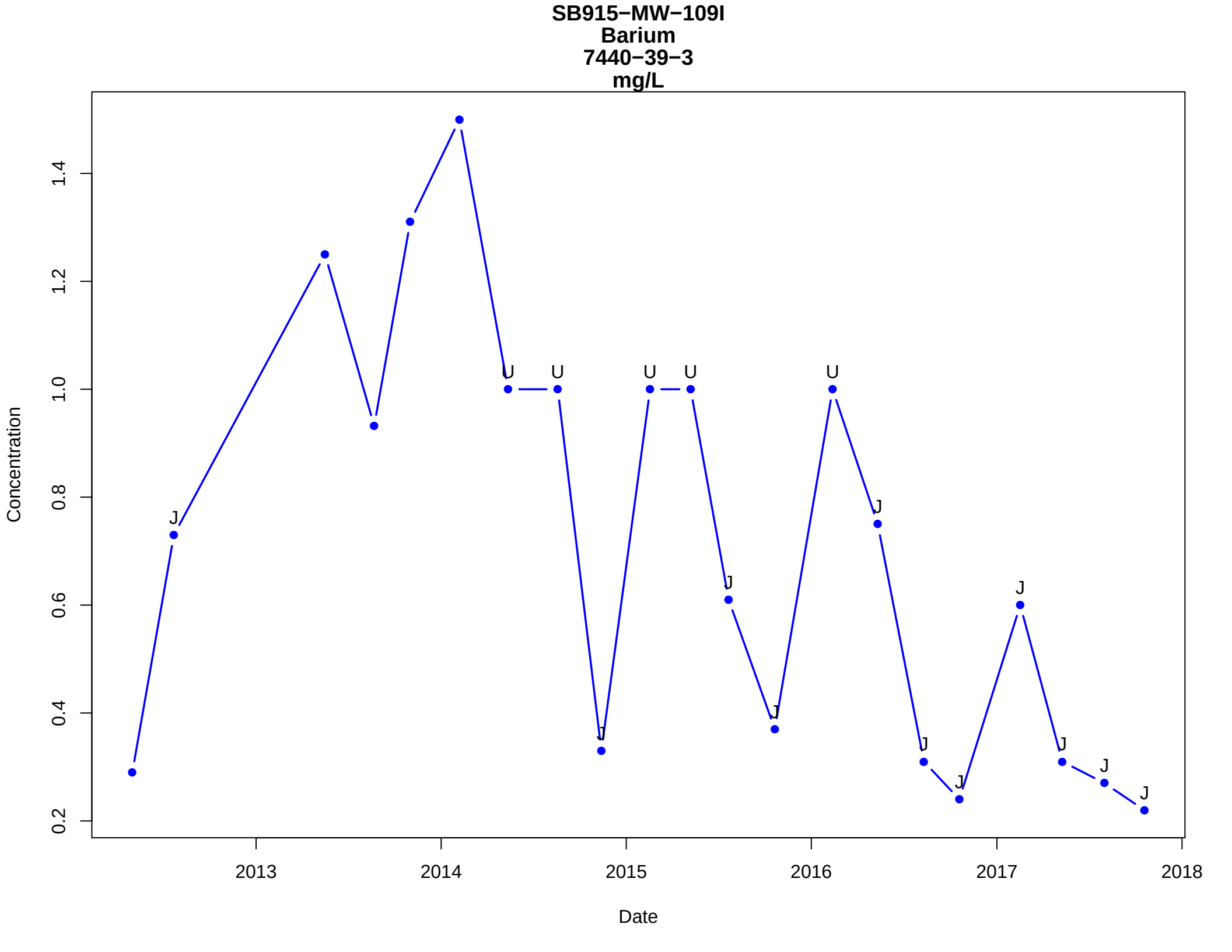

SB915−MW−108D
Manganese
7439−96−5
mg/L
Concentration
0.15
0.10
0.05
U
U
U
J
J
U
U
U
J
J
J
J
J
J
2013
2014
2015
2016
2017
Date

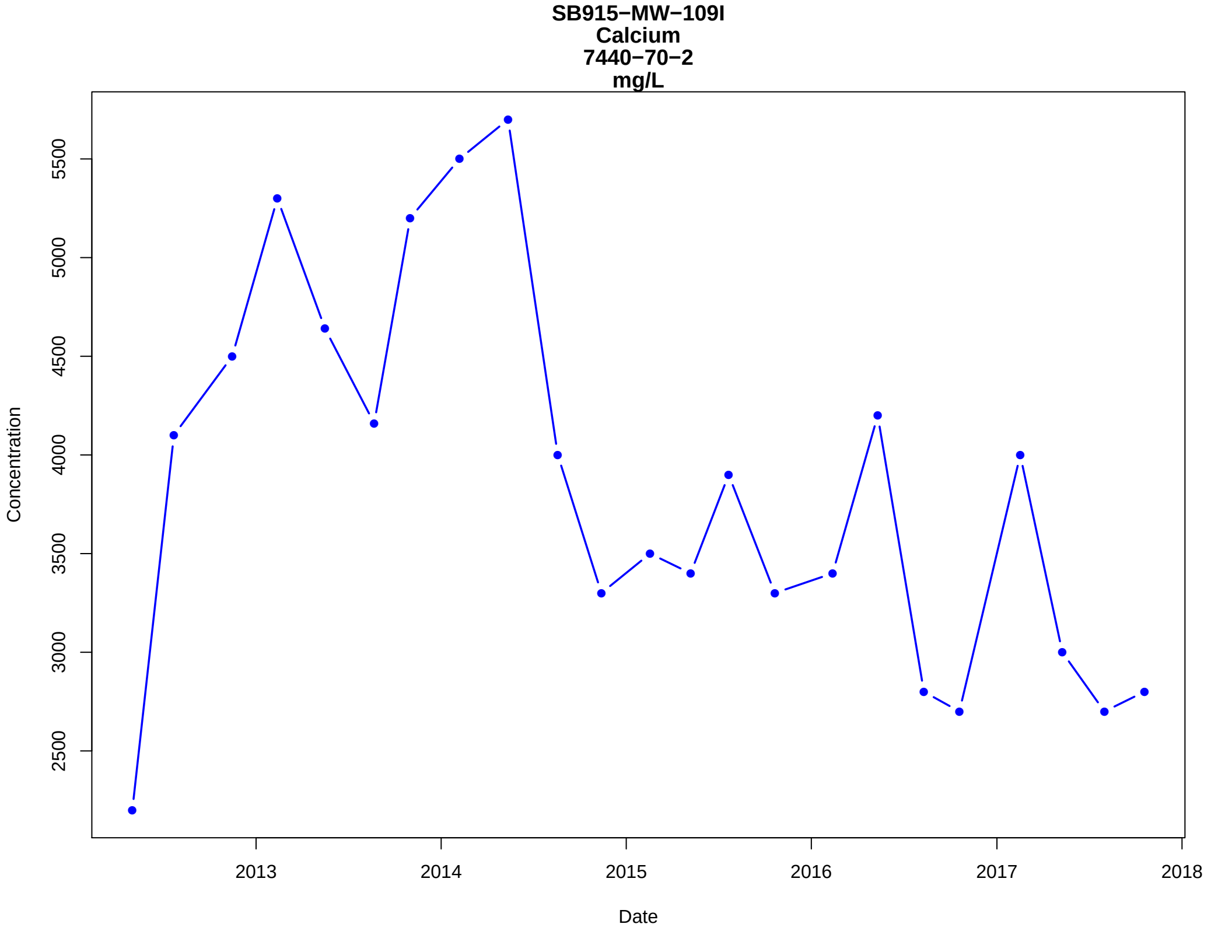

SB915−MW−108D
Alkalinity
ALK
mg/l
Concentration
220
240
260
280
300
J
J
2013
2014
2015
2016
2017
Date

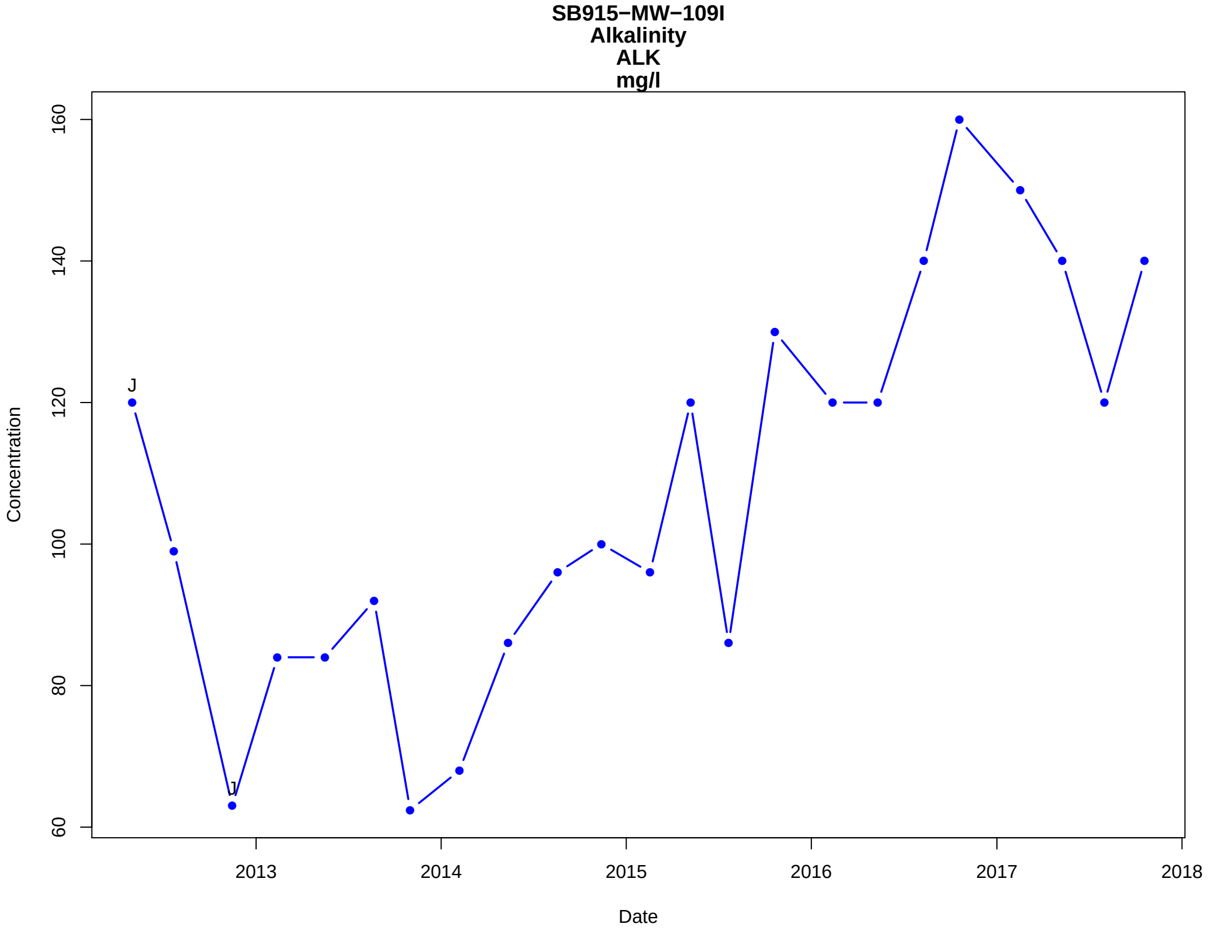

SB915−MW−108D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
220
240
260
280
300
J
2013
2014
2015
2016
2017
Date

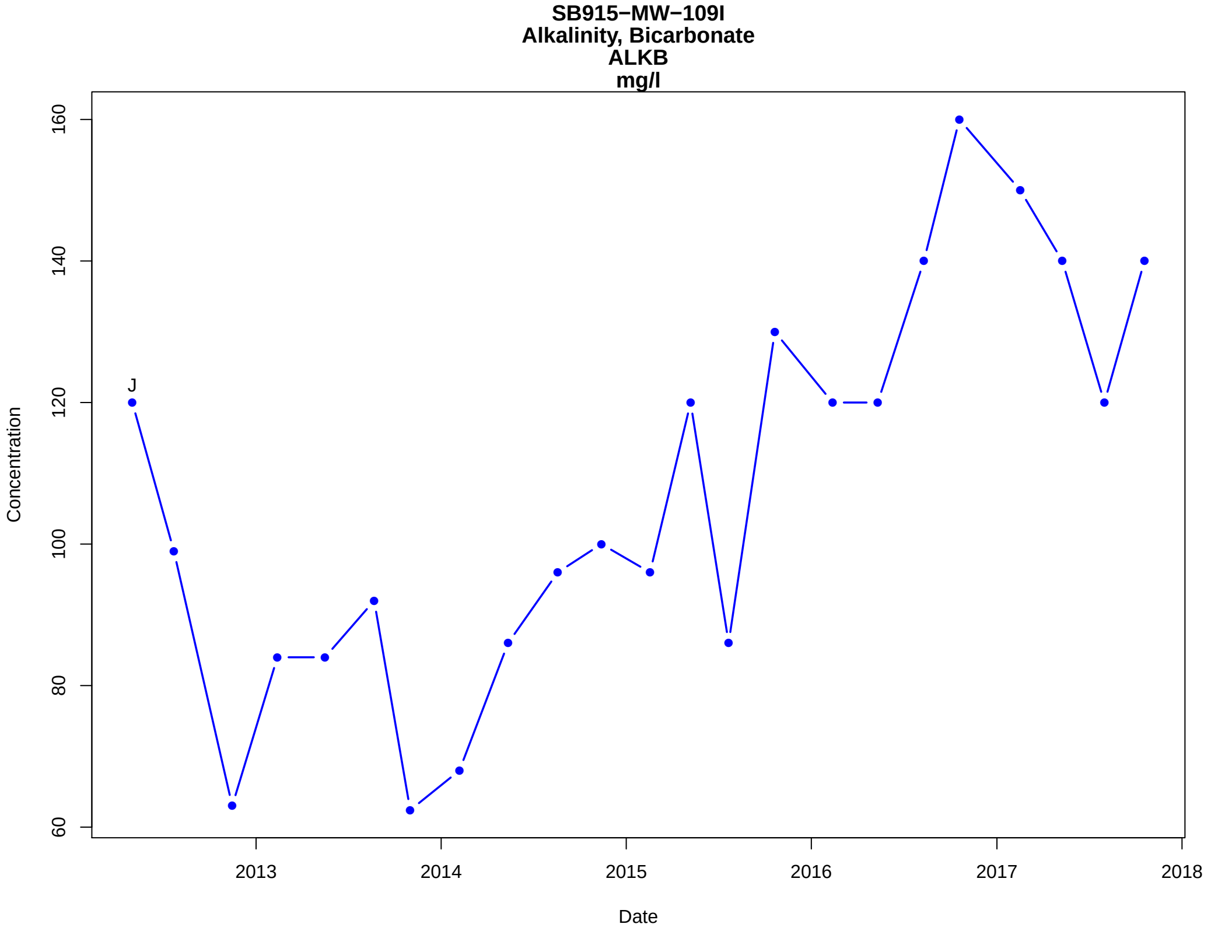

SB915−MW−109I
Potassium
7440−09−7
mg/L
Concentration
250
200
150
100
U
J
J
2013
2014
2015
2016
2017
2018
Date

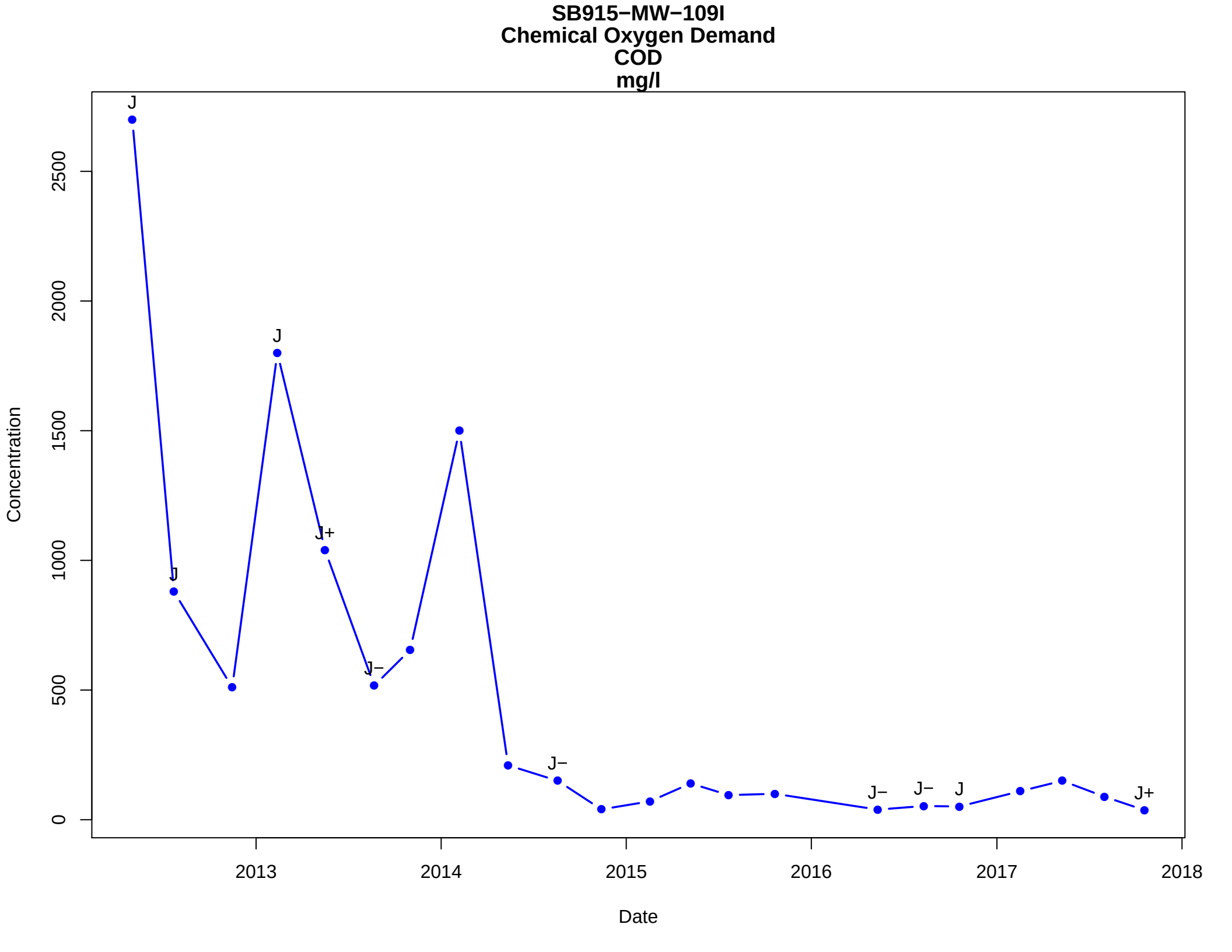

SB915−MW−109I
Sodium
7440−23−5
mg/L
Concentration
3500
3000
2500
2000
1500
2013
2014
2015
2016
2017
2018
Date
J

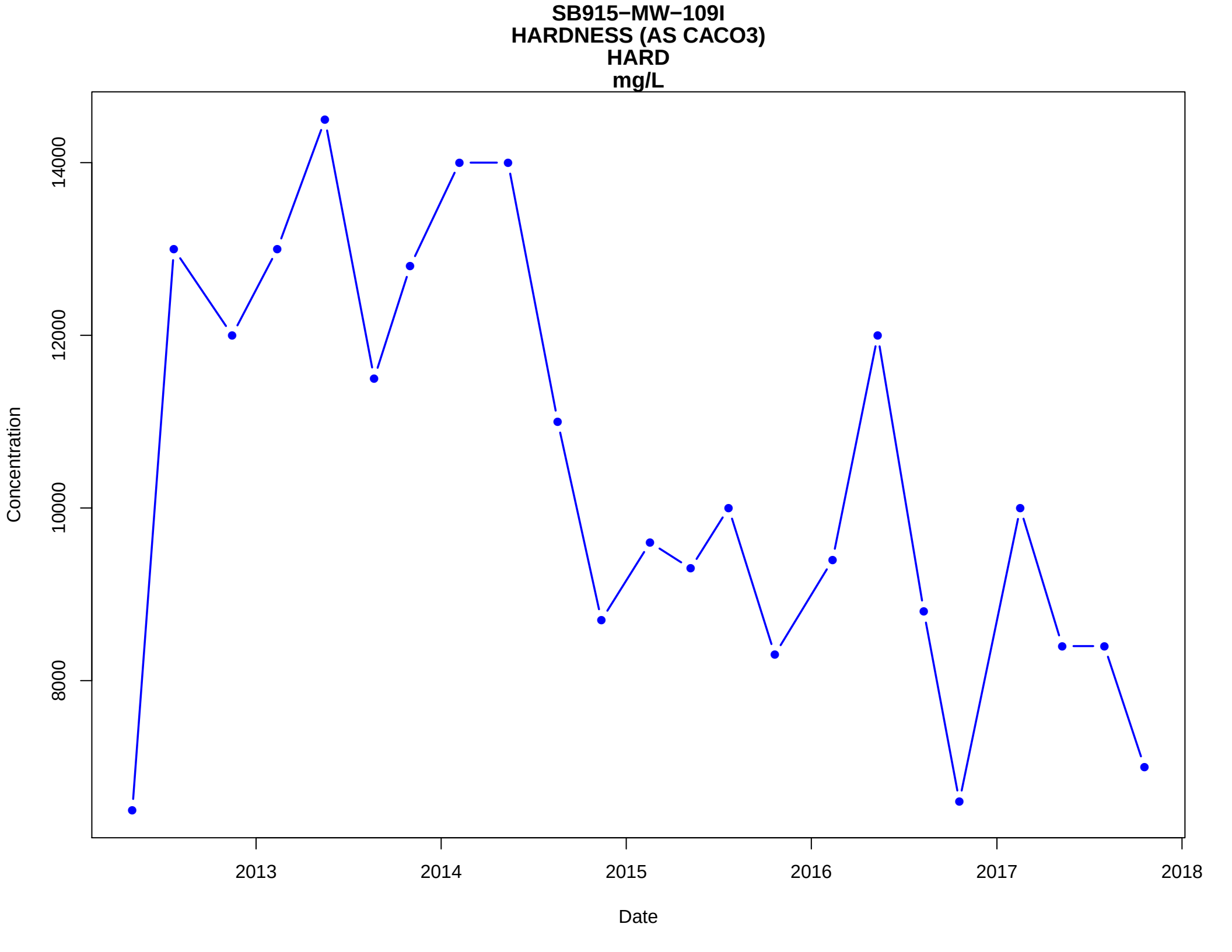

SB915−MW−109I
Barium
7440−39−3
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
1.2
1.4
J
U
2013
2014
2015
2016
2017
2018
Date

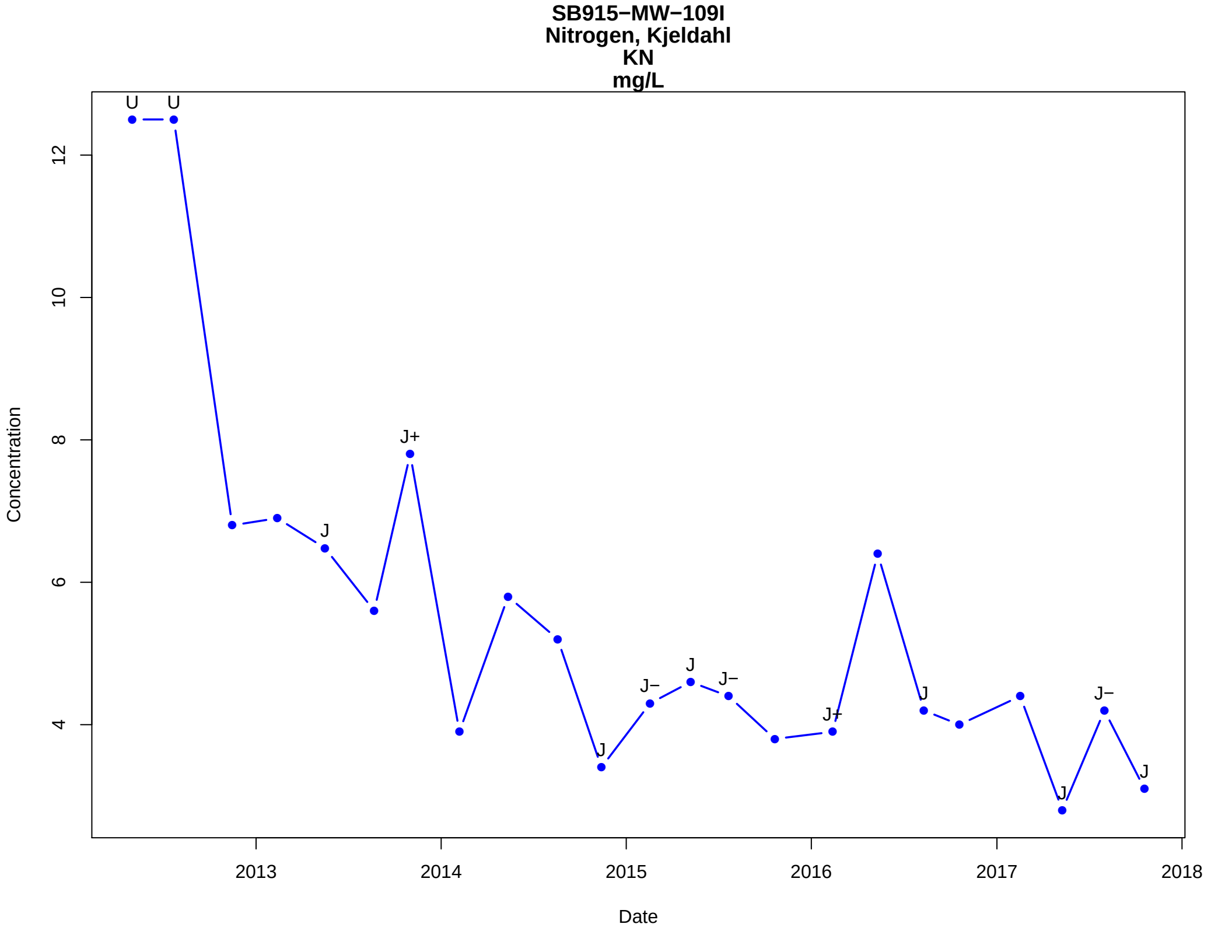

SB915−MW−109I
Calcium
7440−70−2
mg/L
Concentration
2500
3000
3500
4000
4500
5000
5500
2013
2014
2015
2016
2017
2018
Date

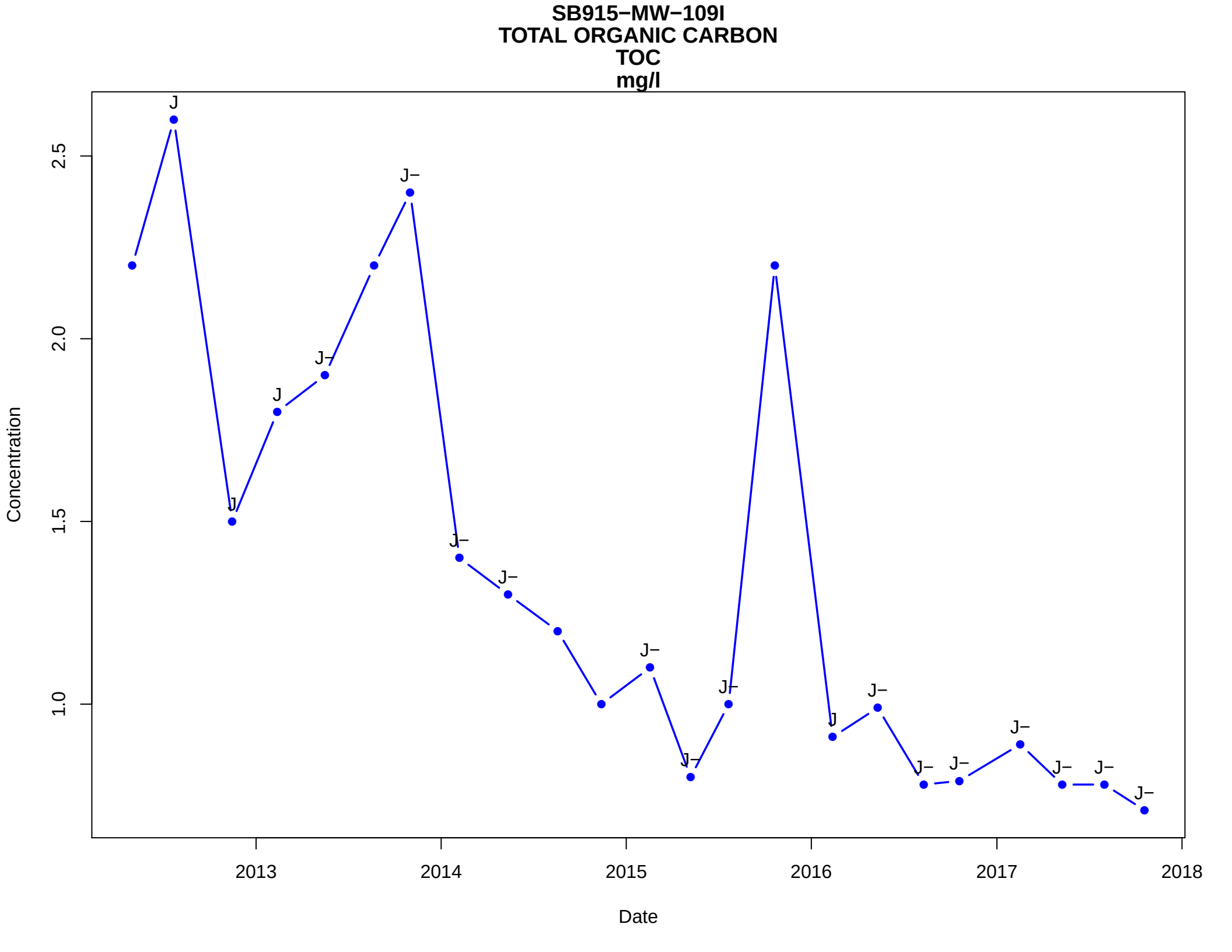

SB915−MW−109I
Alkalinity
ALK
mg/l
Concentration
60
80
100
120
140
160
J
J
2013
2014
2015
2016
2017
2018
Date

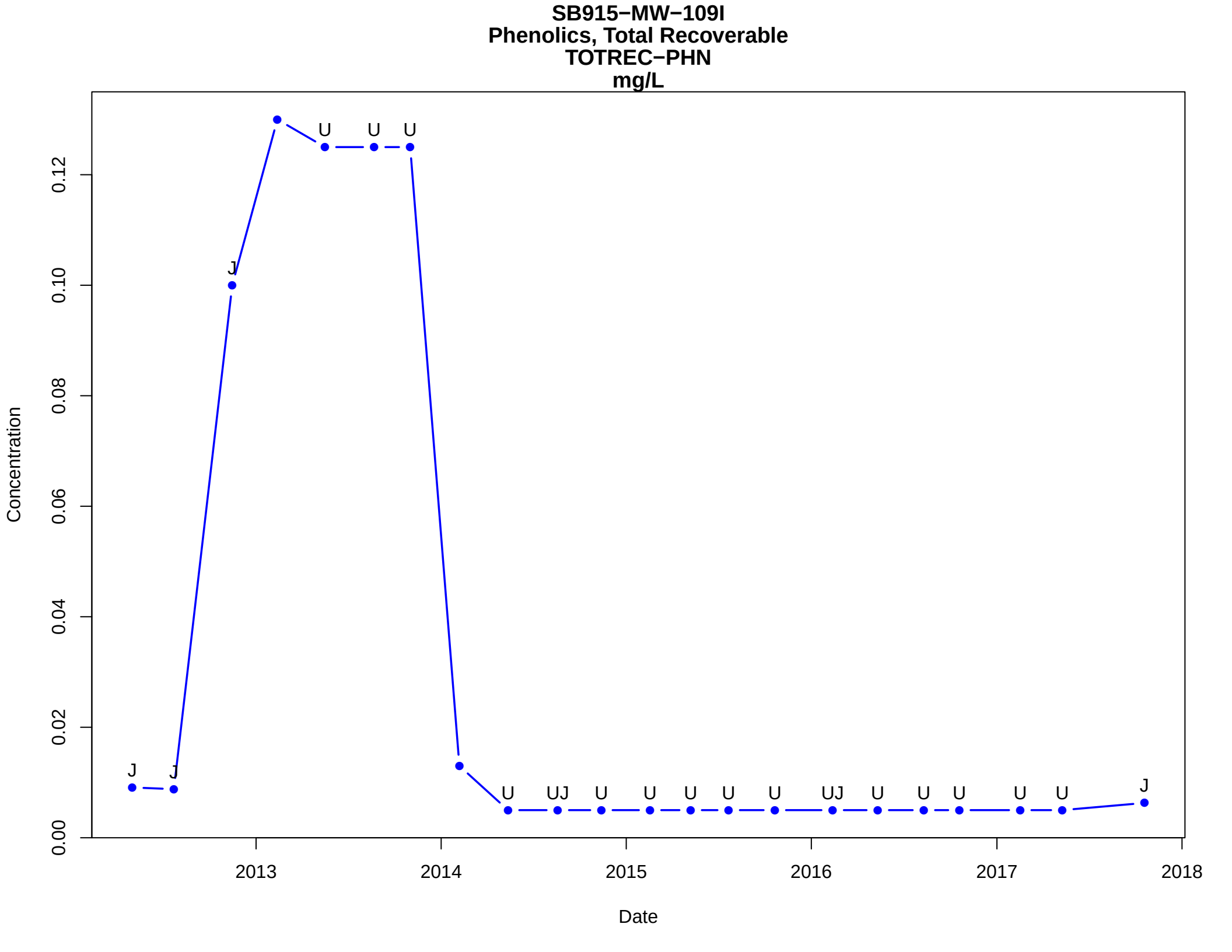

SB915−MW−109I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
60
80
100
120
140
160
J
2013
2014
2015
2016
2017
2018
Date

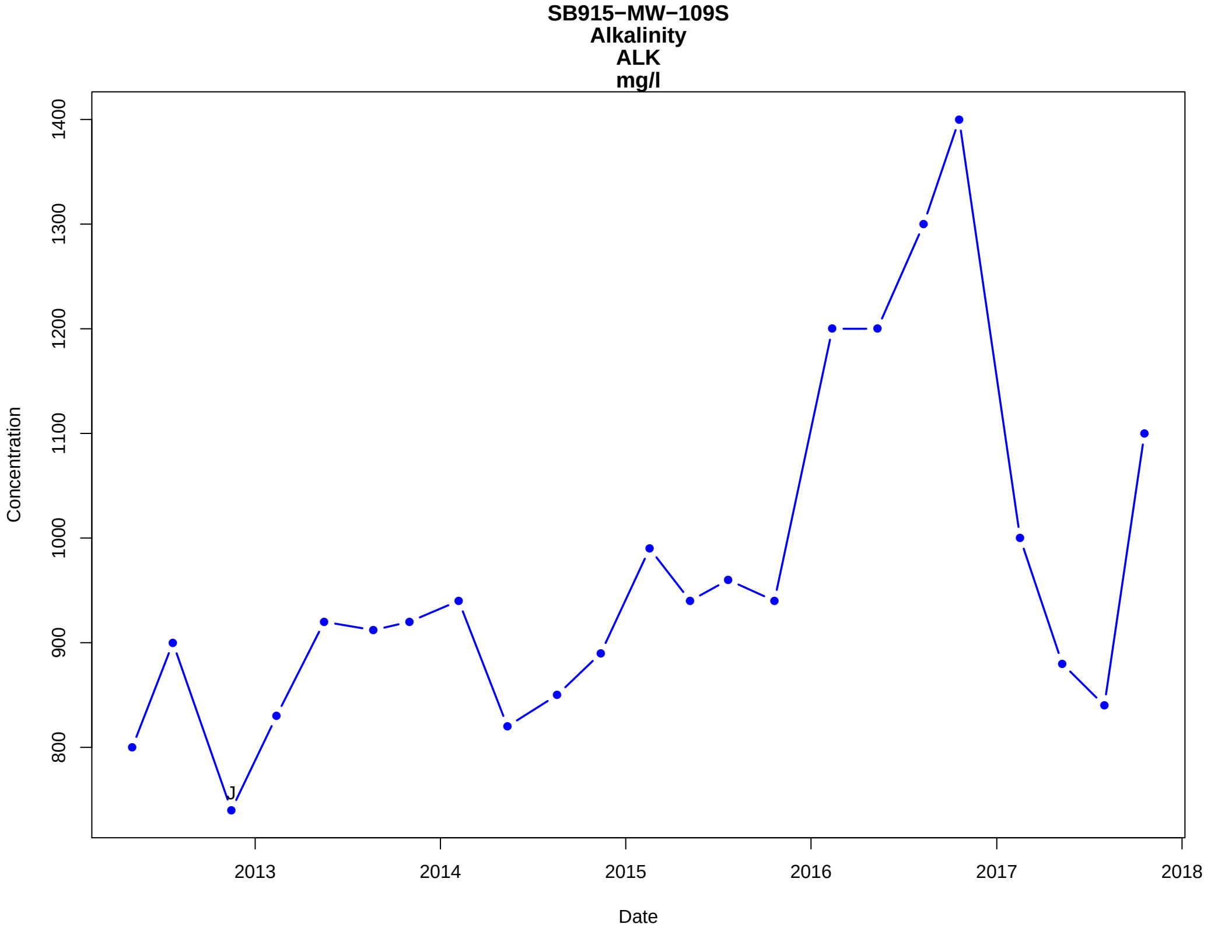

SB915−MW−109I
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
2013
2014
2015
2016
2017
2018
Date
J
J
J
J+
J−
J−
J−
J−
J
J+

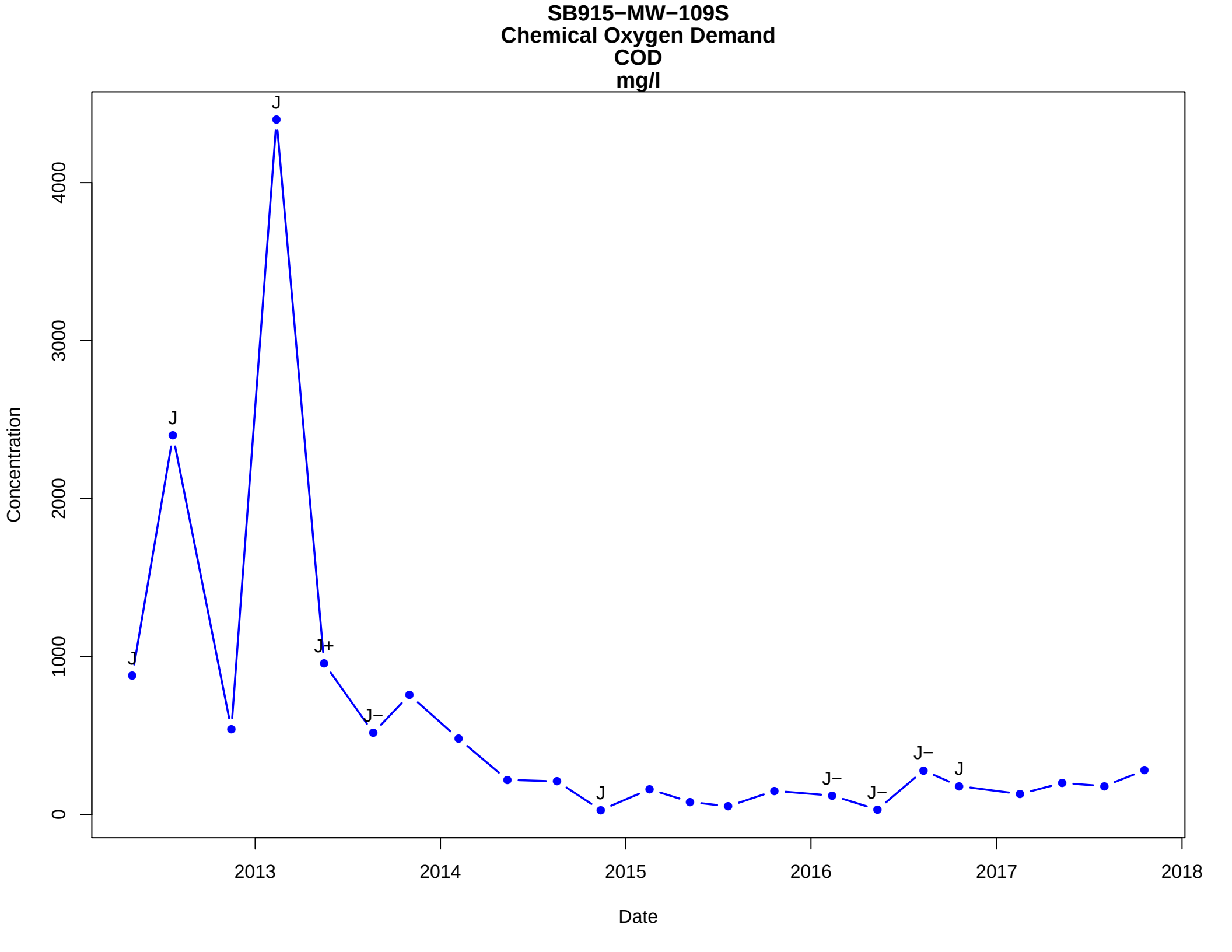

SB915−MW−109I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
14000
12000
10000
8000
2013
2014
2015
2016
2017
2018
Date

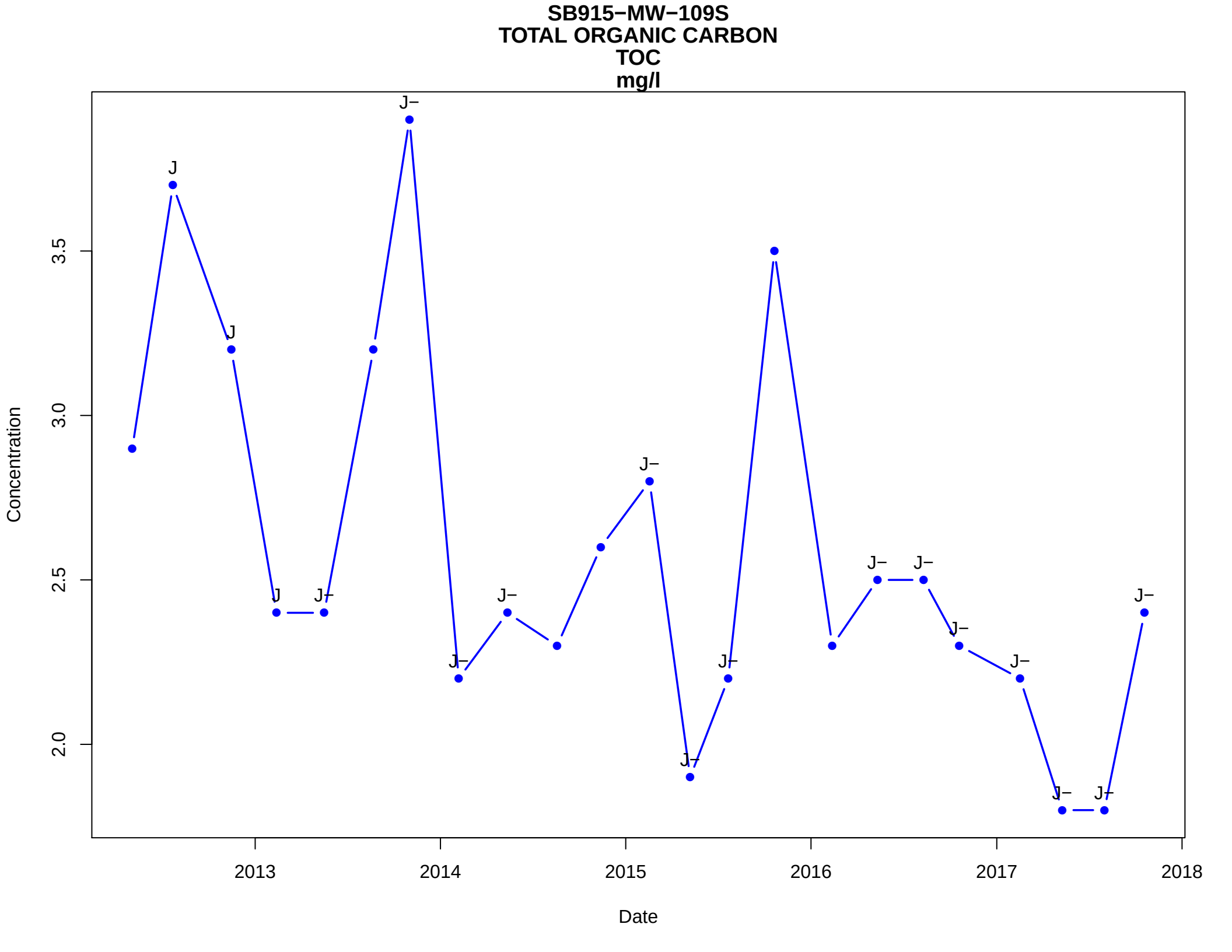

SB915−MW−109I
Nitrogen, Kjeldahl
KN
mg/L
U
U
J
J+
J
J−
J
J−
J+
J
J−
J
Concentration
4
6
8
10
12
2013
2014
2015
2016
2017
2018
Date

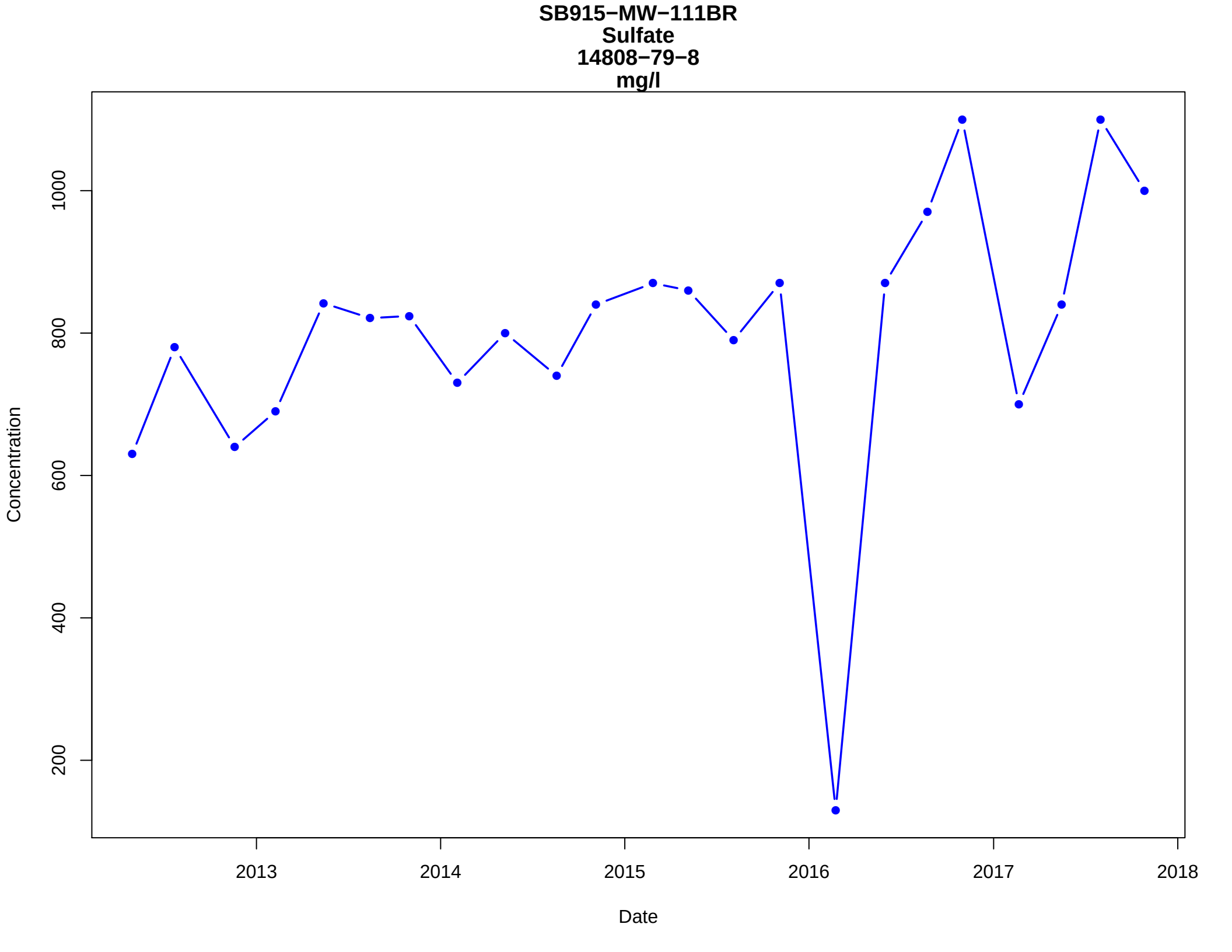

SB915−MW−109I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1.0
1.5
2.0
2.5
2013
2014
2015
2016
2017
2018
J
J
J
J−
J−
J−
J−
J−
J−
J−
J
J−
J−
J−
J−
J−
J−

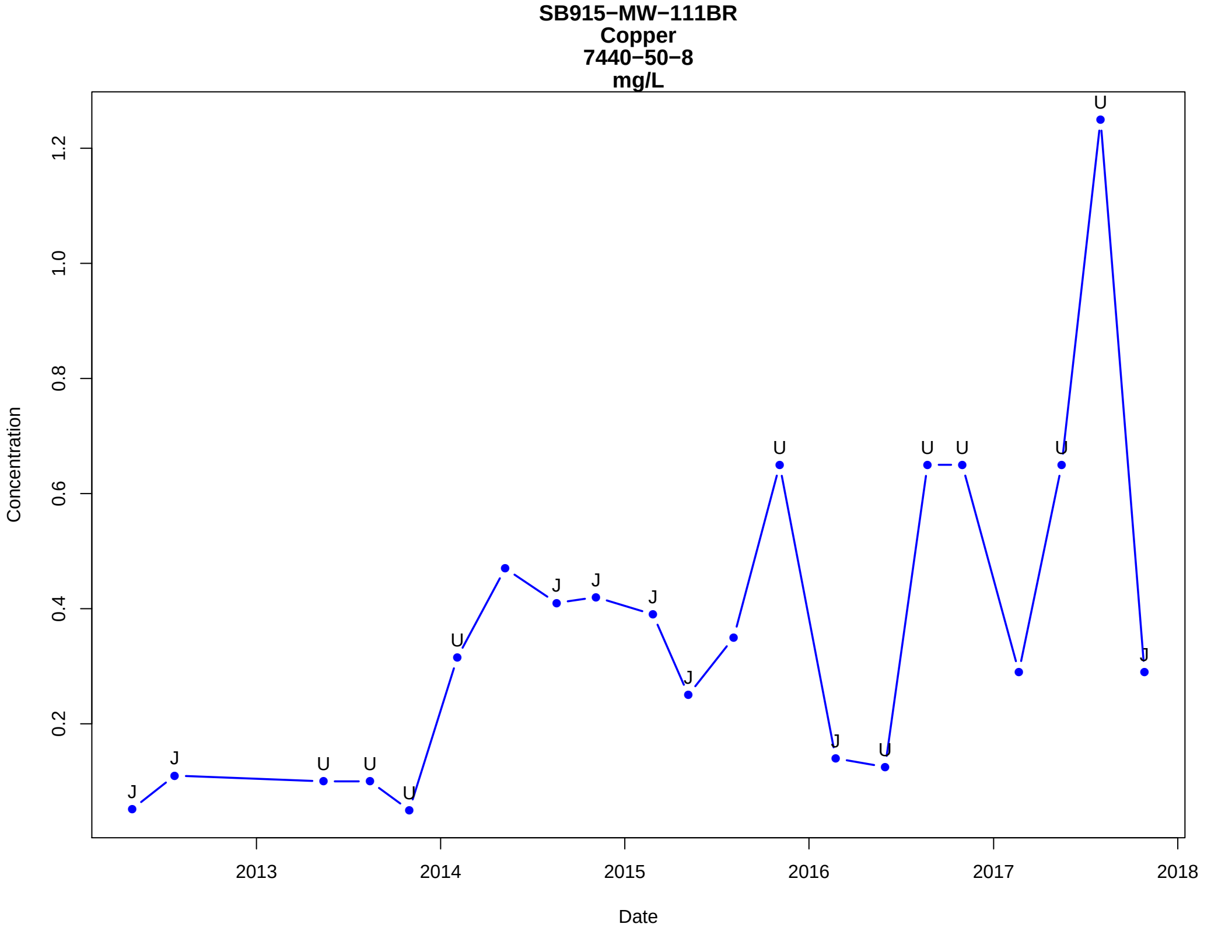

SB915−MW−109I
Phenolics, Total Recoverable
TOTREC−PHN
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
J
J
J
U
U
U
U
UJ
U
U
U
U
U
UJ
U
U
U
U
U
J
2013
2014
2015
2016
2017
2018
Date

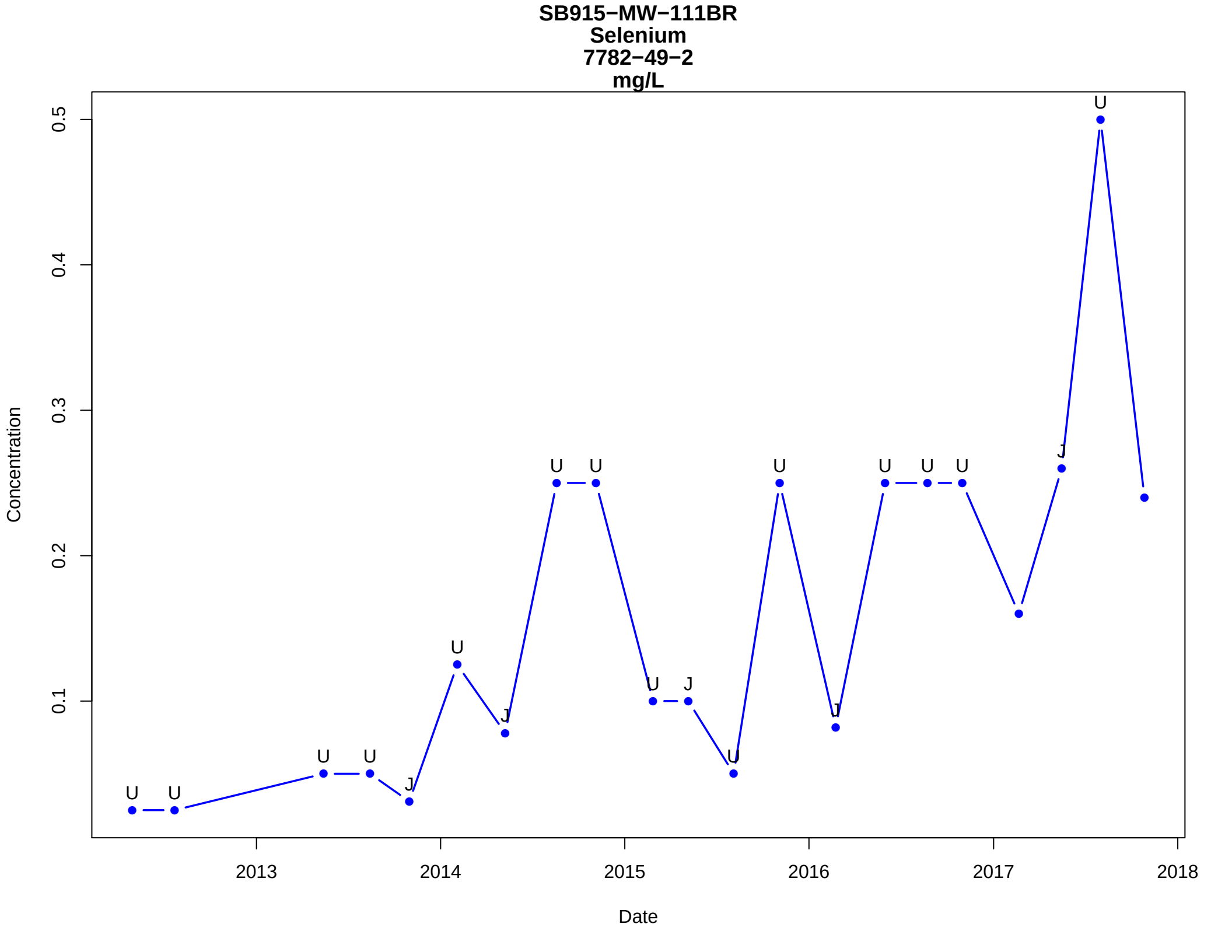

SB915−MW−109S
Alkalinity
ALK
mg/l
Concentration
800
900
1000
1100
1200
1300
1400
J
2013
2014
2015
2016
2017
2018
Date

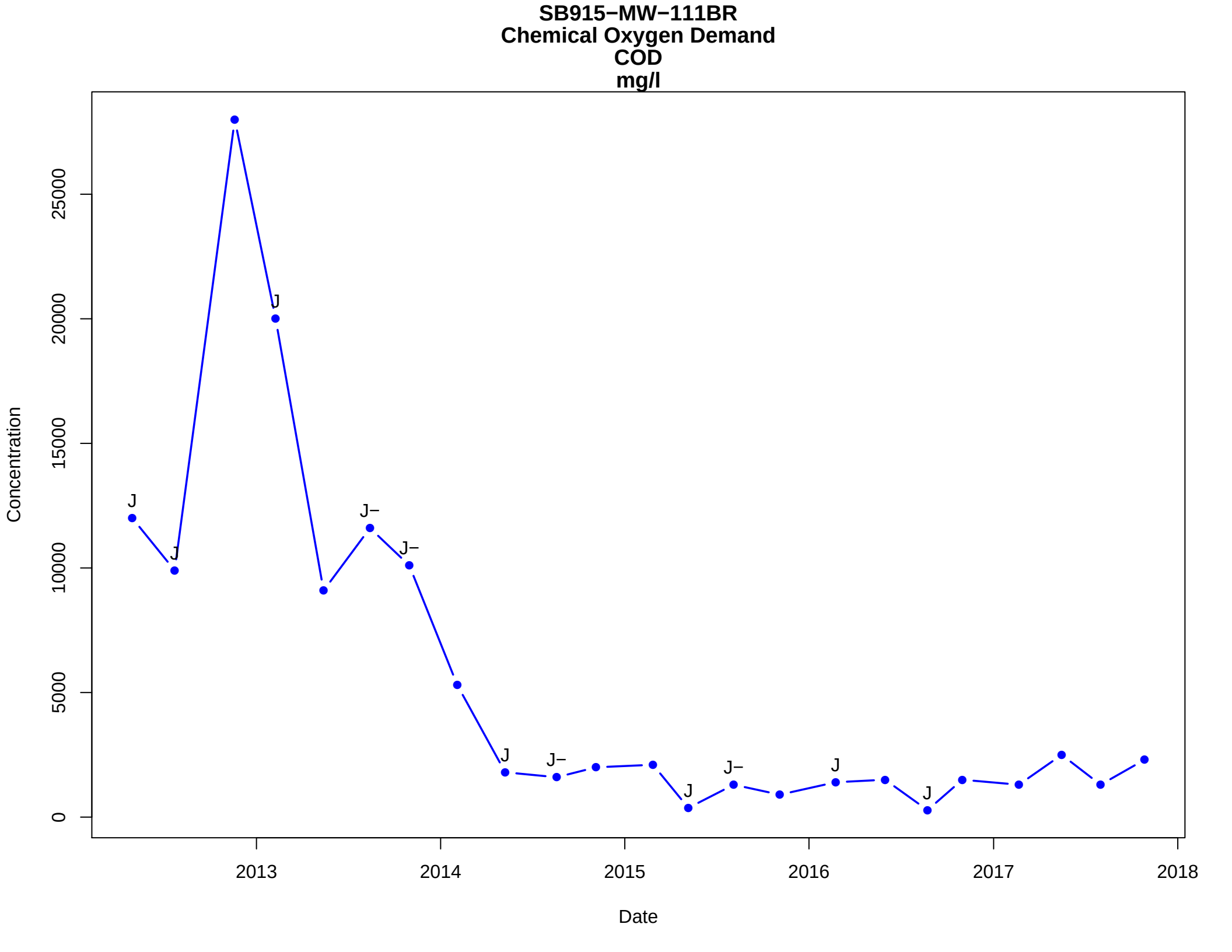

SB915−MW−109S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
J
J
J
J+
J−
J
J−
J−
J−
J
2013
2014
2015
2016
2017
2018
Date

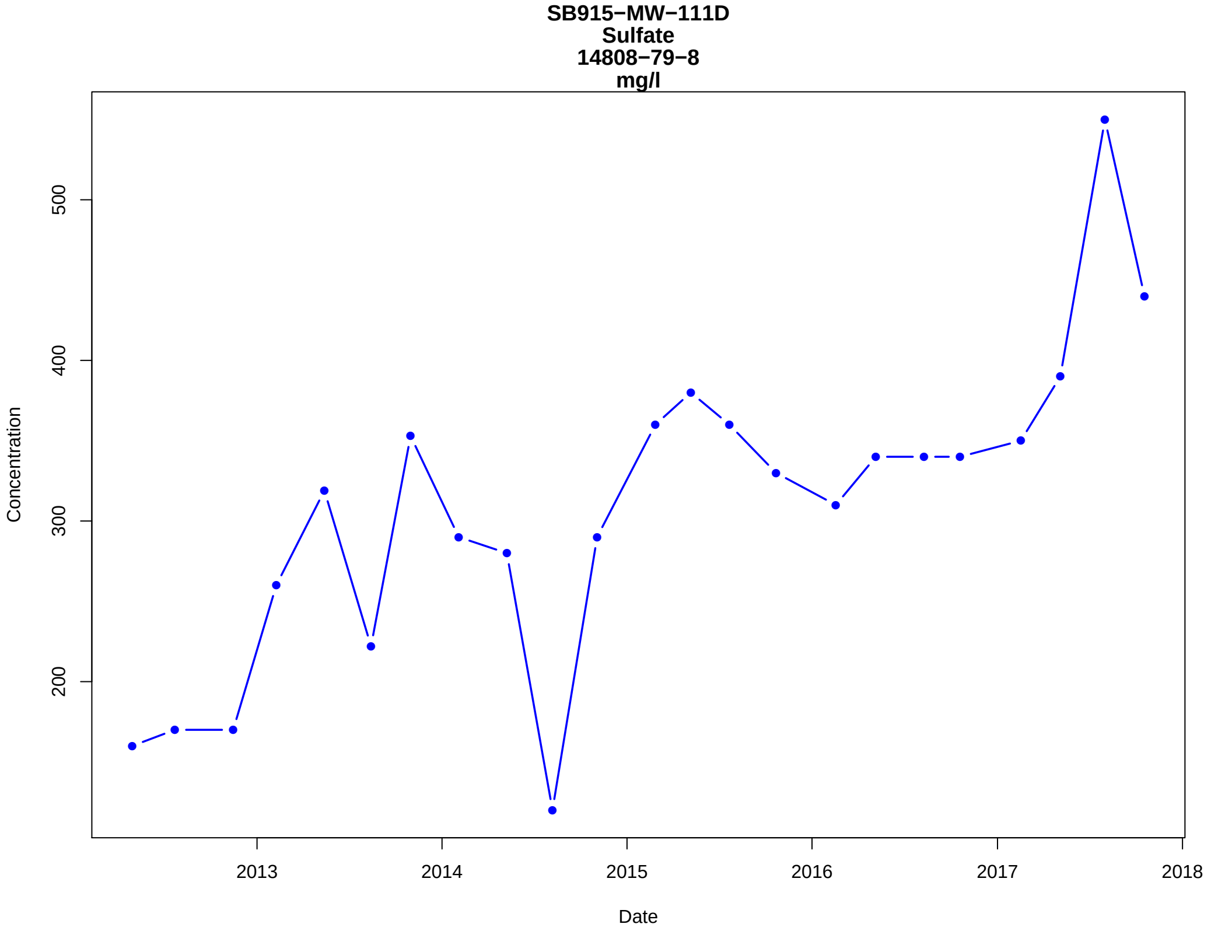

SB915−MW−109S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
2.0
2.5
3.0
3.5
2013
2014
2015
2016
2017
2018
Date
J
J
J
J−
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−

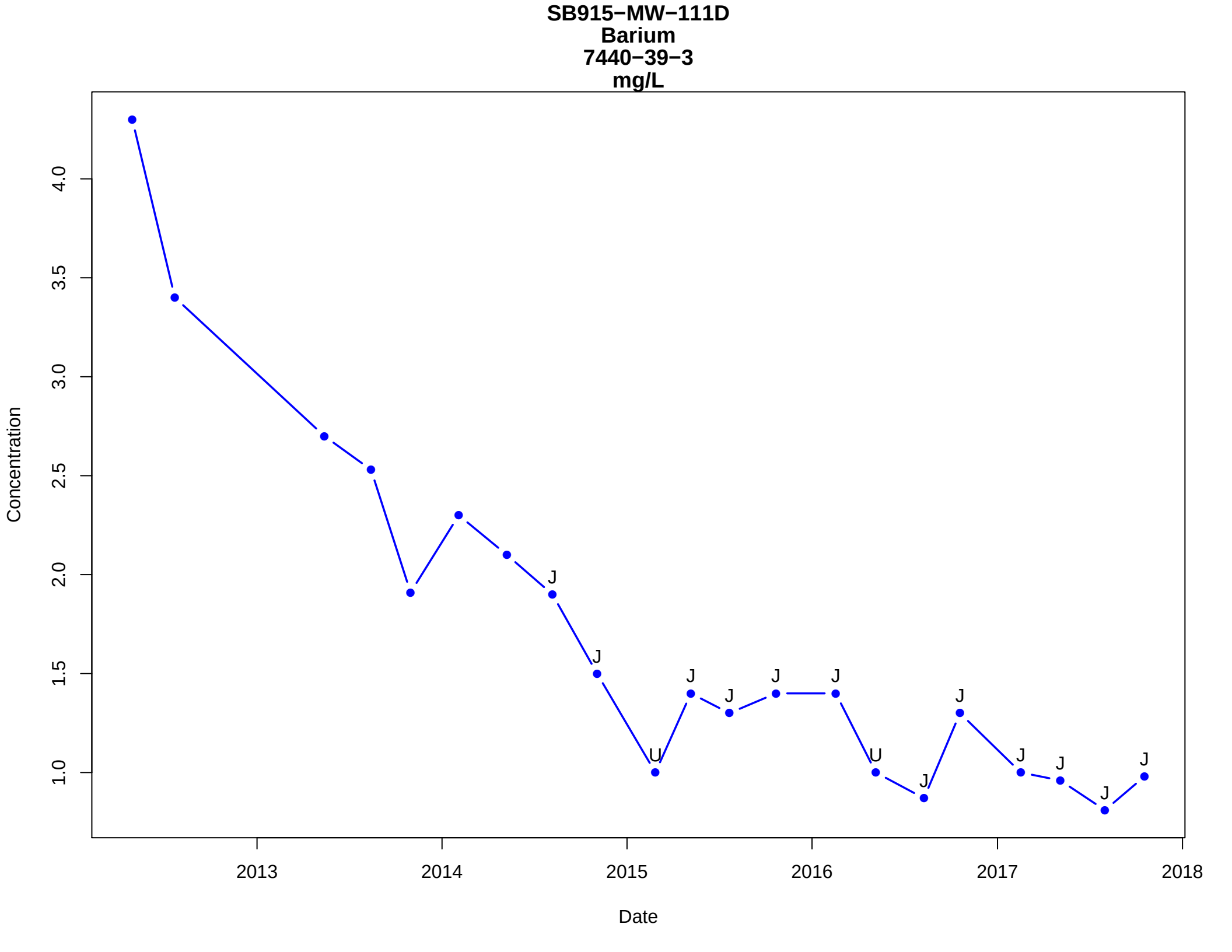

SB915−MW−111BR
Sulfate
14808−79−8
mg/l
Concentration
200
400
600
800
1000
2013
2014
2015
2016
2017
2018
Date

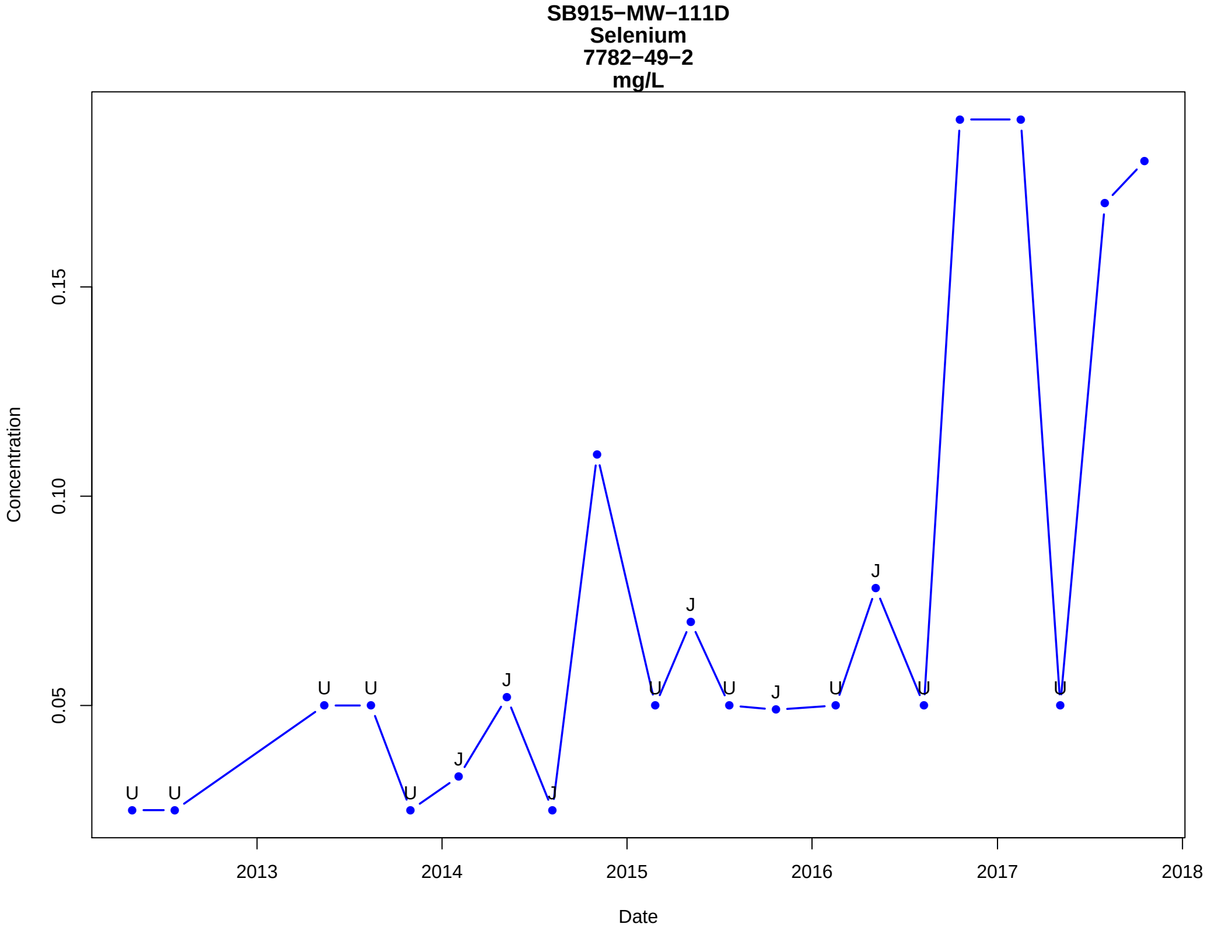

SB915−MW−111BR
Copper
7440−50−8
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
1.2
J
J
U
U
U
U
J
J
J
J
U
J
U
U
U
U
J
2013
2014
2015
2016
2017
2018
Date

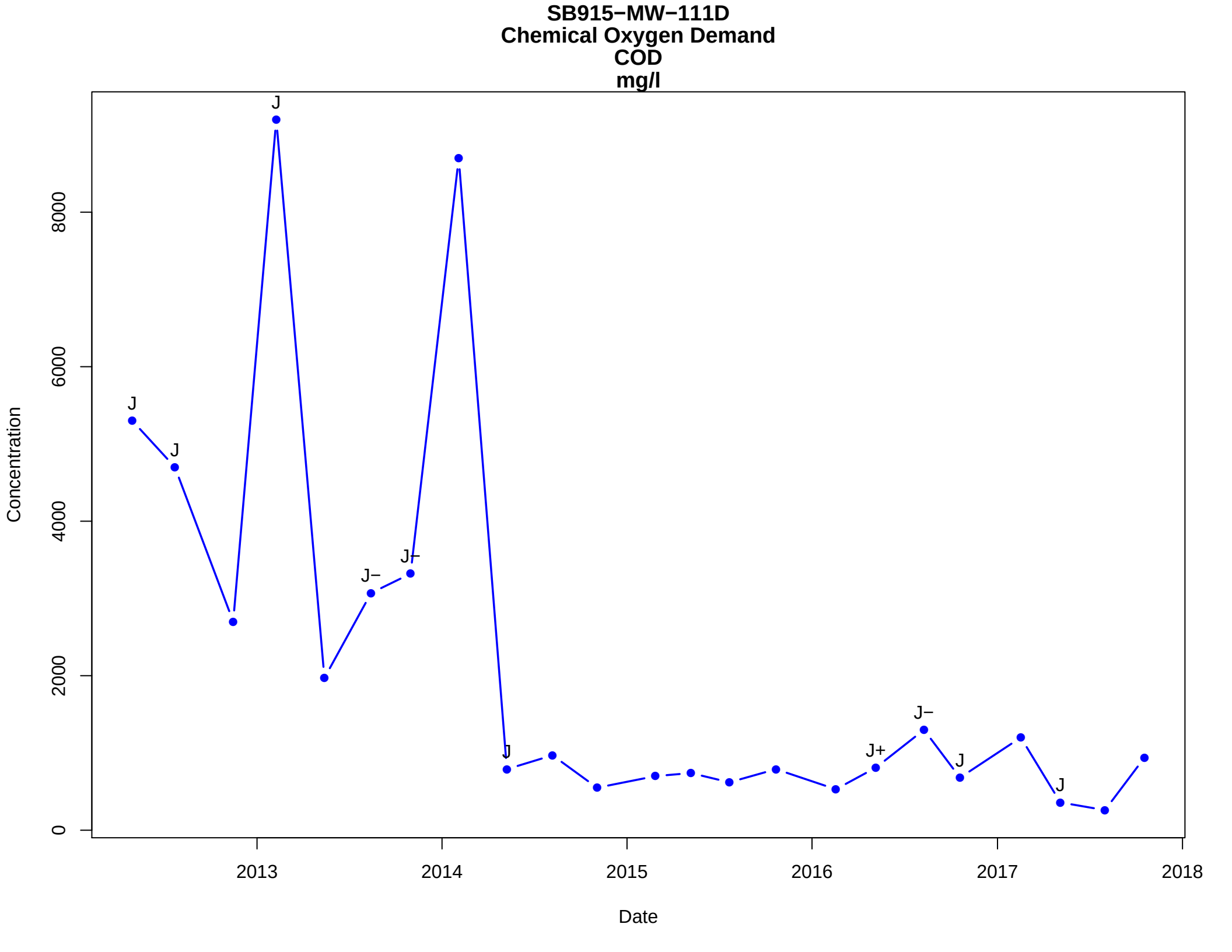

SB915−MW−111BR
Selenium
7782−49−2
mg/L
Concentration
0.1
0.2
0.3
0.4
0.5
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
J
U
J
U
U
U
J
U
J
U
U
U
U
J
U

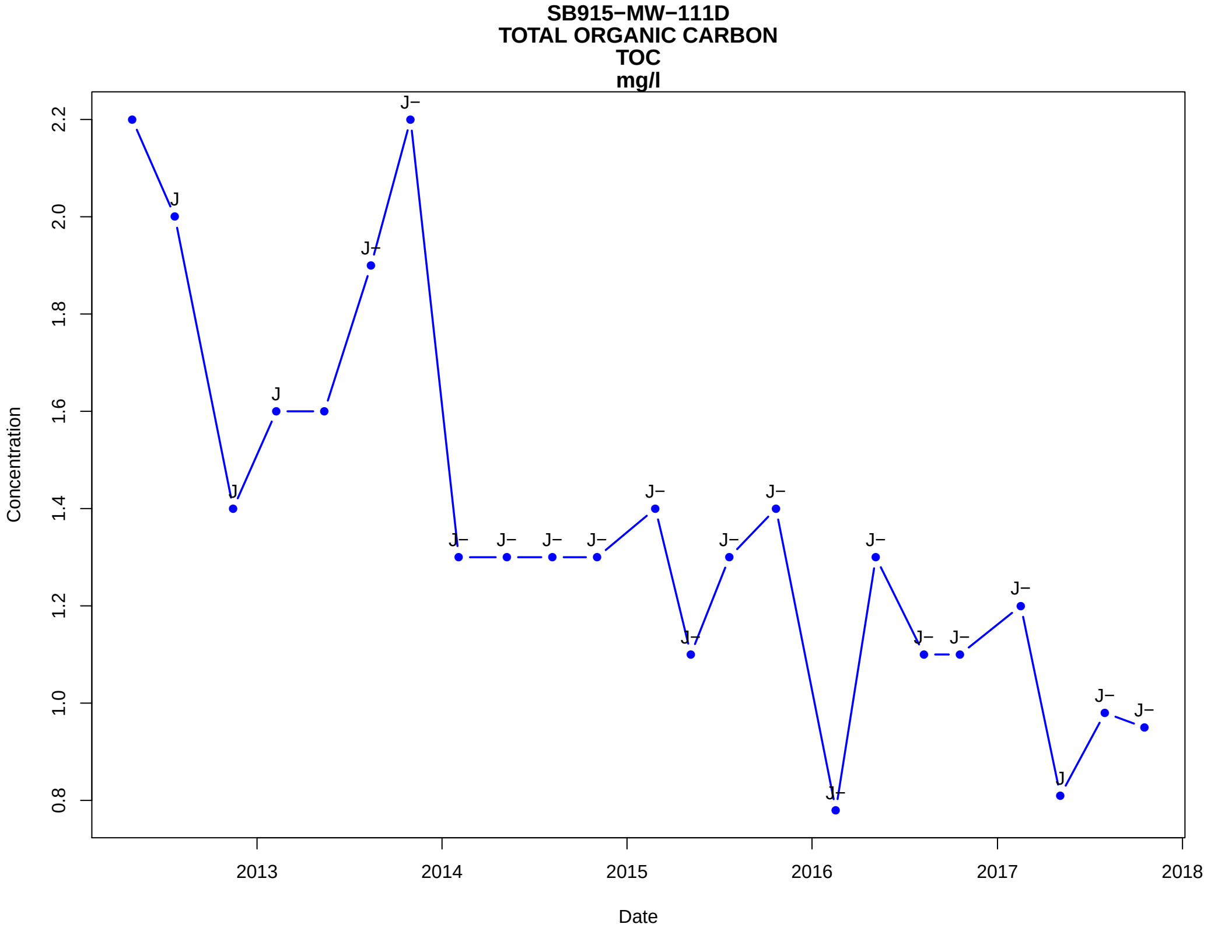

SB915−MW−111BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
20000
25000
J
J
J
J−
J−
J
J−
J
J
J−
J
J
2013
2014
2015
2016
2017
2018
Date

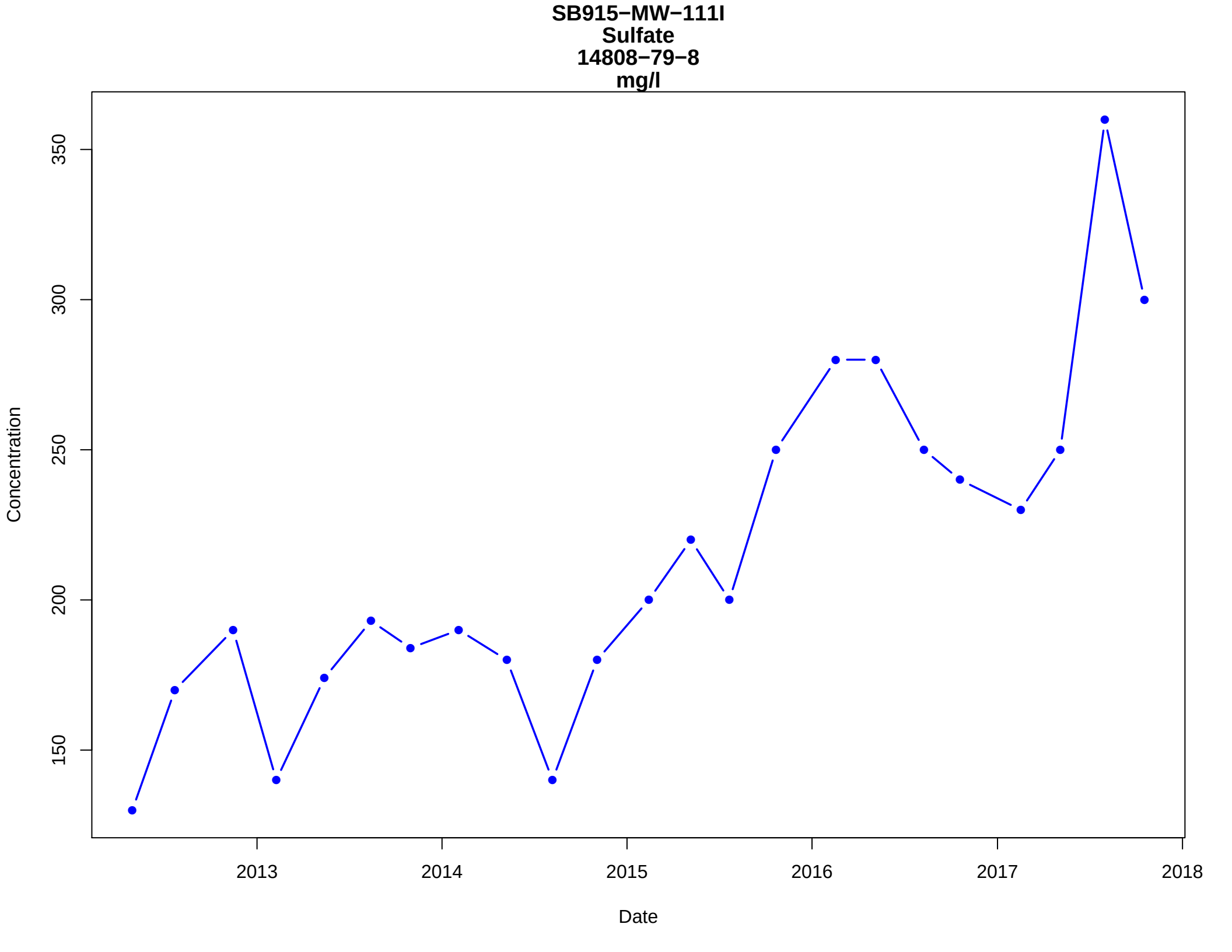

SB915−MW−111D
Sulfate
14808−79−8
mg/l
Concentration
200
300
400
500
2013
2014
2015
2016
2017
2018
Date

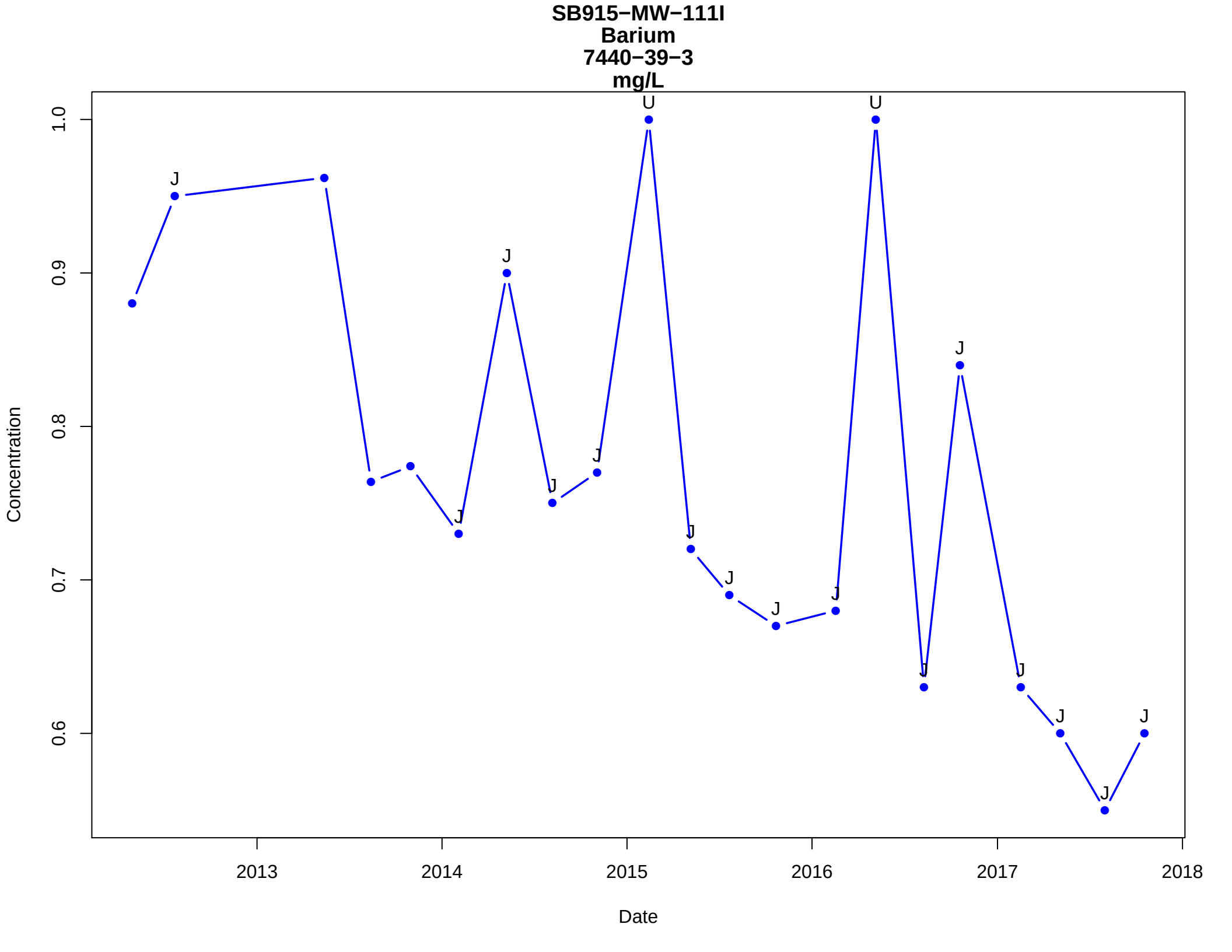

SB915−MW−111D
Barium
7440−39−3
mg/L
Concentration
4.0
3.5
3.0
2.5
2.0
1.5
1.0
J
J
U
J
J
J
J
U
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

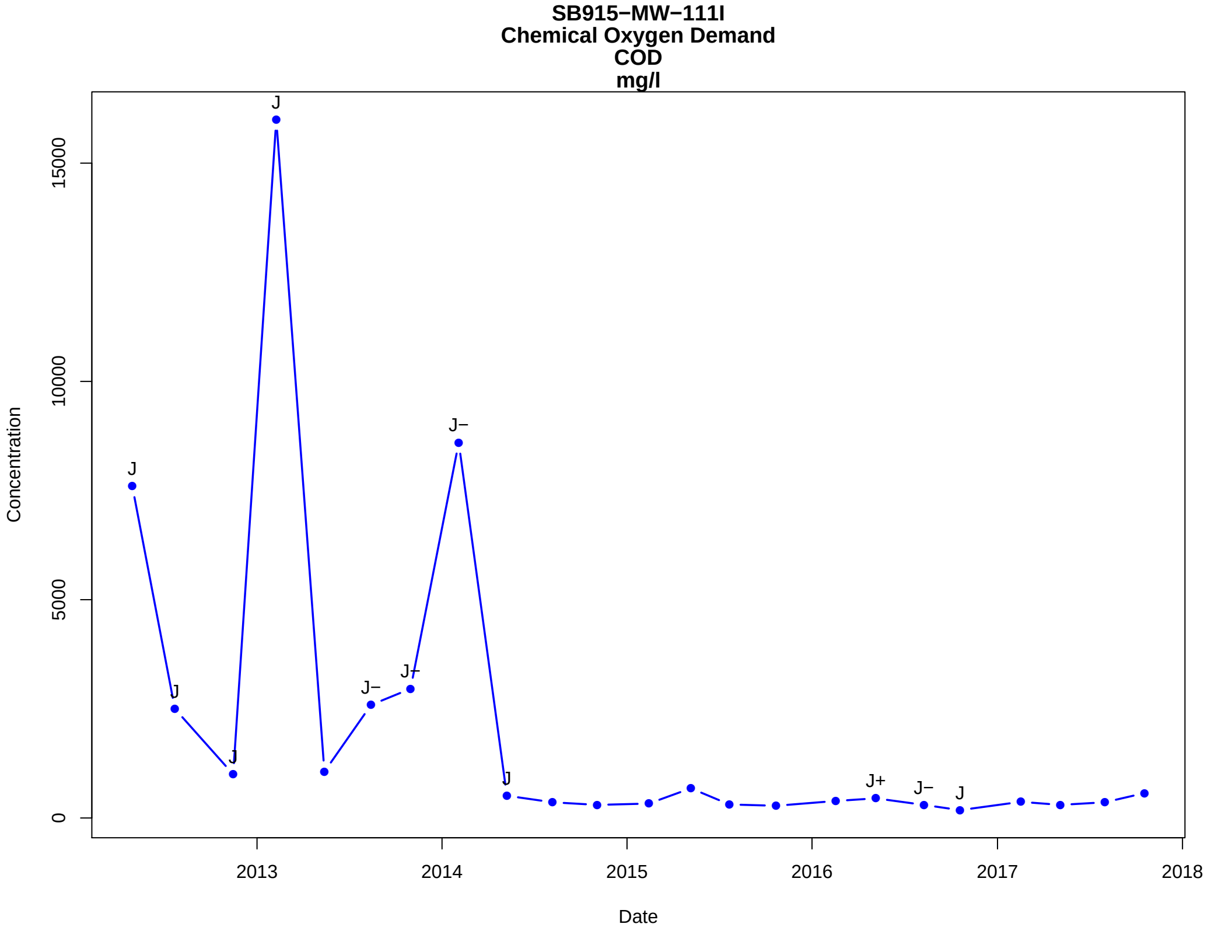

SB915−MW−111D
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
U
U
U
U
U
J
J
U
J
U
U
J
U
J
U
U
U
2013
2014
2015
2016
2017
2018
Date

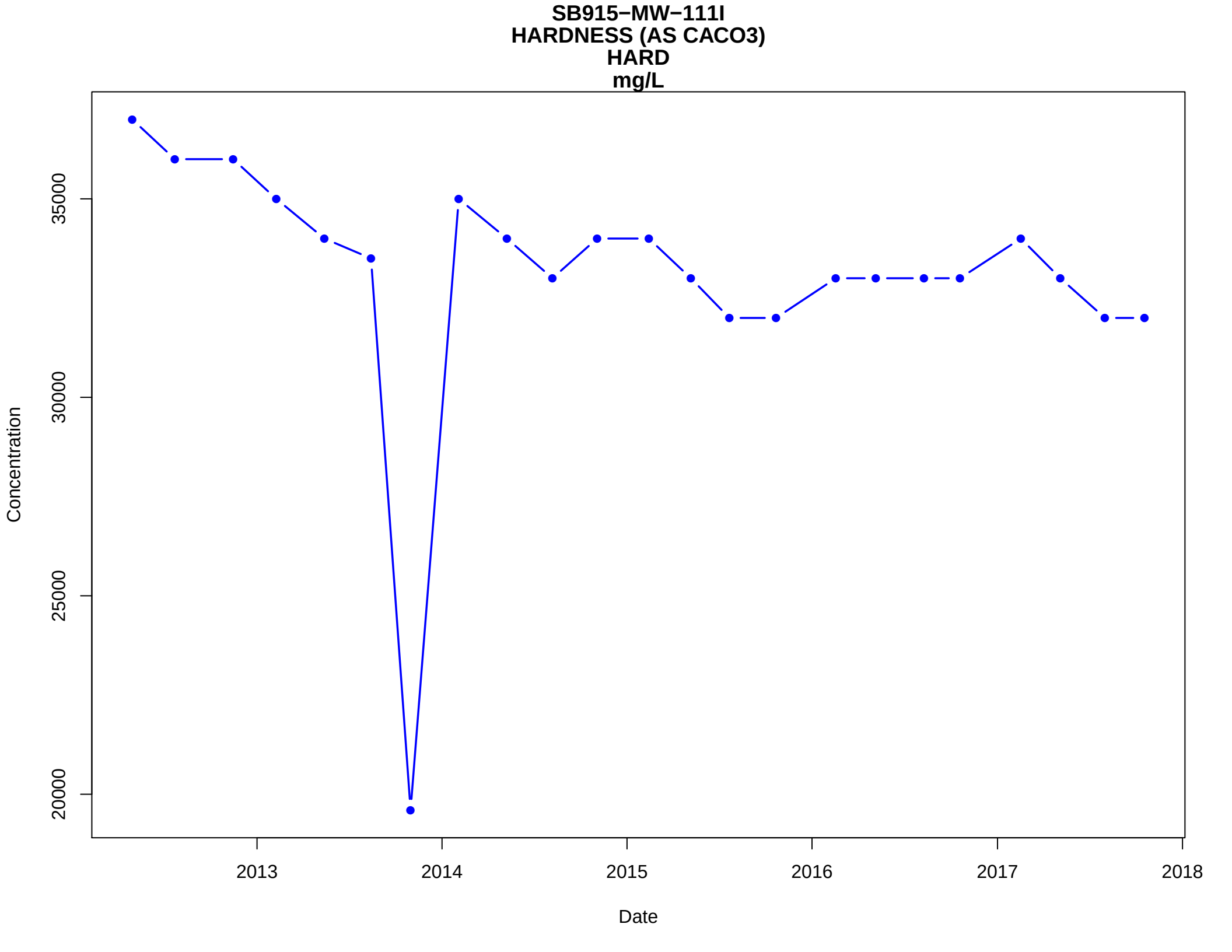

SB915−MW−111D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
2000
4000
6000
8000
2013
2014
2015
2016
2017
2018
Date
J
J
J
J−
J−
J
J+
J−
J
J
J

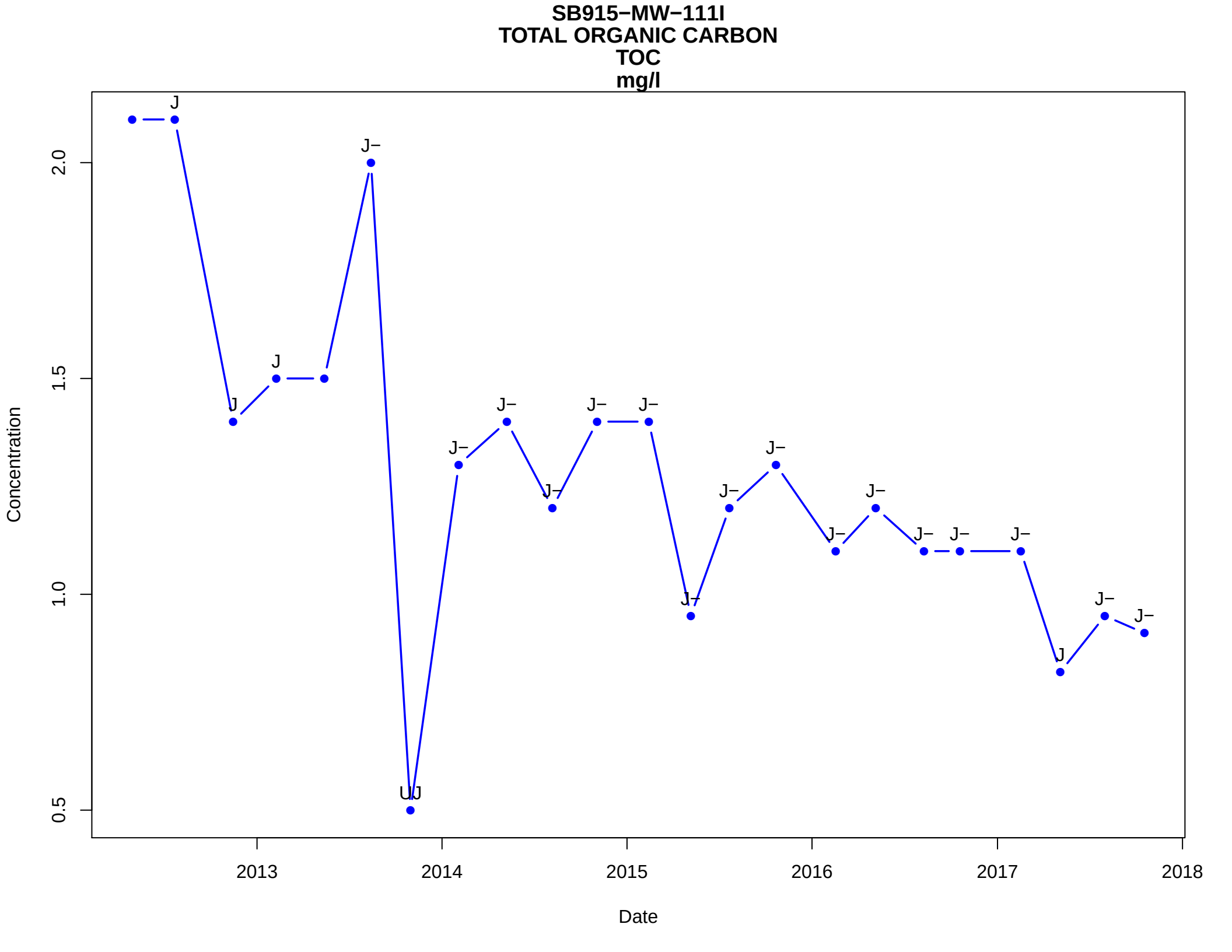

SB915−MW−111D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
J−
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J
J−
J−
2013
2014
2015
2016
2017
2018
Date

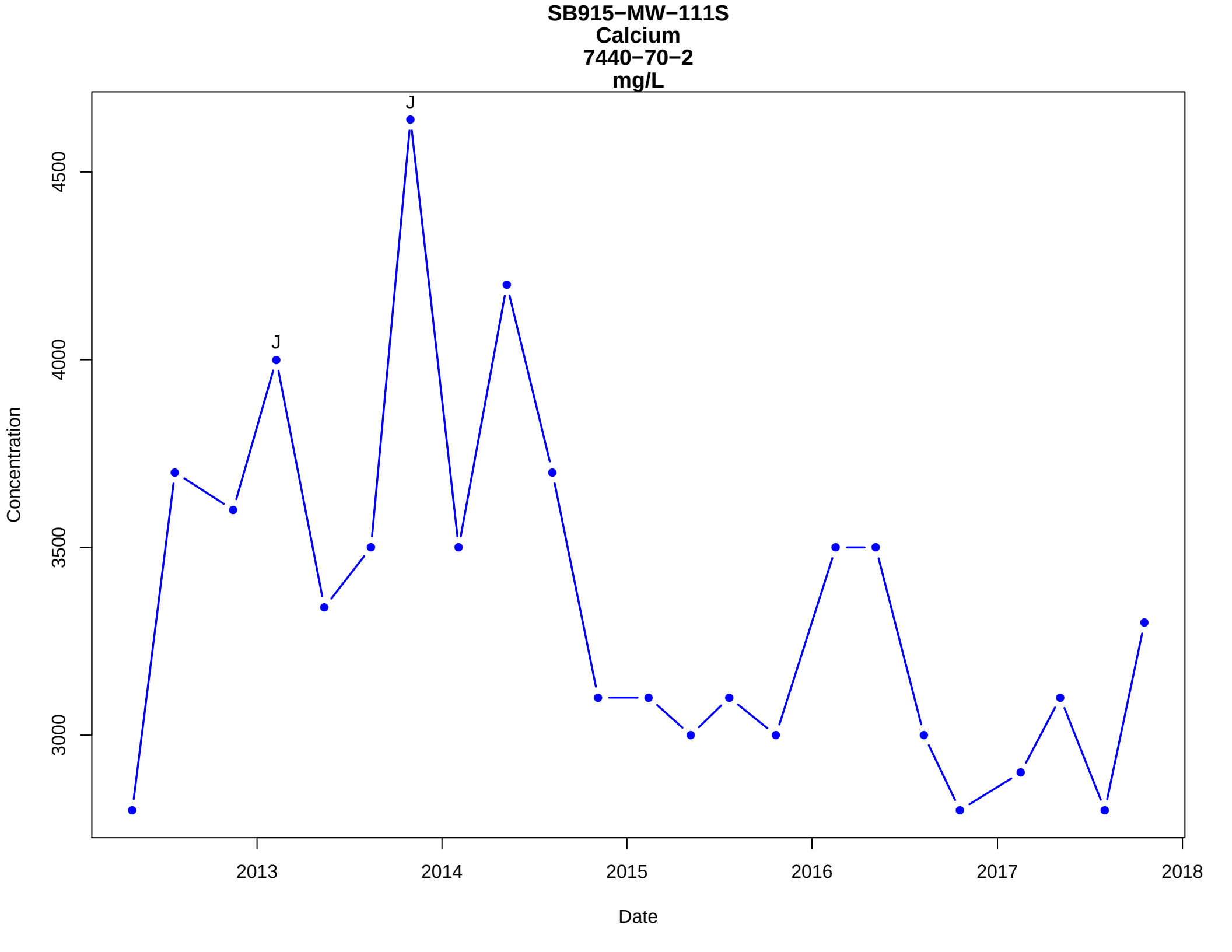

SB915−MW−111I
Sulfate
14808−79−8
mg/l
Concentration
150
200
250
300
350
2013
2014
2015
2016
2017
2018
Date

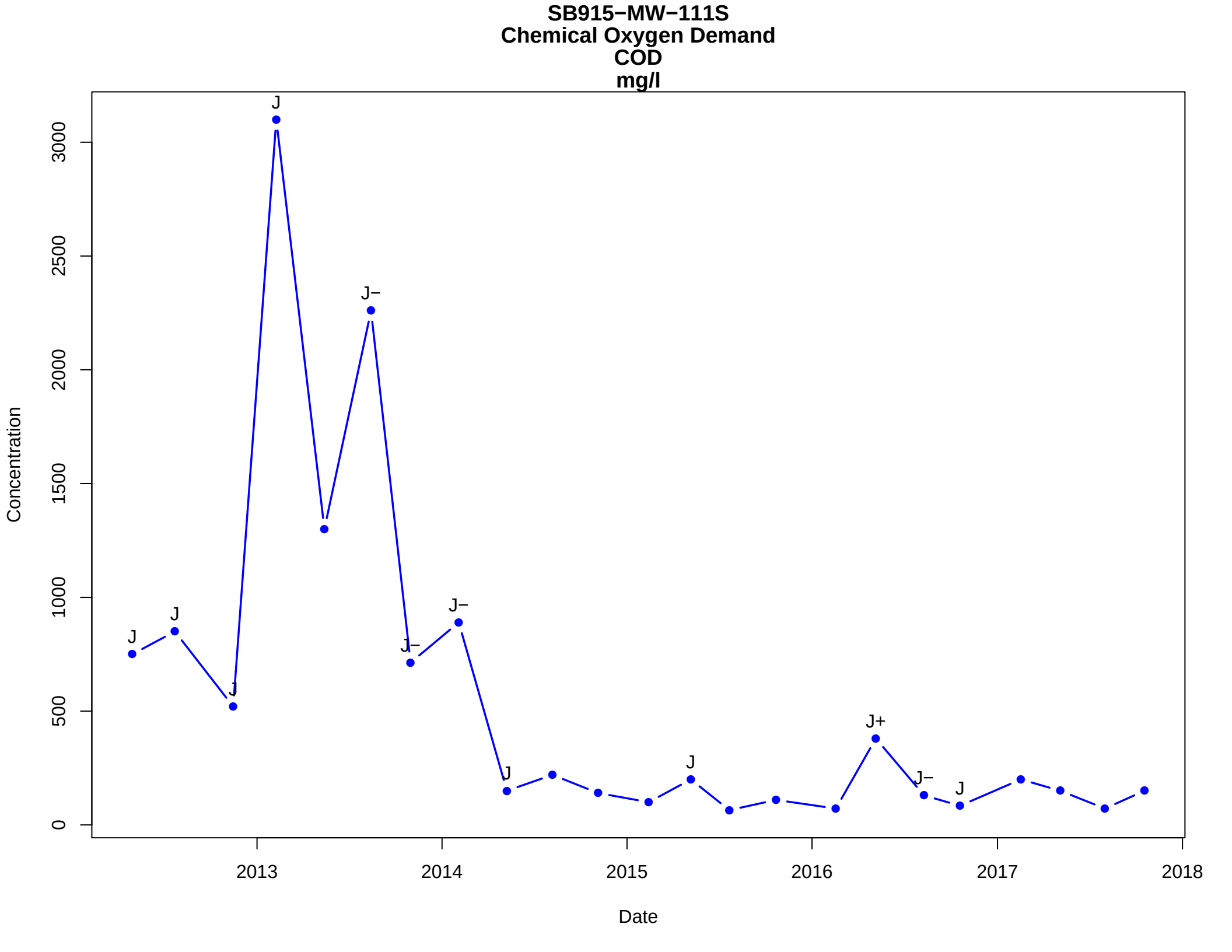

SB915−MW−111I
Barium
7440−39−3
mg/L
Concentration
1.0
0.9
0.8
0.7
0.6
2013
2014
2015
2016
2017
2018
Date
J
U

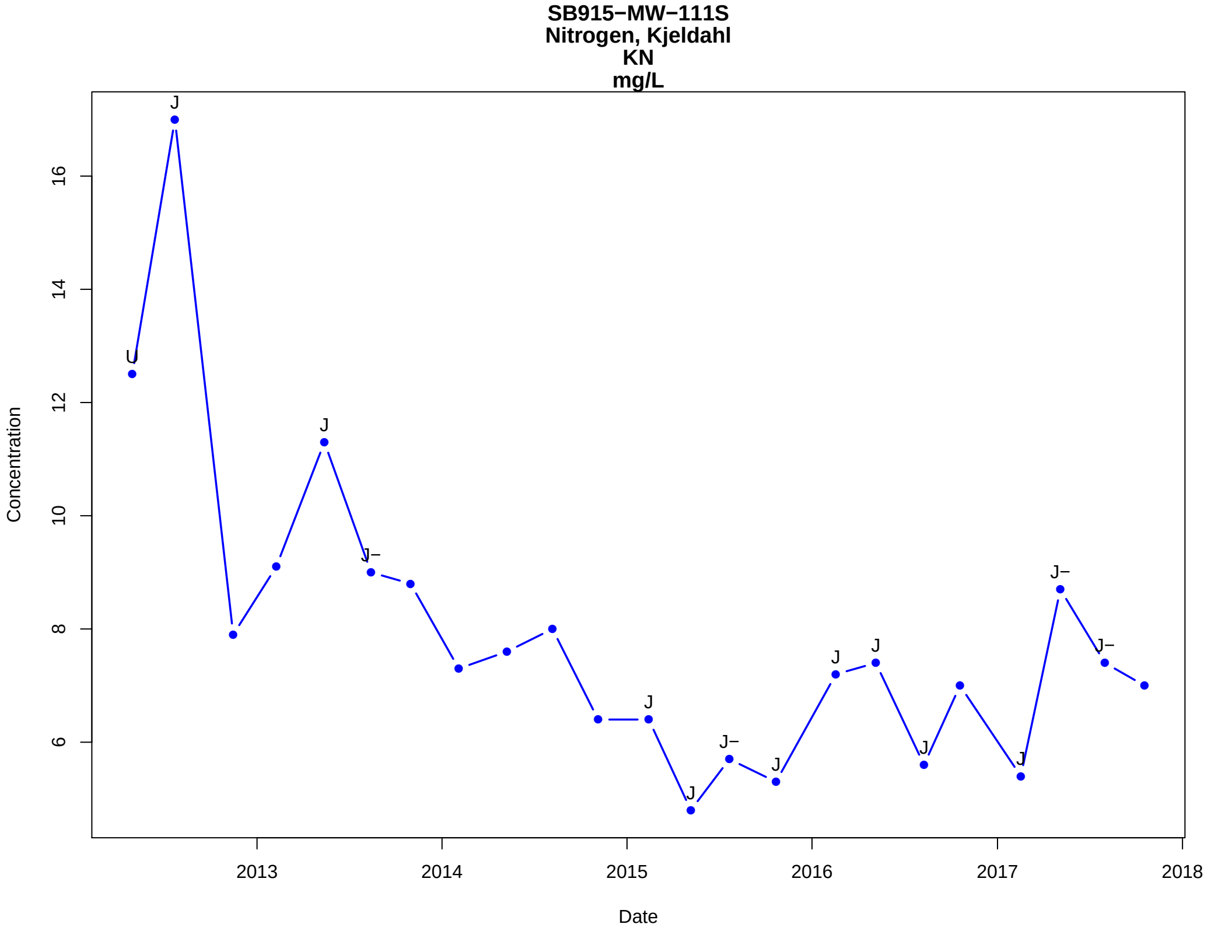

SB915−MW−111I
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J−
J+
J−
J
J+
J−
J

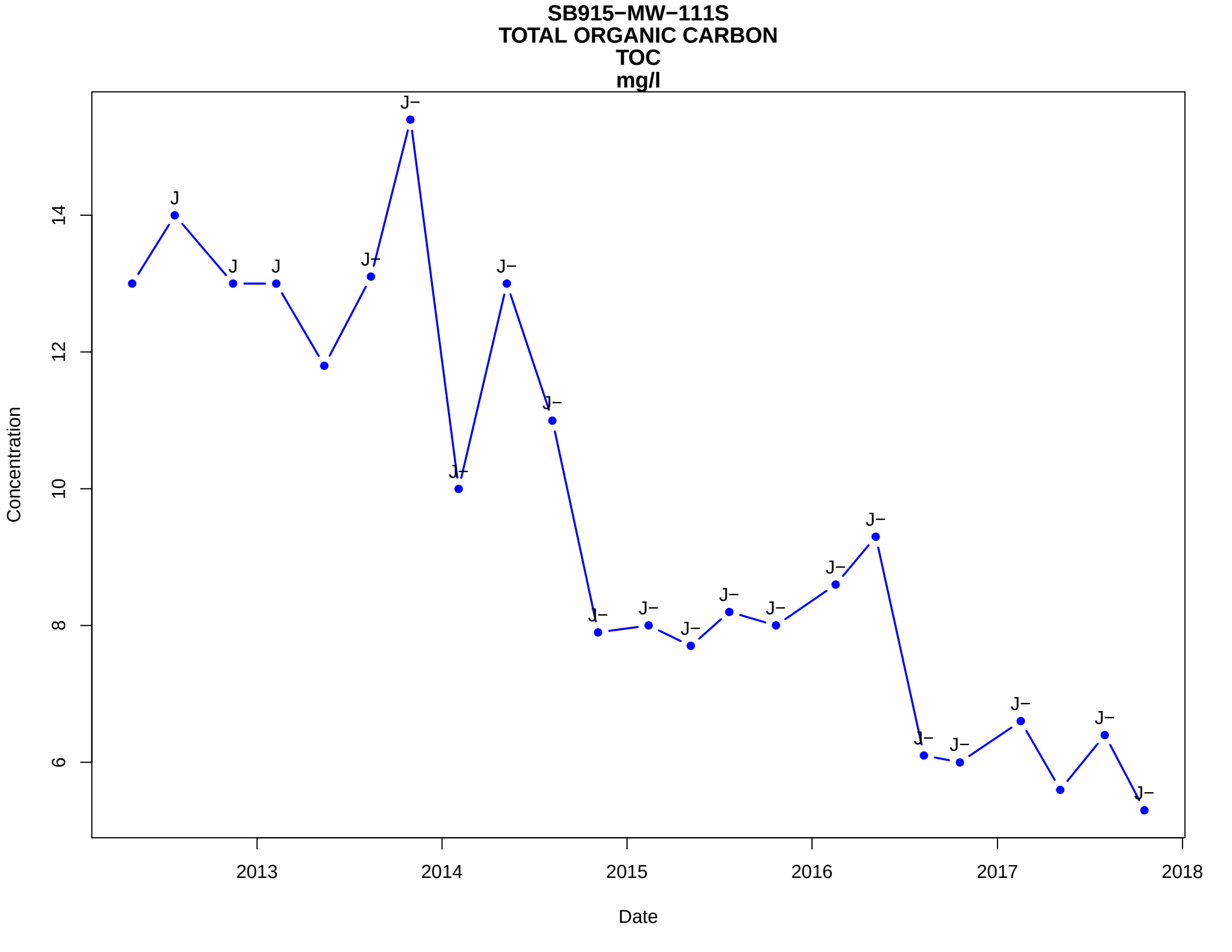

SB915−MW−111I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
35000
30000
25000
20000
2013
2014
2015
2016
2017
2018
Date

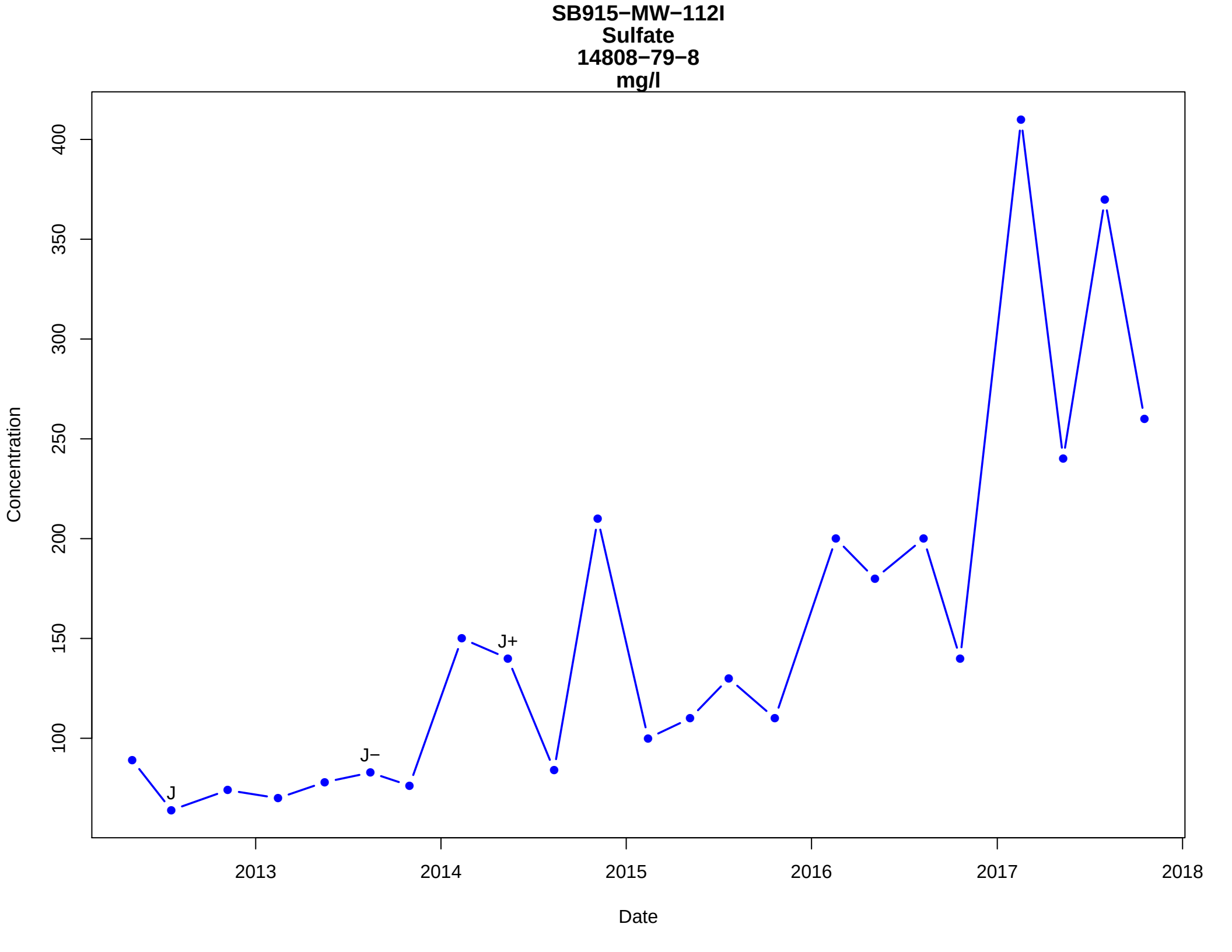

SB915−MW−111I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
0.5
1.0
1.5
2.0
2013
2014
2015
2016
2017
2018
J
J
J
J−
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
UJ

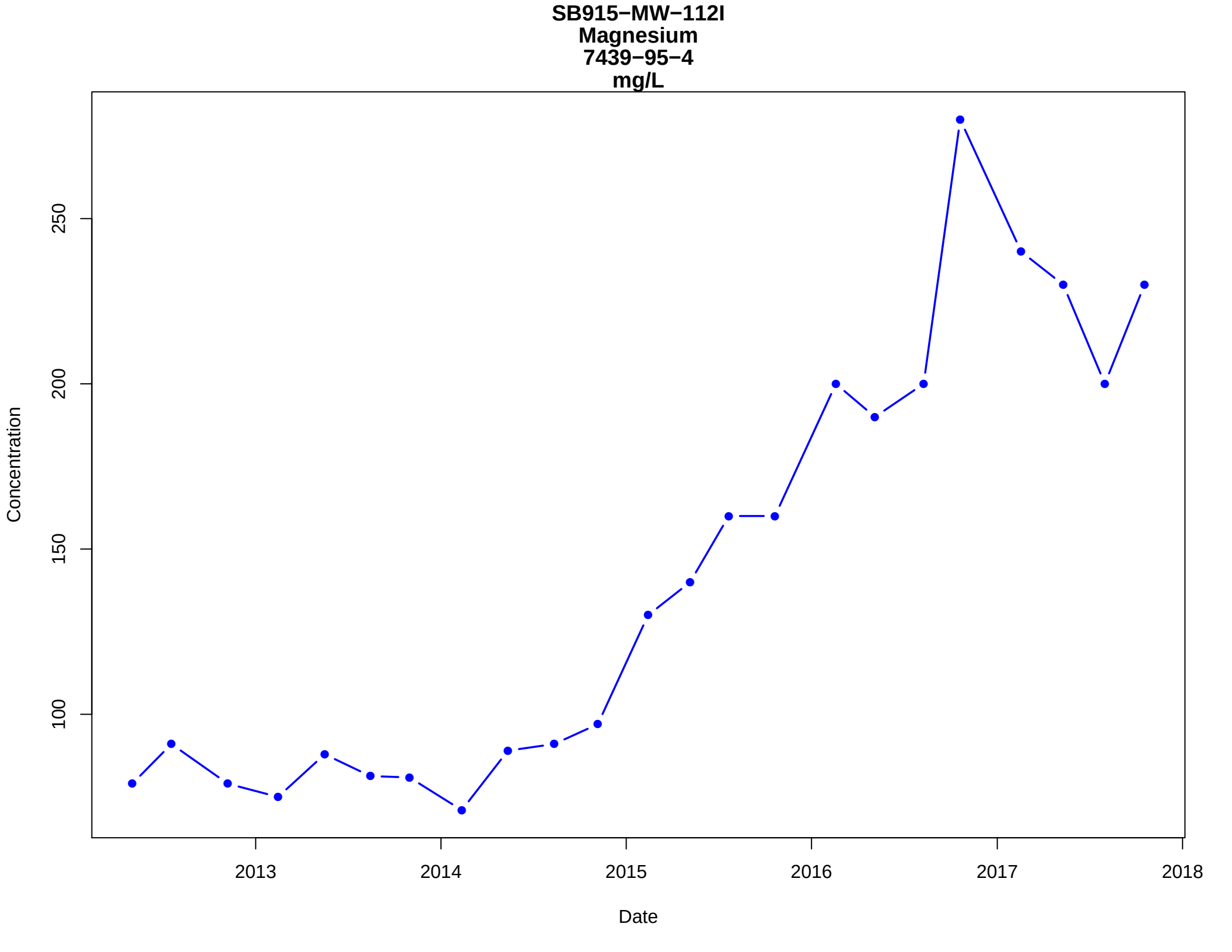

SB915−MW−111S
Calcium
7440−70−2
mg/L
J
J
4500
4000
3500
3000
Concentration
2013
2014
2015
2016
2017
2018
Date

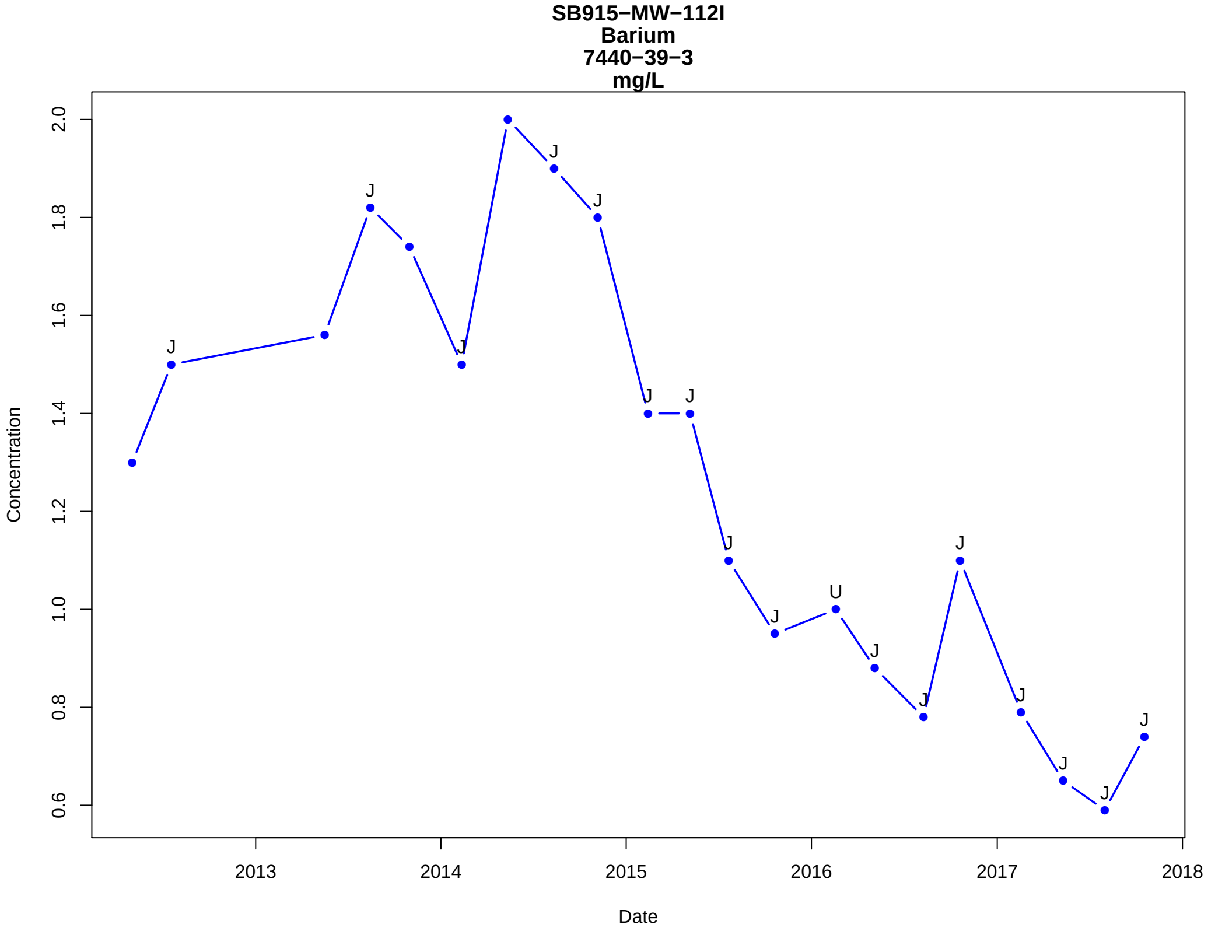

SB915−MW−111S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
J
J
J
J
J−
J
J−
J−
J
J
J+
J−
J
2013
2014
2015
2016
2017
2018
Date

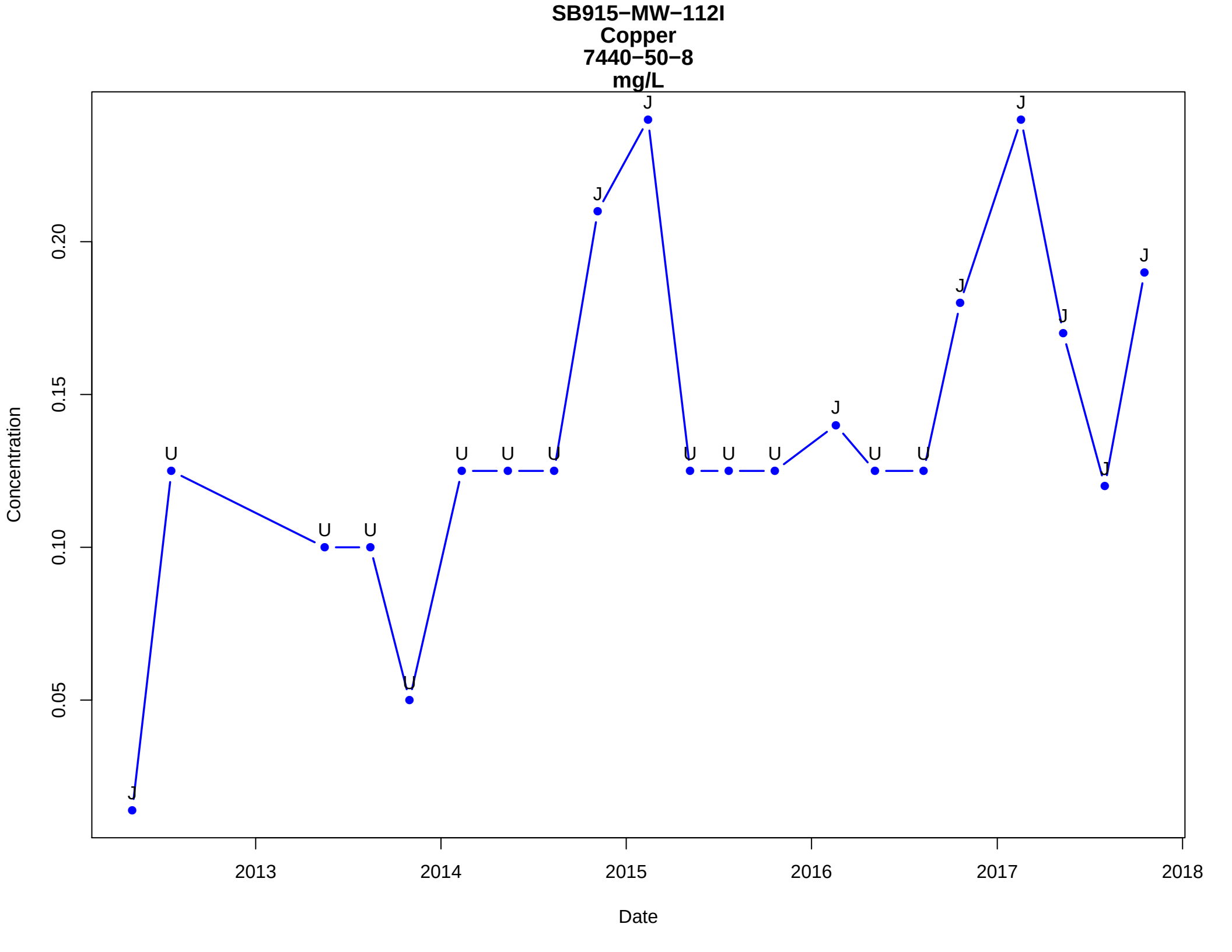

SB915−MW−111S
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
6
8
10
12
14
16
2013
2014
2015
2016
2017
2018
U
J
J
J−
J
J
J−
J
J
J
J
J
J−
J−

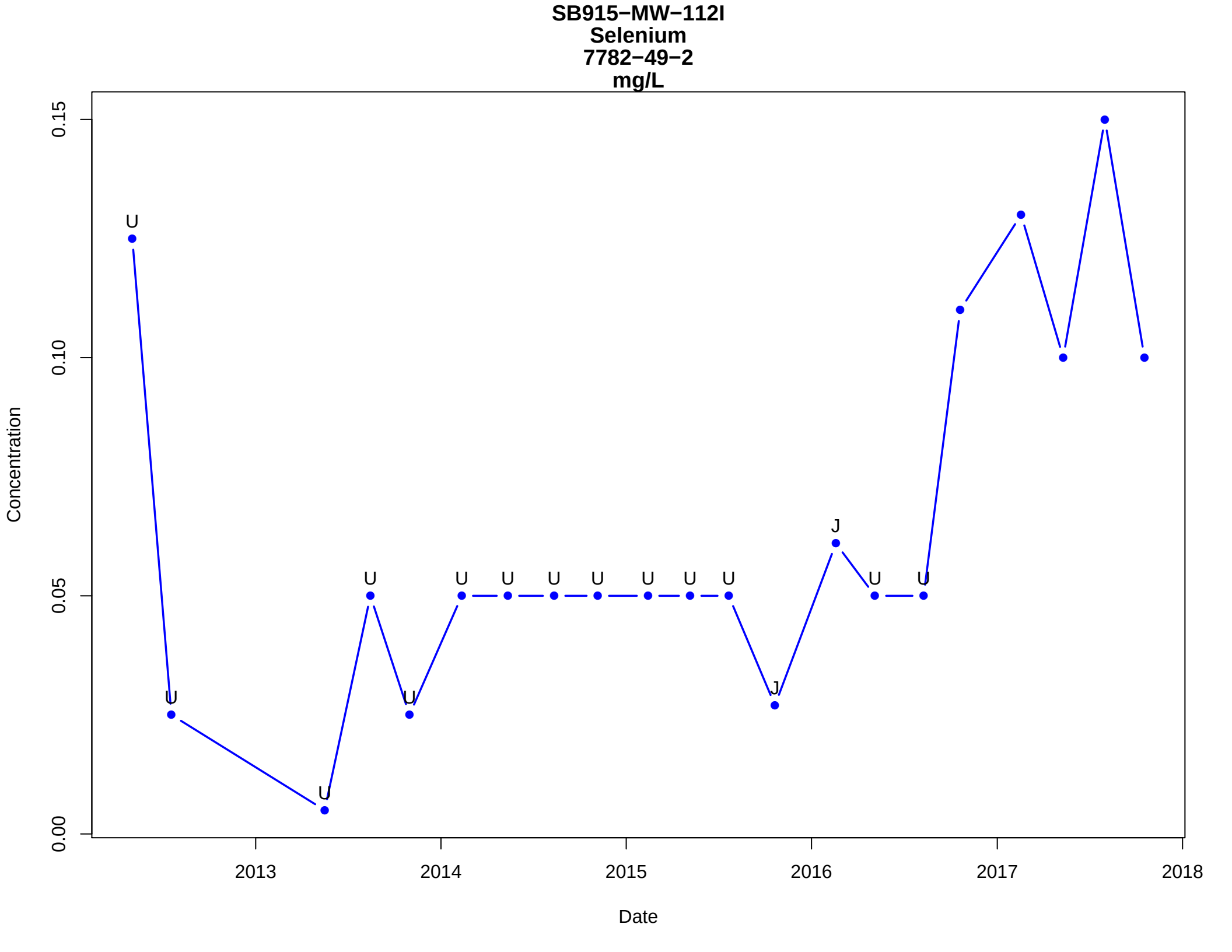

SB915−MW−111S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
6
8
10
12
14
2013
2014
2015
2016
2017
2018
J
J
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−

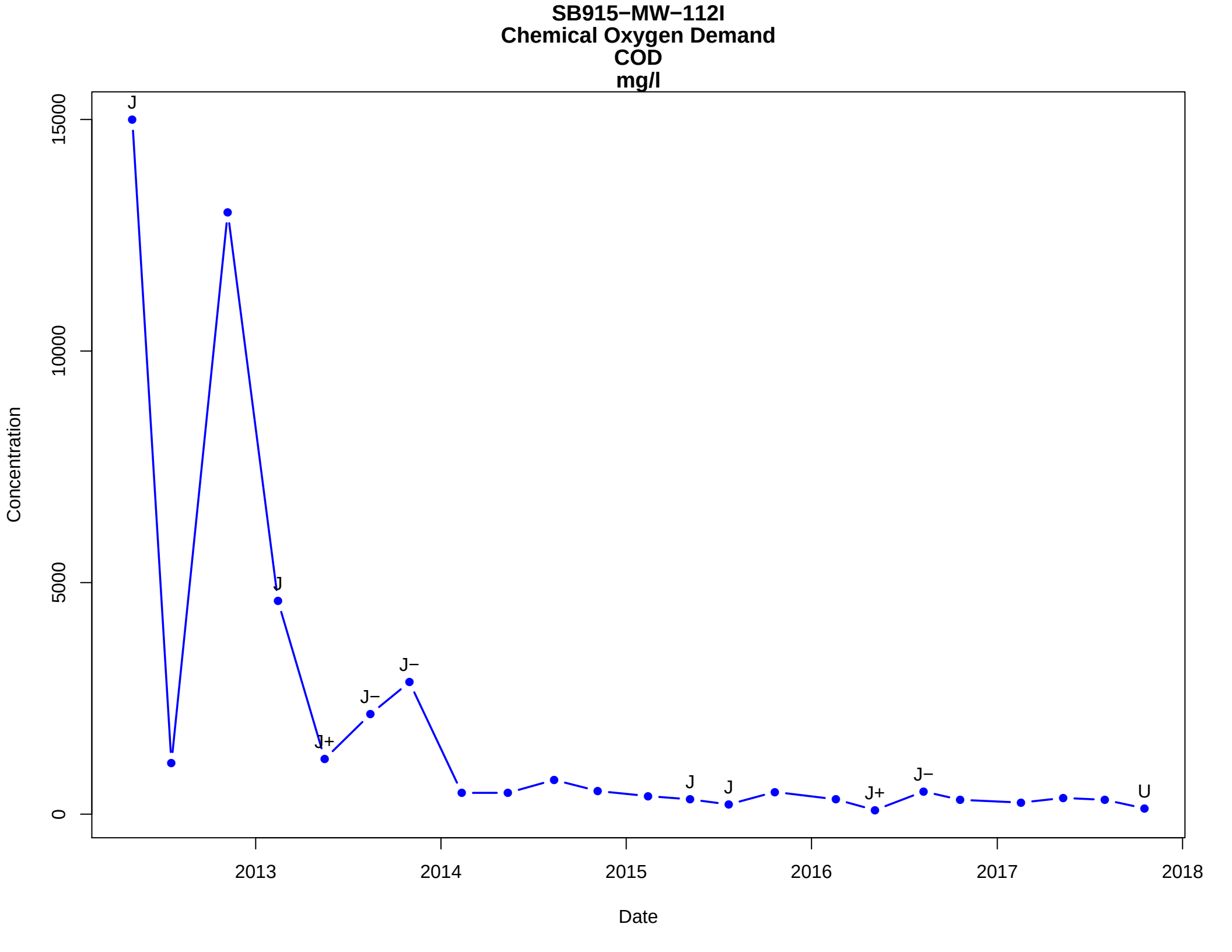

SB915−MW−112I
Sulfate
14808−79−8
mg/l
Concentration
100
150
200
250
300
350
400
J
J−
J+
2013
2014
2015
2016
2017
2018
Date

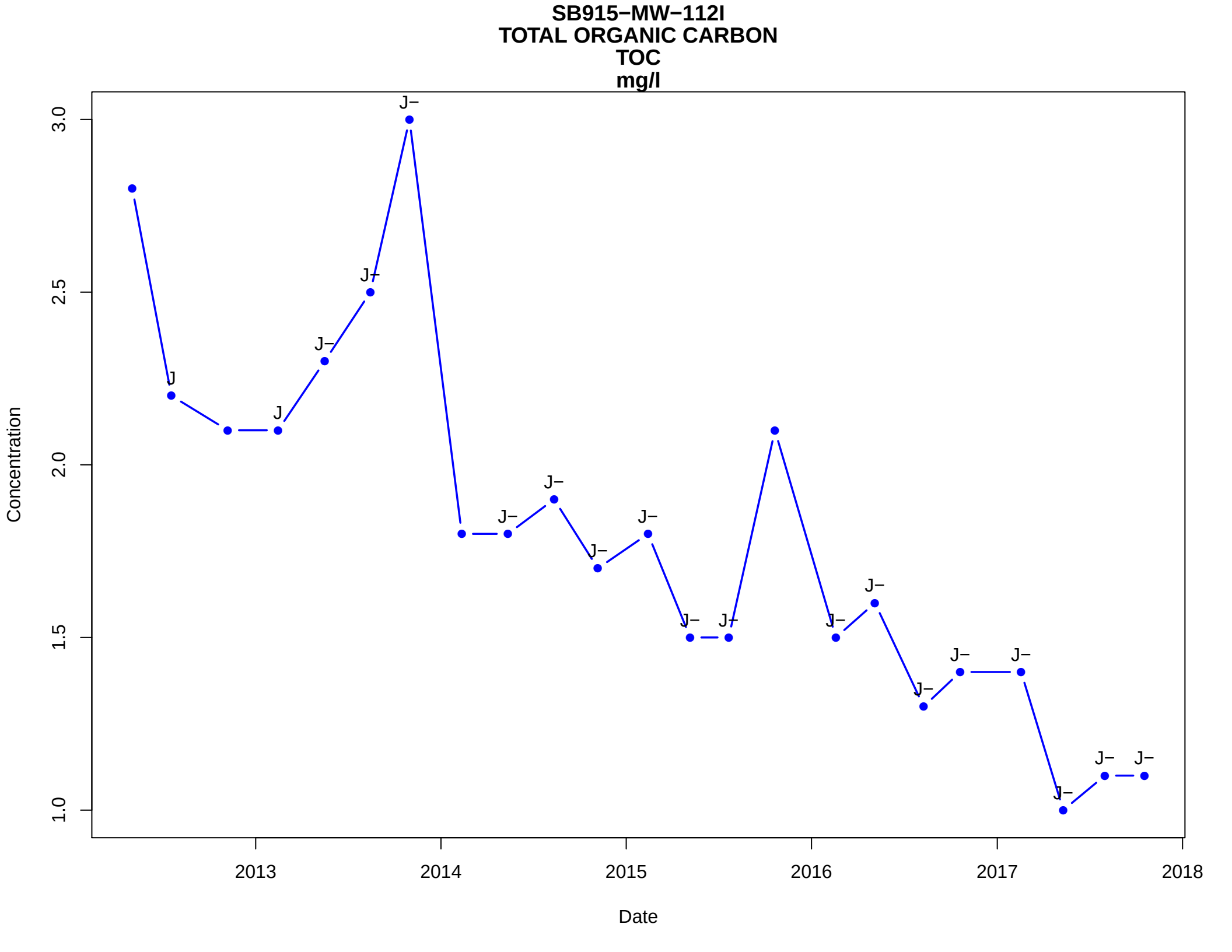

SB915−MW−112I
Magnesium
7439−95−4
mg/L
Concentration
100
150
200
250
2013
2014
2015
2016
2017
2018
Date

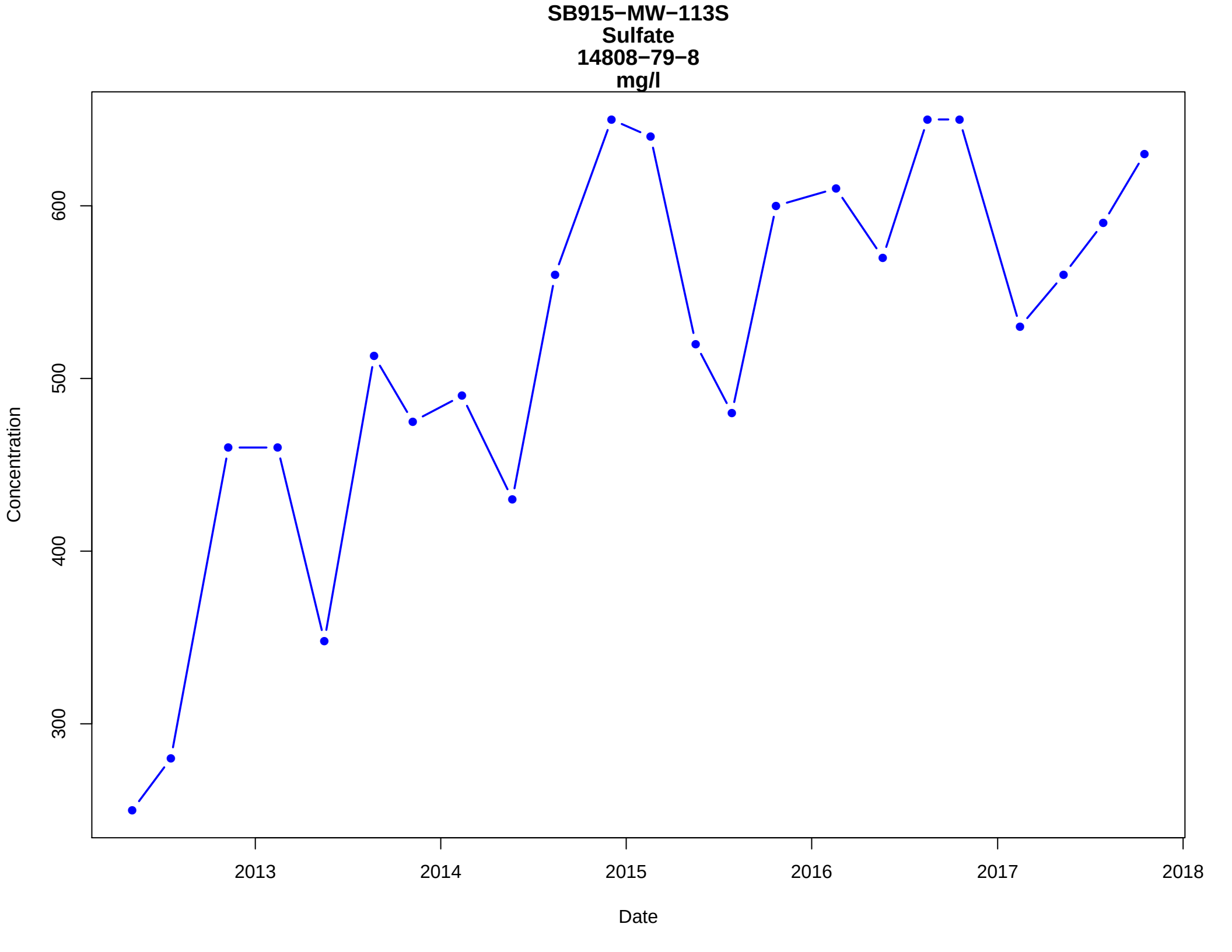

SB915−MW−112I
Barium
7440−39−3
mg/L
Concentration
Date
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J
J
J
J
U
J
J
J
J
J
J
J

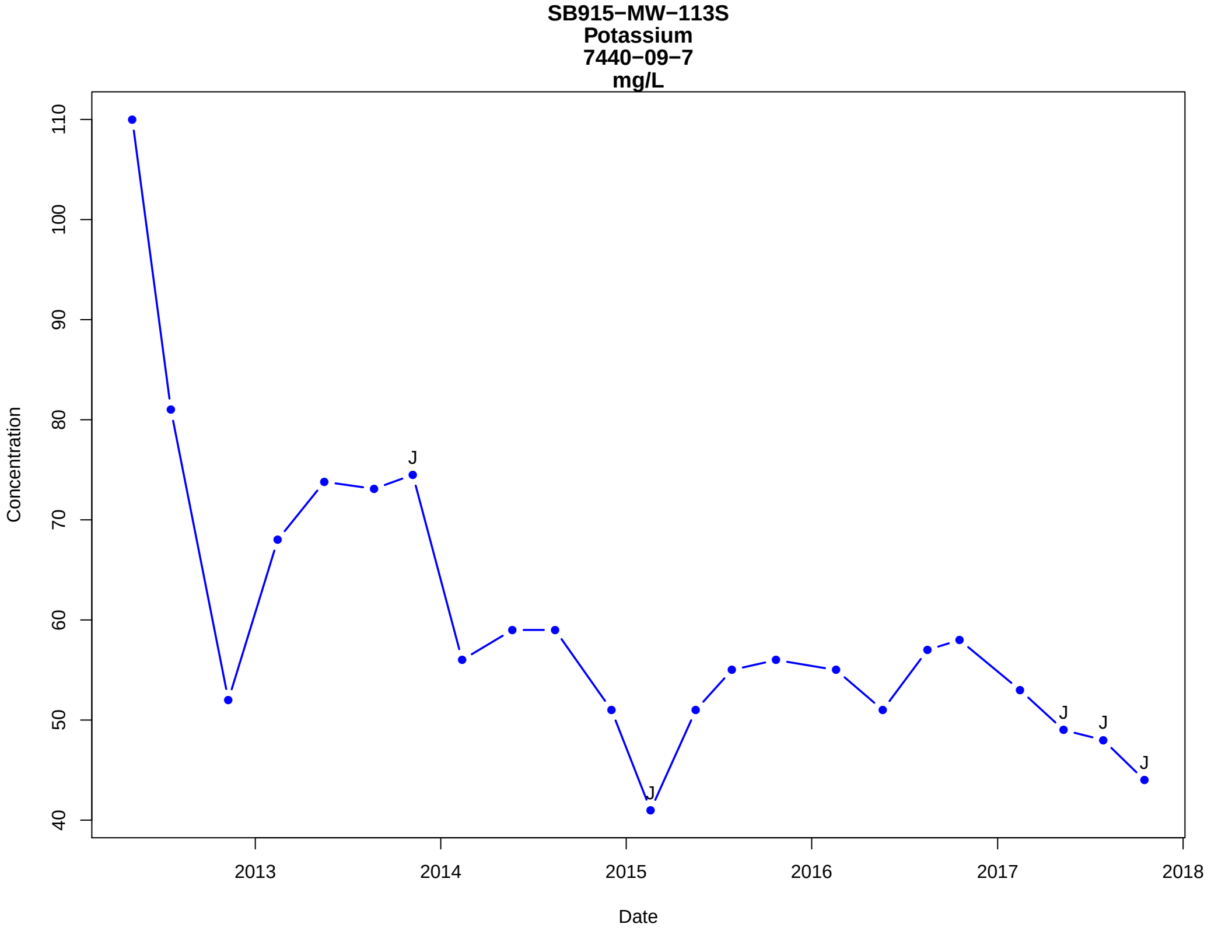

SB915−MW−112I
Copper
7440−50−8
mg/L
Concentration
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
J
U
J
U
U
U
U
U
J
U
U
U
J
U
U
J
J
J
J

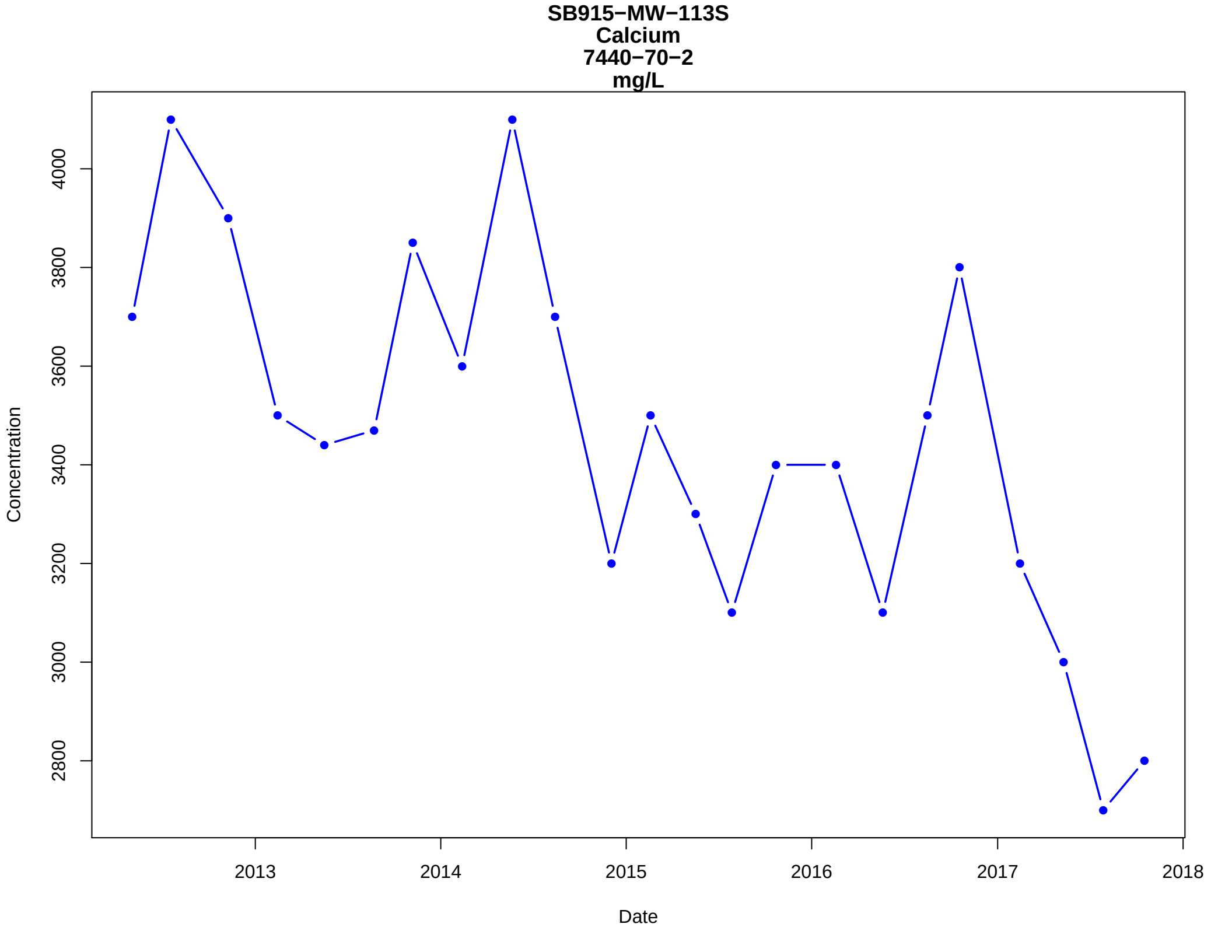

SB915−MW−112I
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
U
U
U
U
J
J
U
U

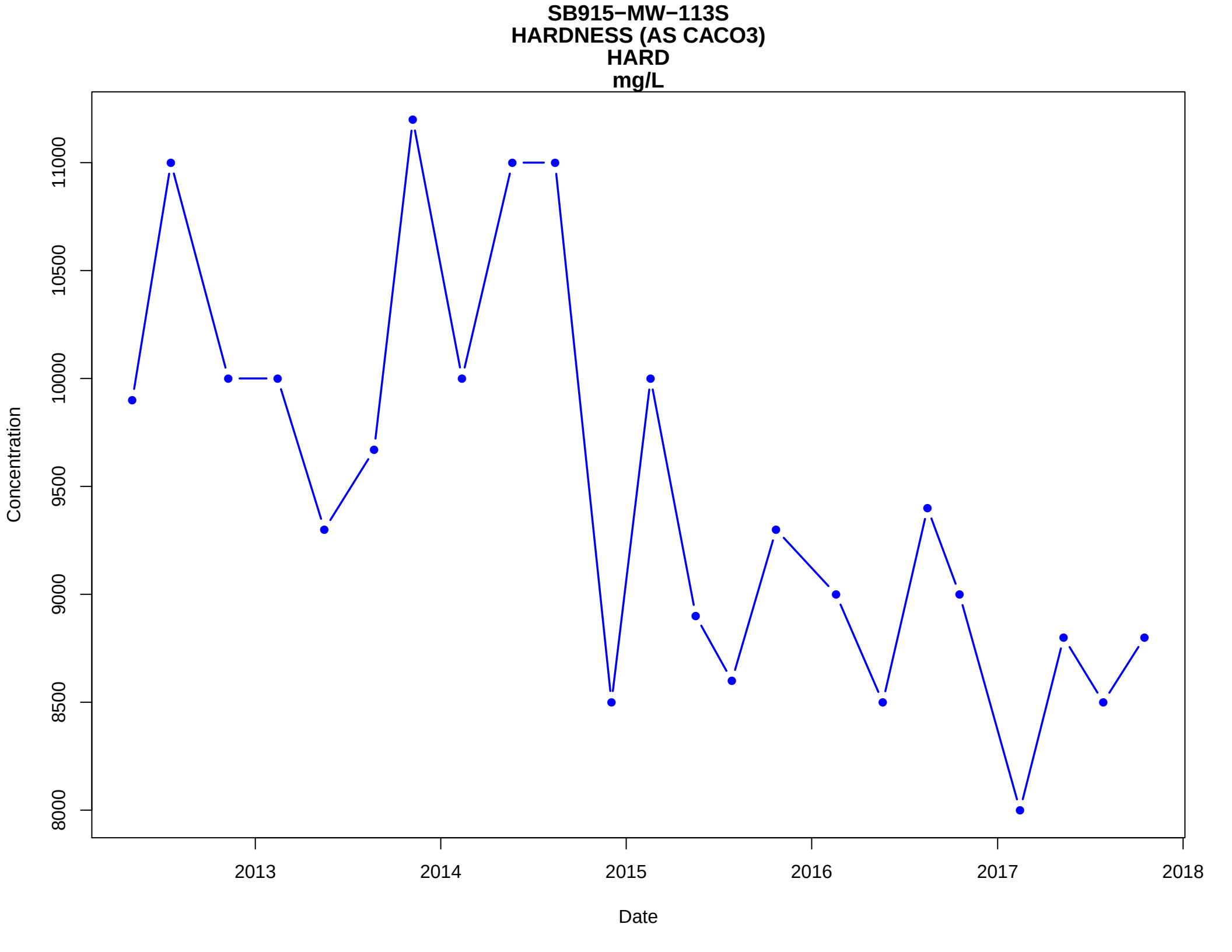

SB915−MW−112I
Chemical Oxygen Demand
COD
mg/l
Concentration
15000
10000
5000
0
J
J
J+
J−
J−
J
J
J+
J−
U
2013
2014
2015
2016
2017
2018
Date

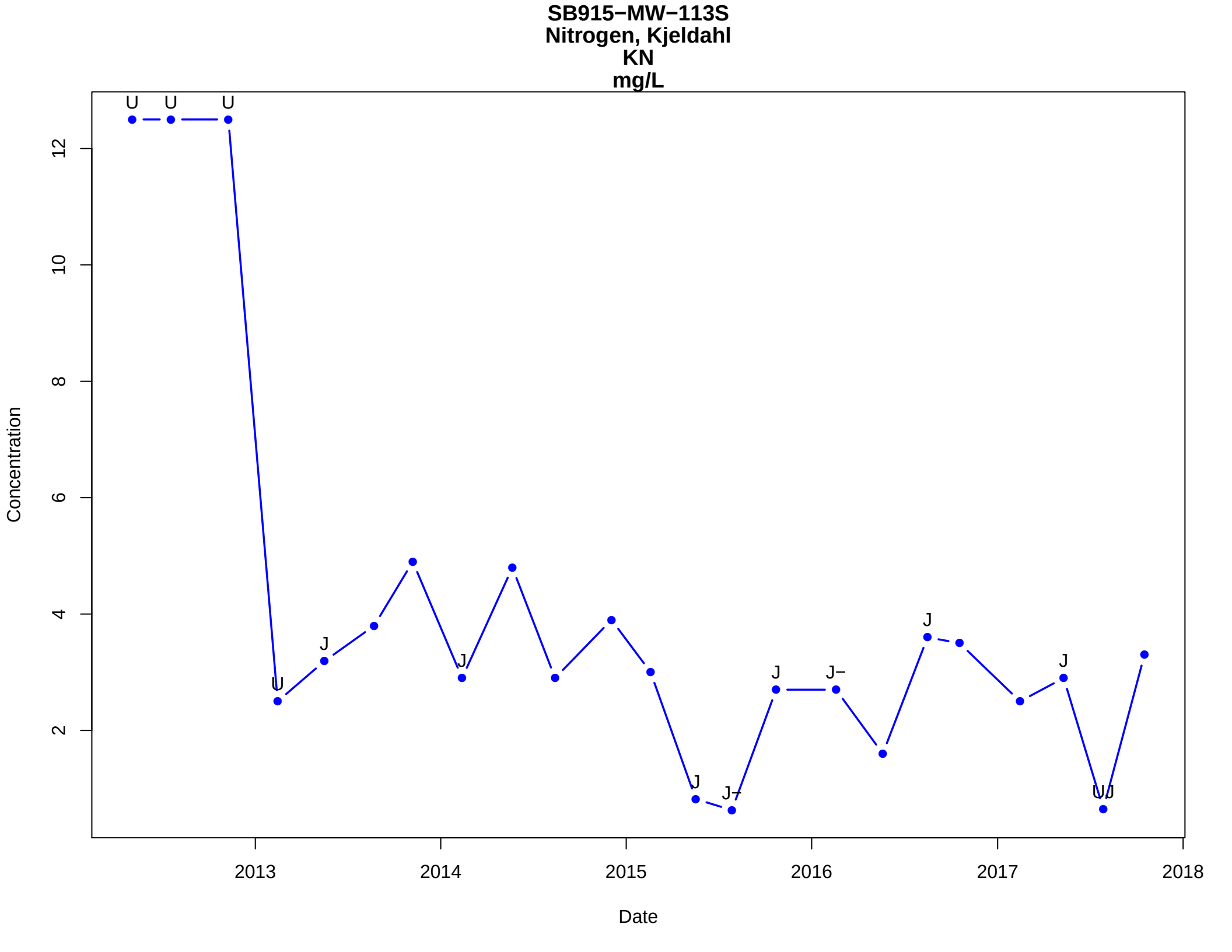

SB915−MW−112I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
3.0
2.5
2.0
1.5
1.0
J−
J
J
J−
J−
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
2018
Date

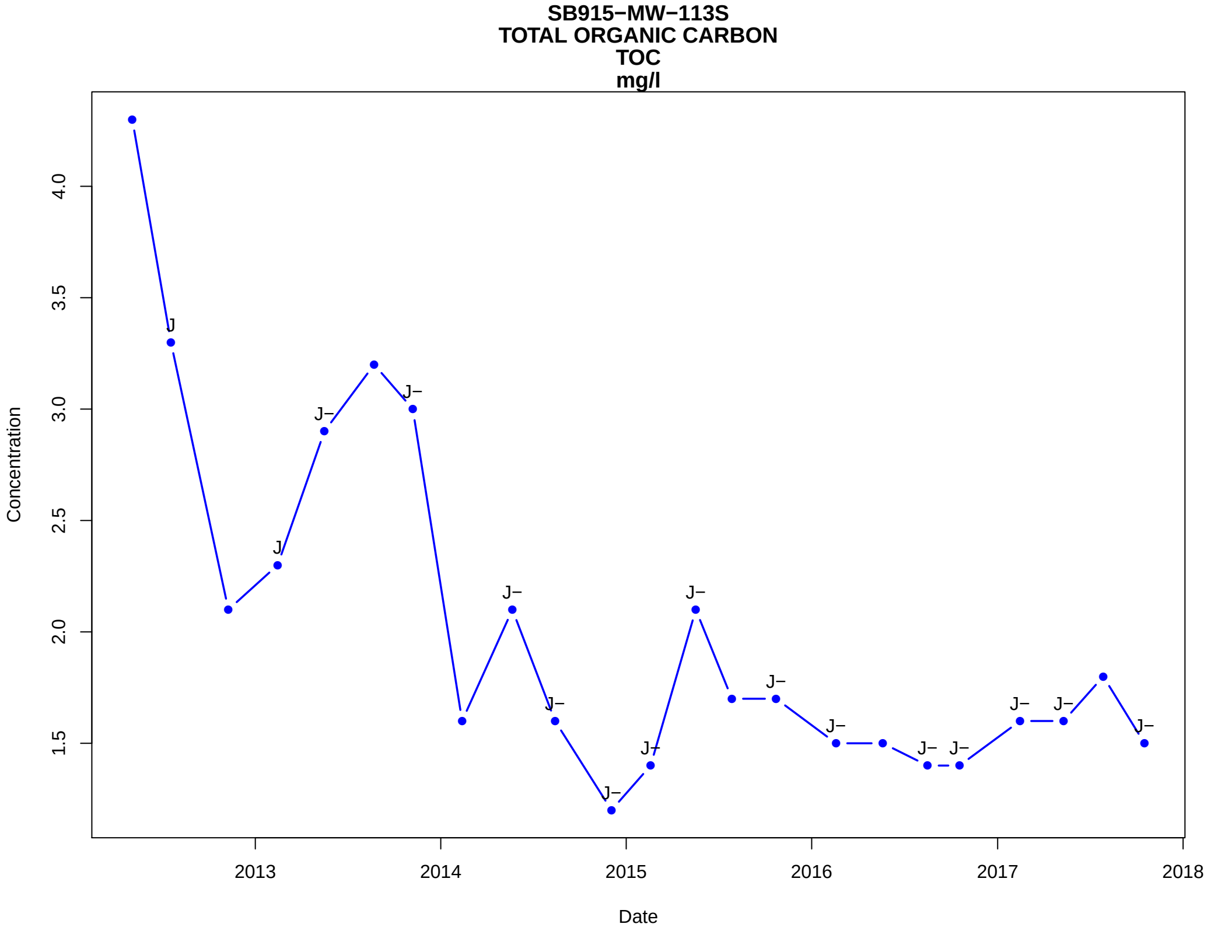

SB915−MW−113S
Sulfate
14808−79−8
mg/l
Concentration
300
400
500
600
2013
2014
2015
2016
2017
2018
Date

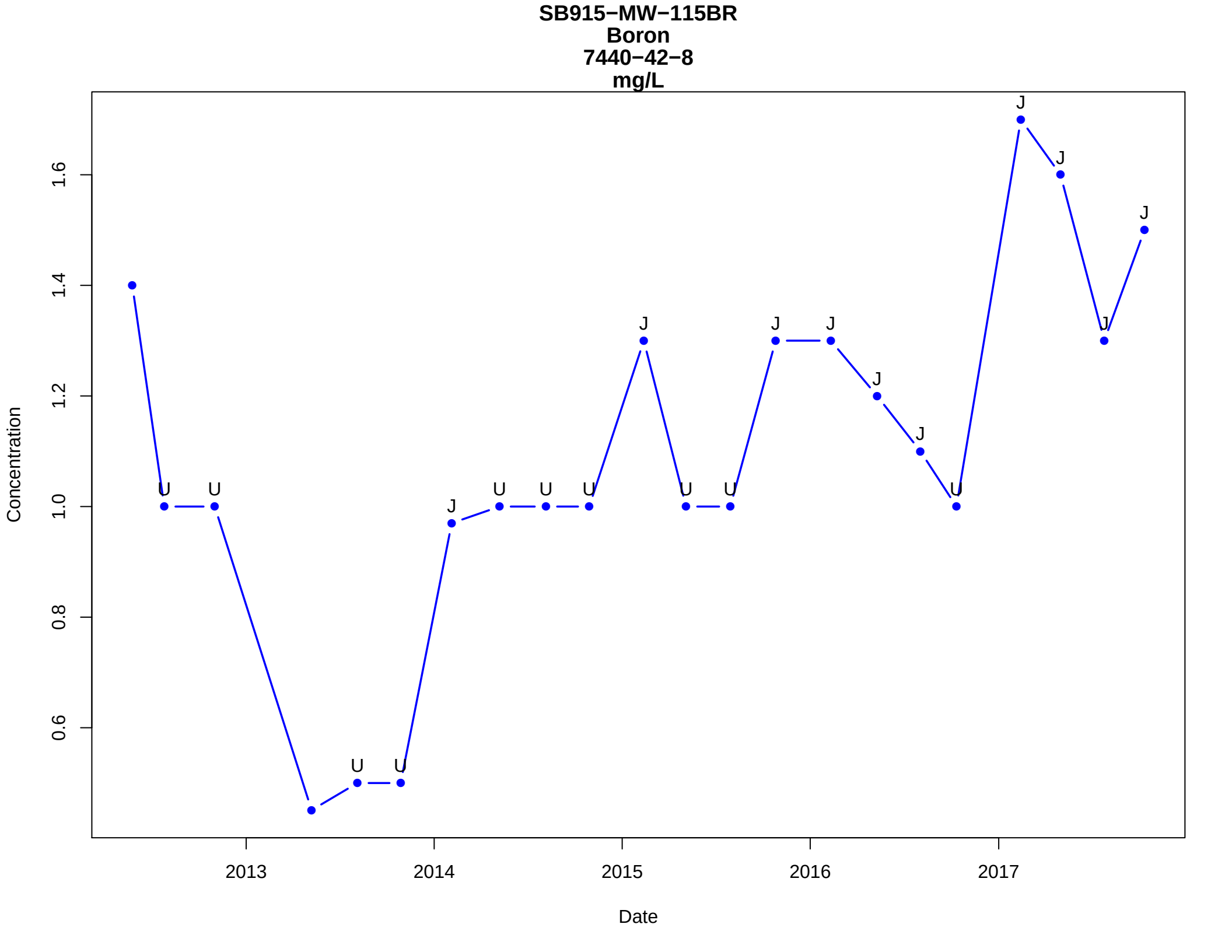

SB915−MW−113S
Potassium
7440−09−7
mg/L
Concentration
110
100
90
80
70
60
50
40
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

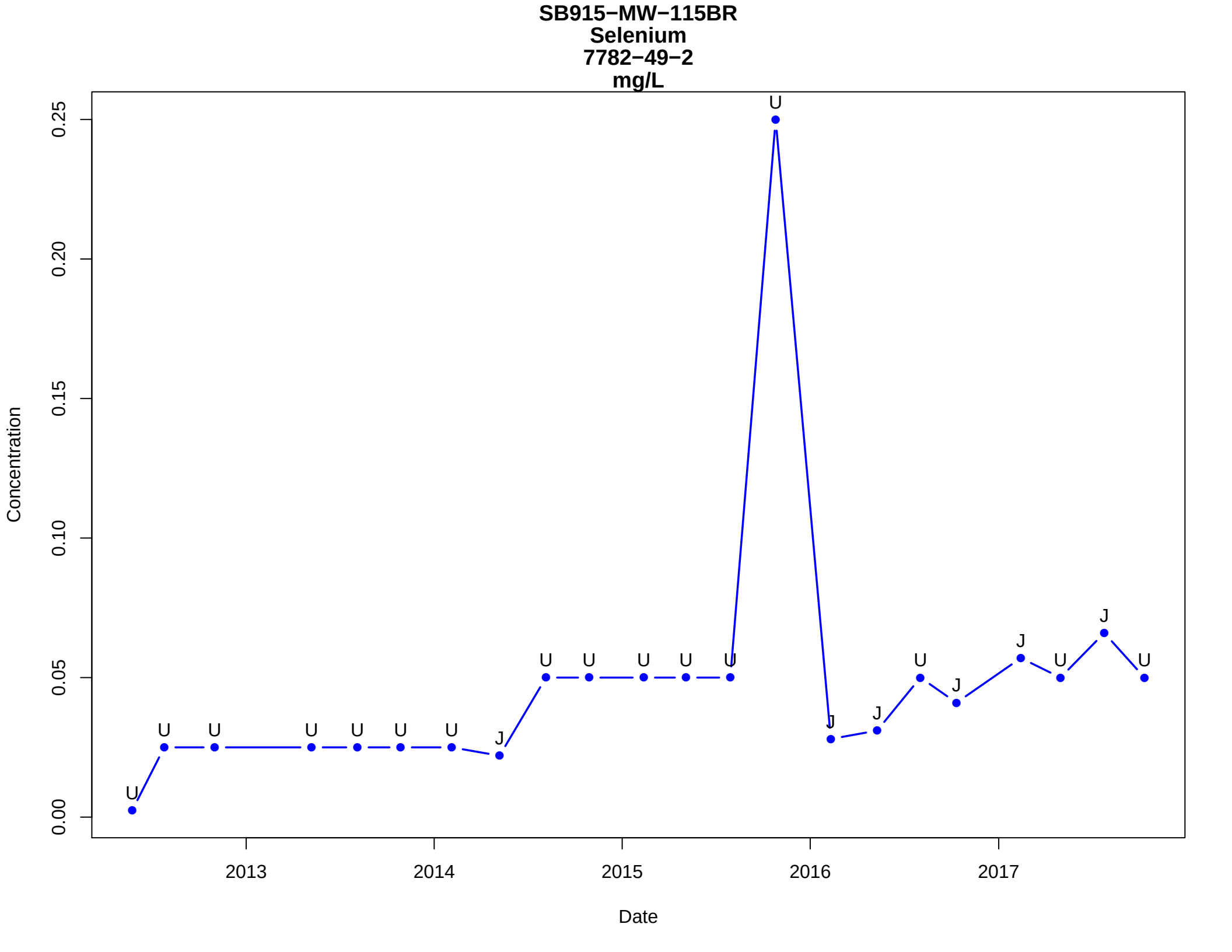

SB915−MW−113S
Calcium
7440−70−2
mg/L
Concentration
4000
3800
3600
3400
3200
3000
2800
2013
2014
2015
2016
2017
2018
Date

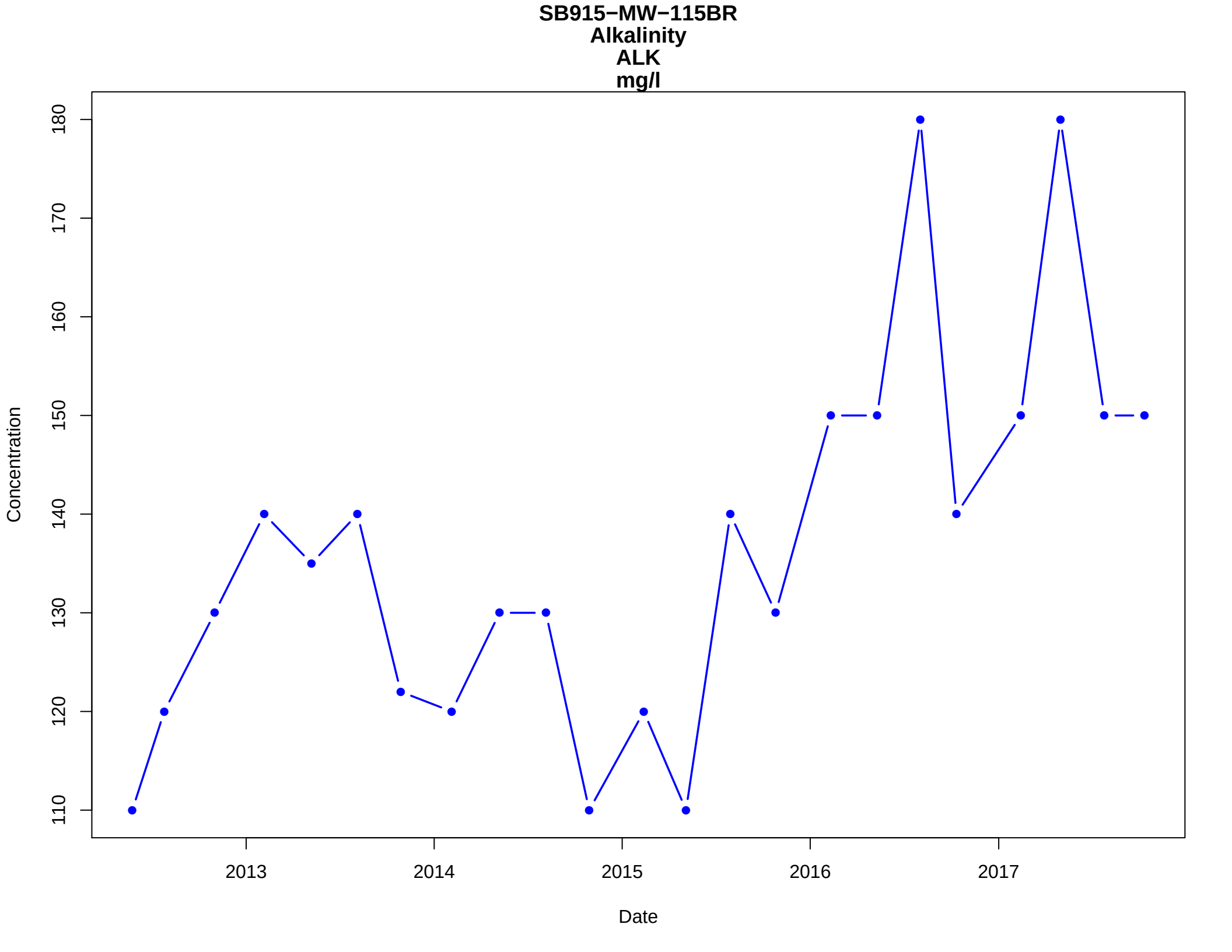

SB915−MW−113S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
8000
8500
9000
9500
10000
10500
11000
2013
2014
2015
2016
2017
2018
Date

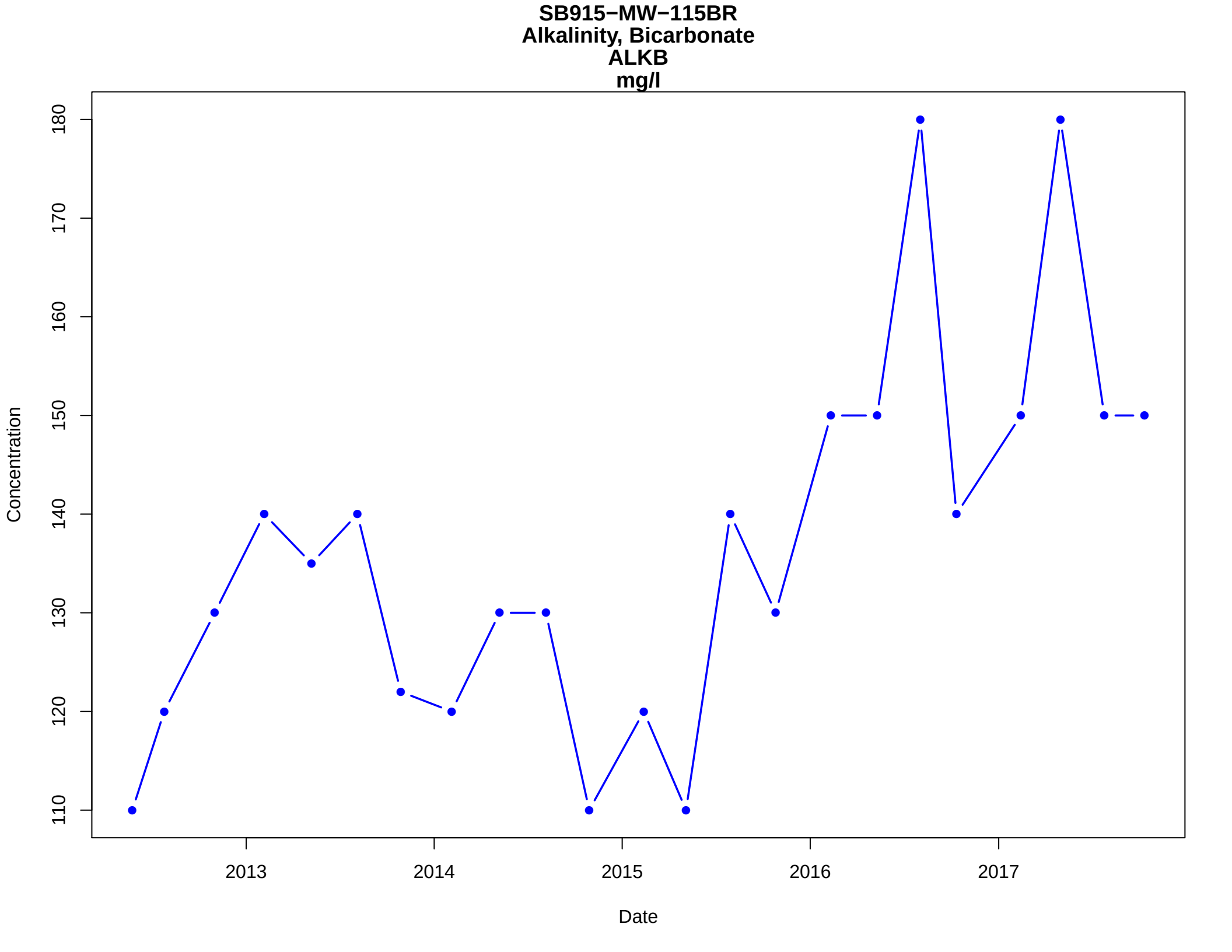

SB915−MW−113S
Nitrogen, Kjeldahl
KN
mg/L
Concentration
2
4
6
8
10
12
U
U
U
U
J
J
J
J
J
J−
J
J−
J
J
UJ
2013
2014
2015
2016
2017
2018
Date

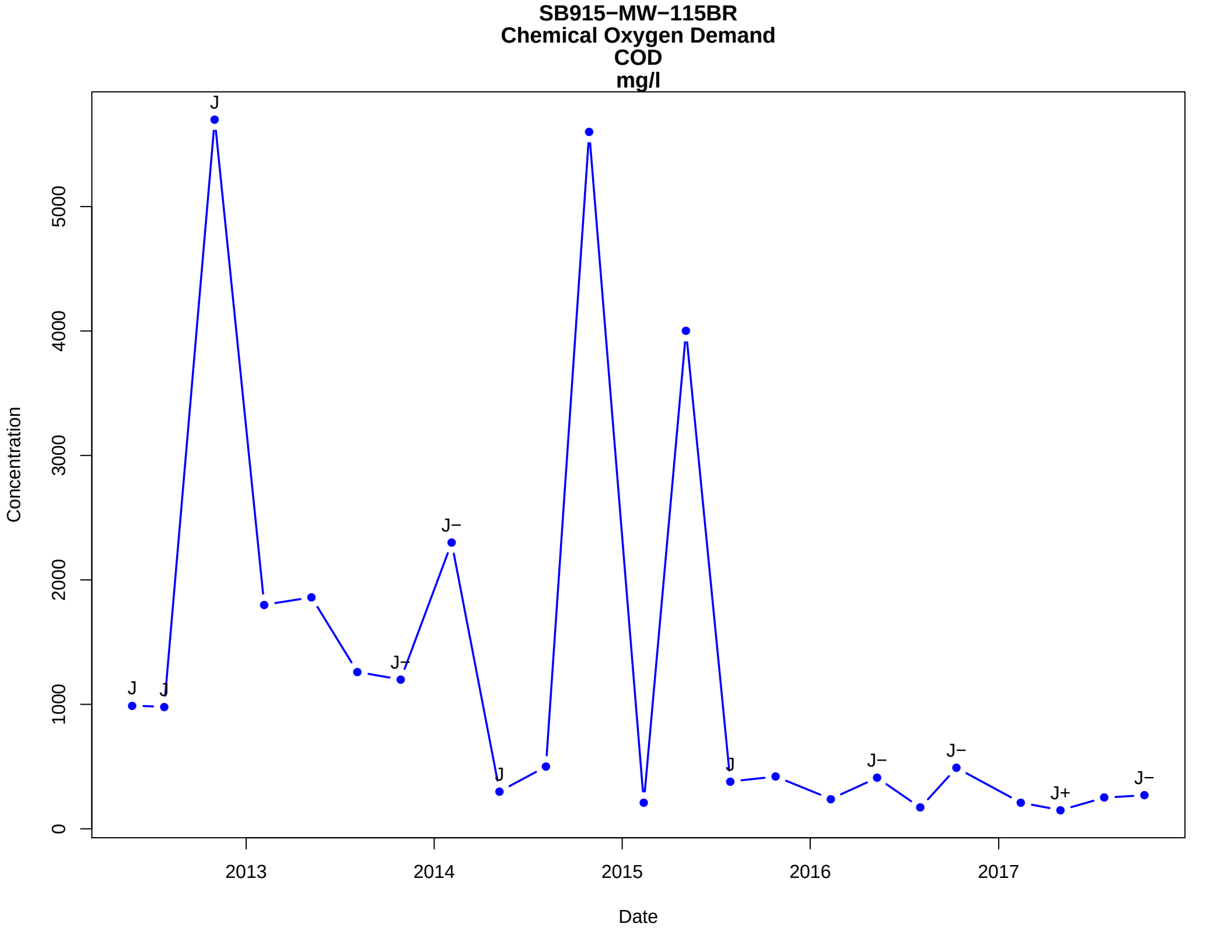

SB915−MW−113S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
4.0
3.5
3.0
2.5
2.0
1.5
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
2018
Date

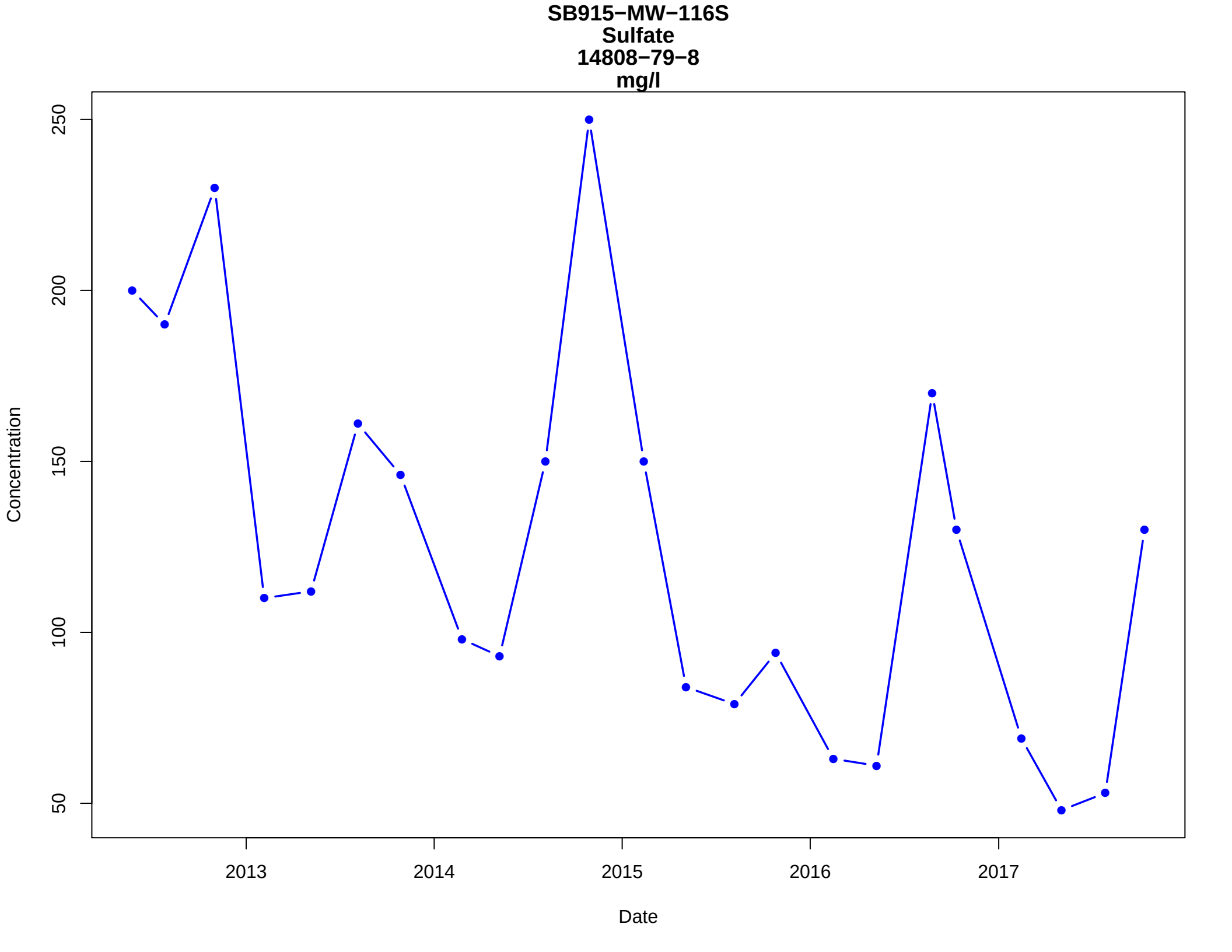

SB915−MW−115BR
Boron
7440−42−8
mg/L
Concentration
0.6
0.8
1.0
1.2
1.4
1.6
U U U U J U U U J J J J U U J J J J
2013
2014
2015
2016
2017
Date

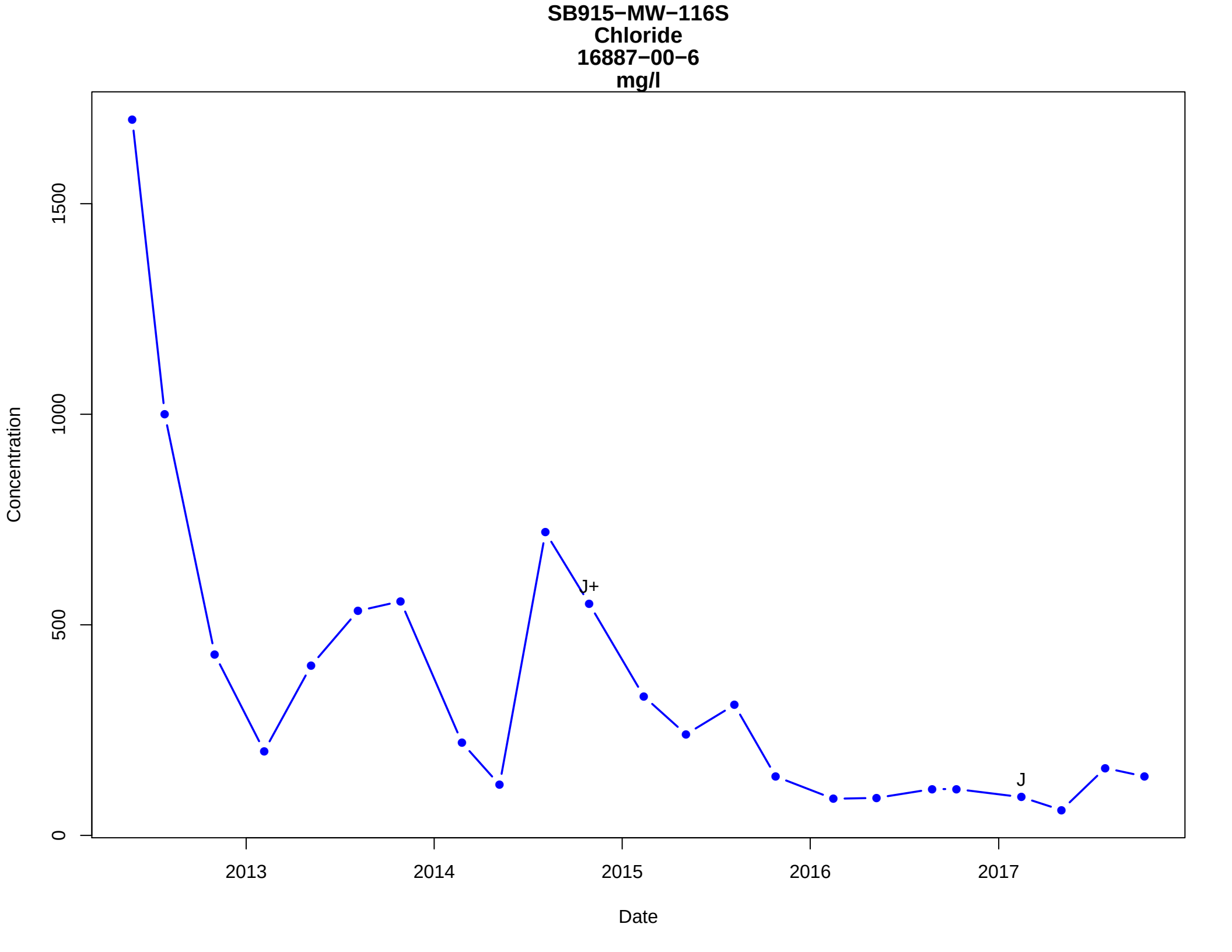

SB915−MW−115BR
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
Date
U
U
U
U
U
U
U
J
U
U
U
U
U
U
J
J
U
J
J
U
J
U
U

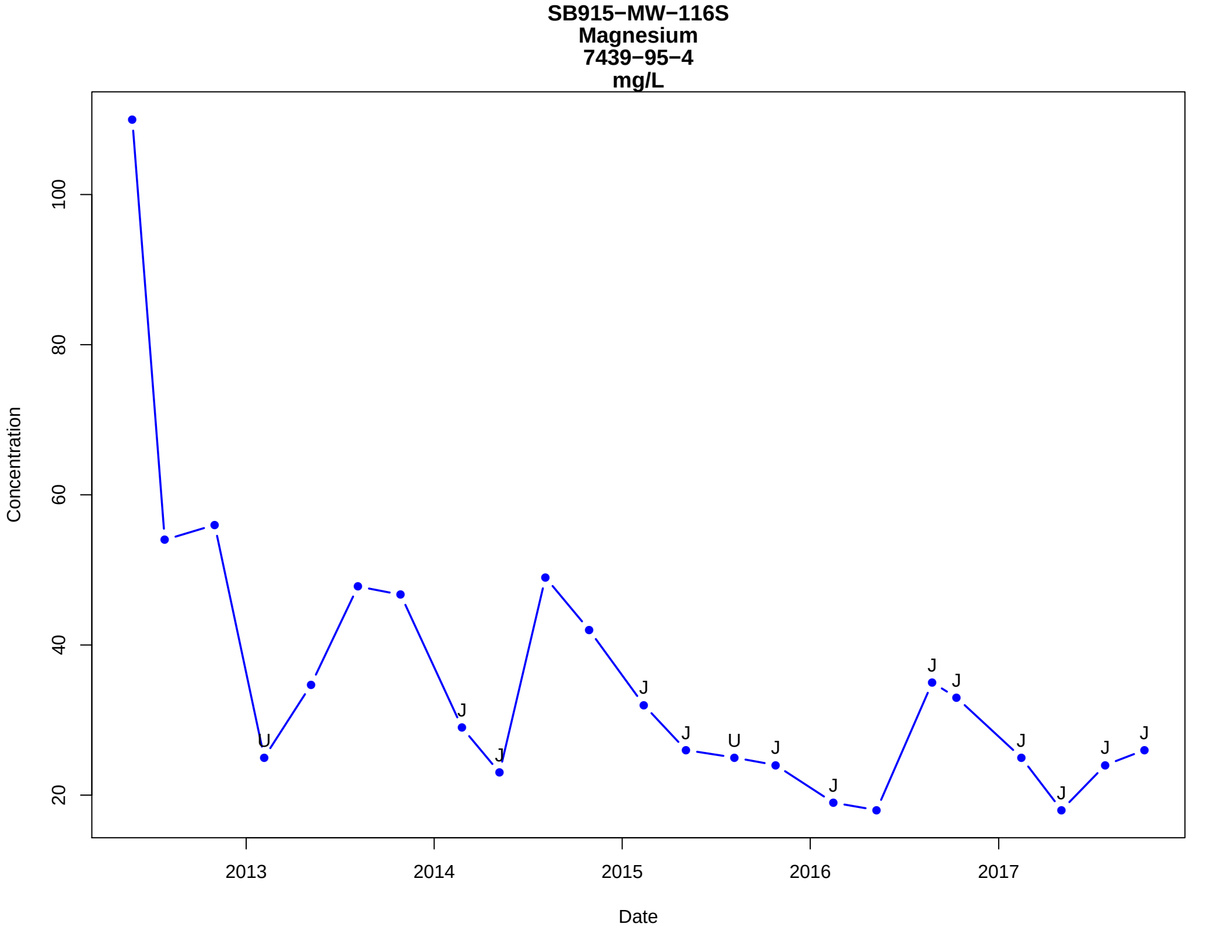

SB915−MW−115BR
Alkalinity
ALK
mg/l
Concentration
110
120
130
140
150
160
170
180
2013
2014
2015
2016
2017
Date

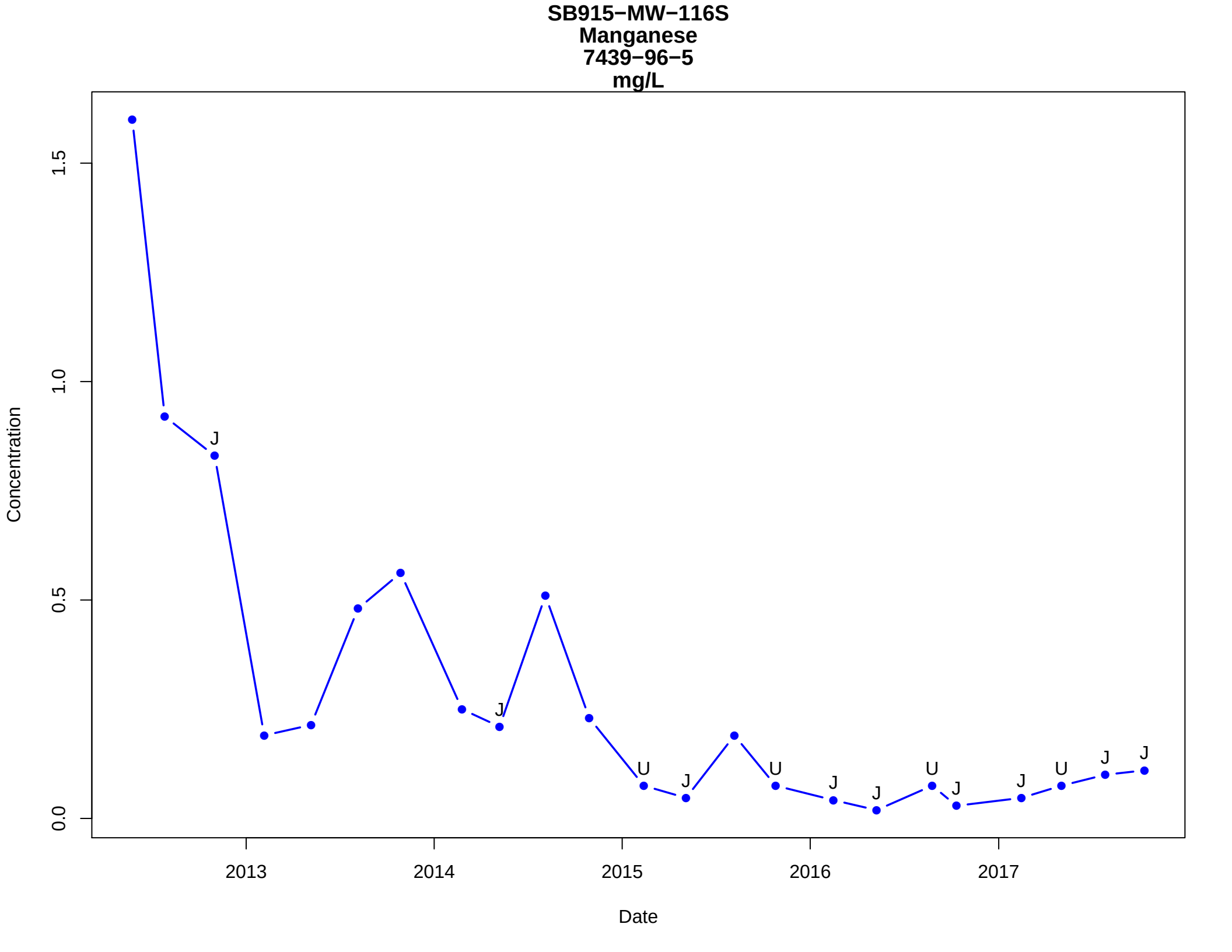

SB915−MW−115BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
110
120
130
140
150
160
170
180
2013
2014
2015
2016
2017
Date

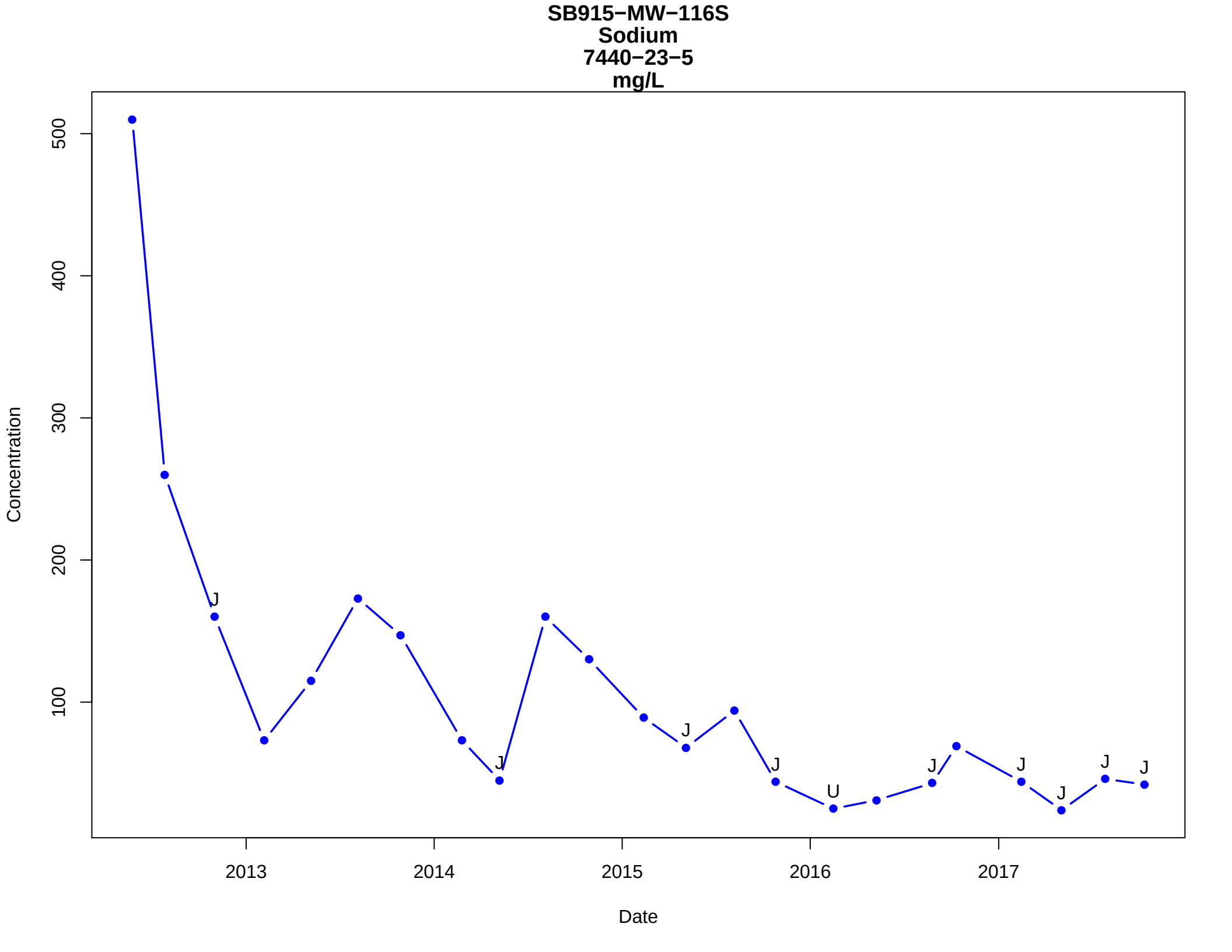

SB915−MW−115BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
2013
2014
2015
2016
2017
Date
J
J
J
J
J−
J−
J
J
J−
J−
J+
J−

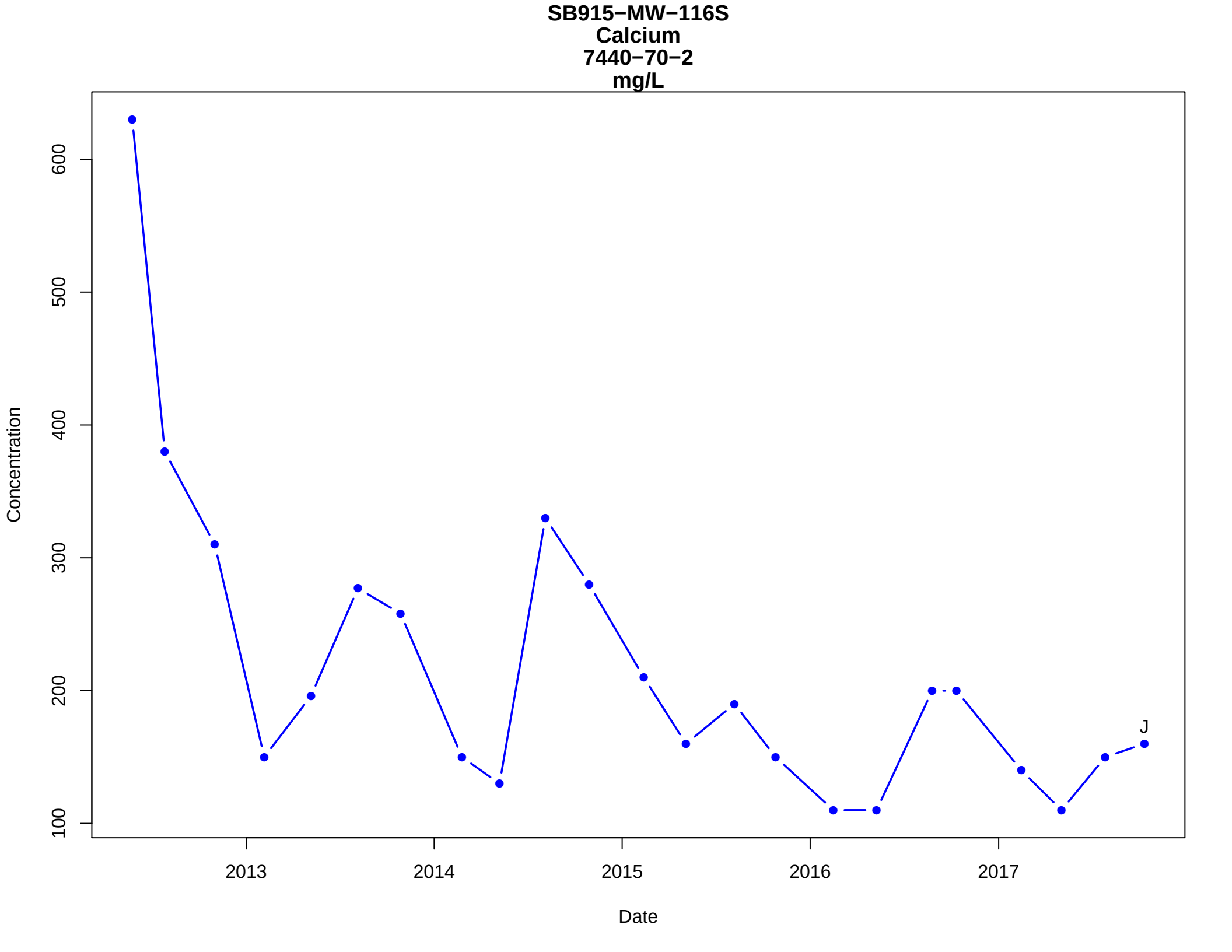

SB915−MW−116S
Sulfate
14808−79−8
mg/l
Concentration
250
200
150
100
50
2013
2014
2015
2016
2017
Date

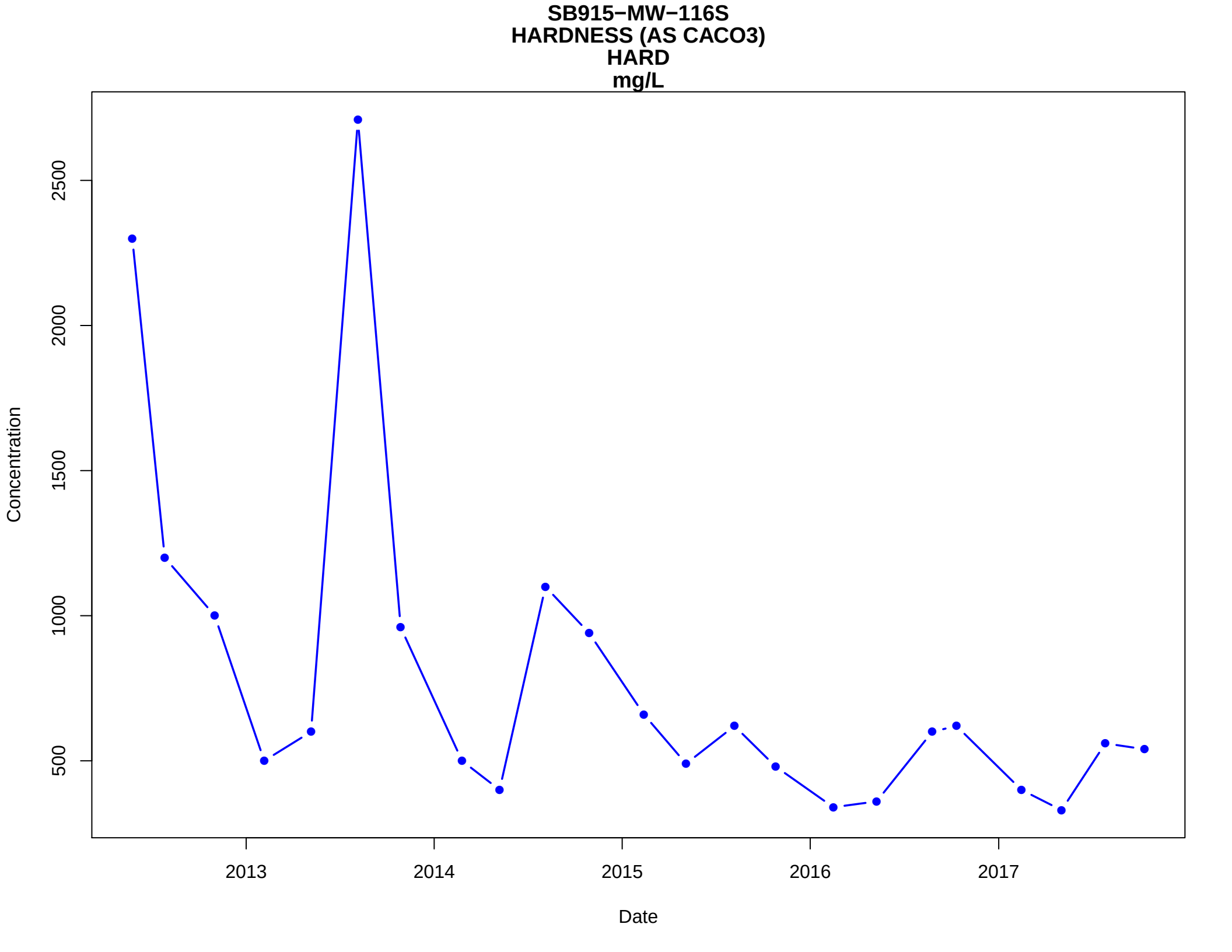

SB915−MW−116S
Chloride
16887−00−6
mg/l
Concentration
0
500
1000
1500
J+
J
2013
2014
2015
2016
2017
Date

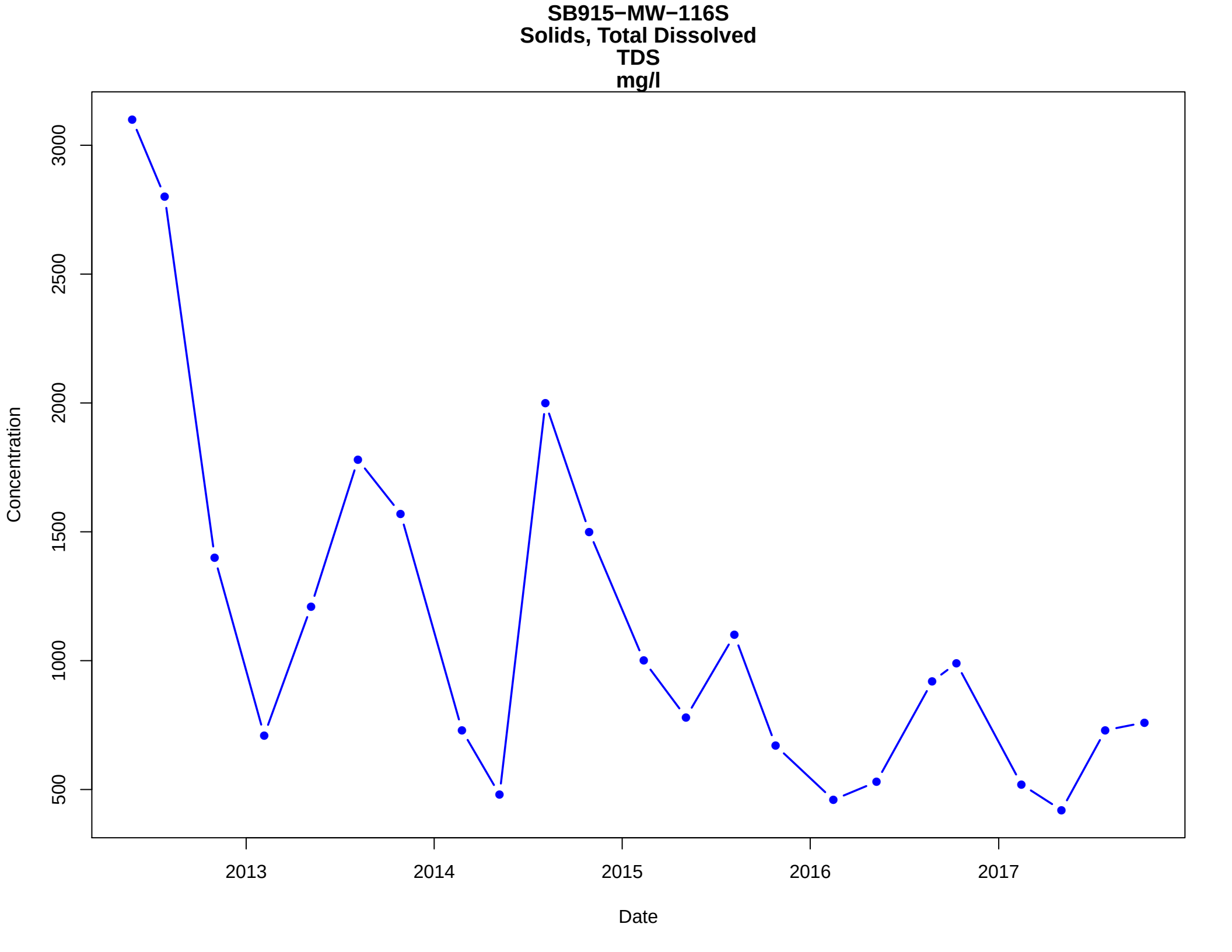

SB915−MW−116S
Magnesium
7439−95−4
mg/L
Concentration
100
80
60
40
20
U
J
J
J
J
U
J
J
J
J
J
J
J
J
2013
2014
2015
2016
2017
Date

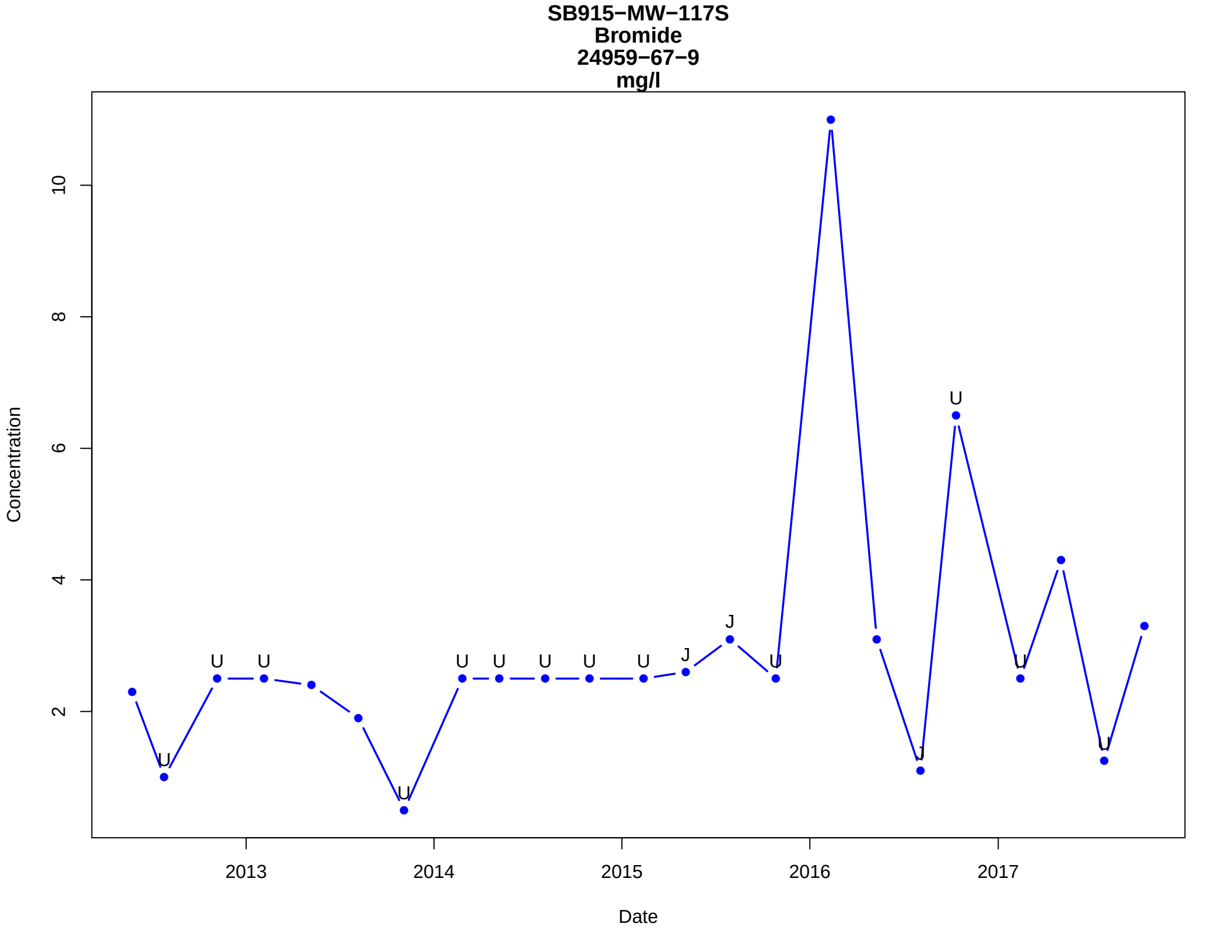

SB915−MW−116S
Manganese
7439−96−5
mg/L
Concentration
0.0
0.5
1.0
1.5
J
J
U
J
U
J
J
U
J
U
J
J
2013
2014
2015
2016
2017
Date

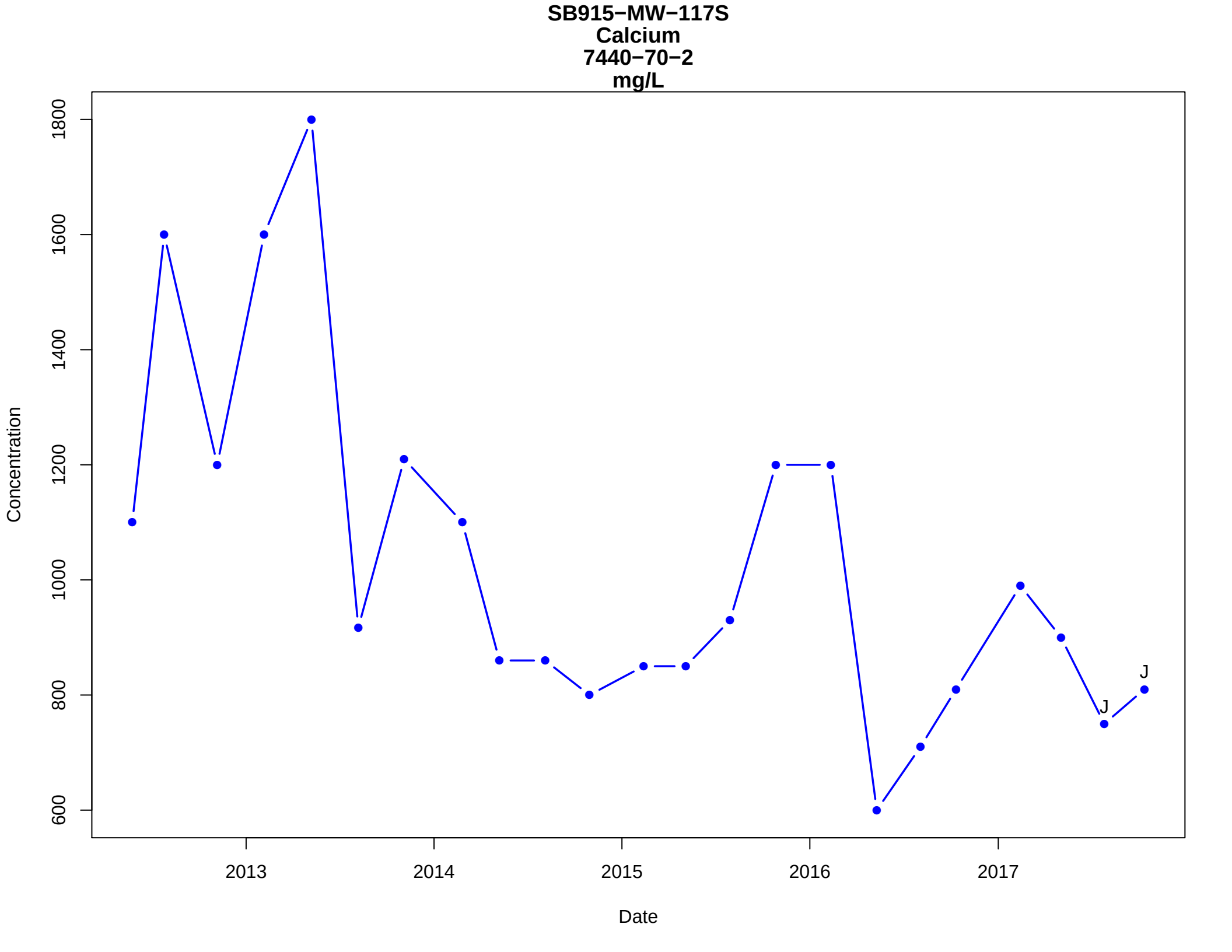

SB915−MW−116S
Sodium
7440−23−5
mg/L
Concentration
500
400
300
200
100
J
J
J
J
U
J
J
J
J
2013
2014
2015
2016
2017
Date

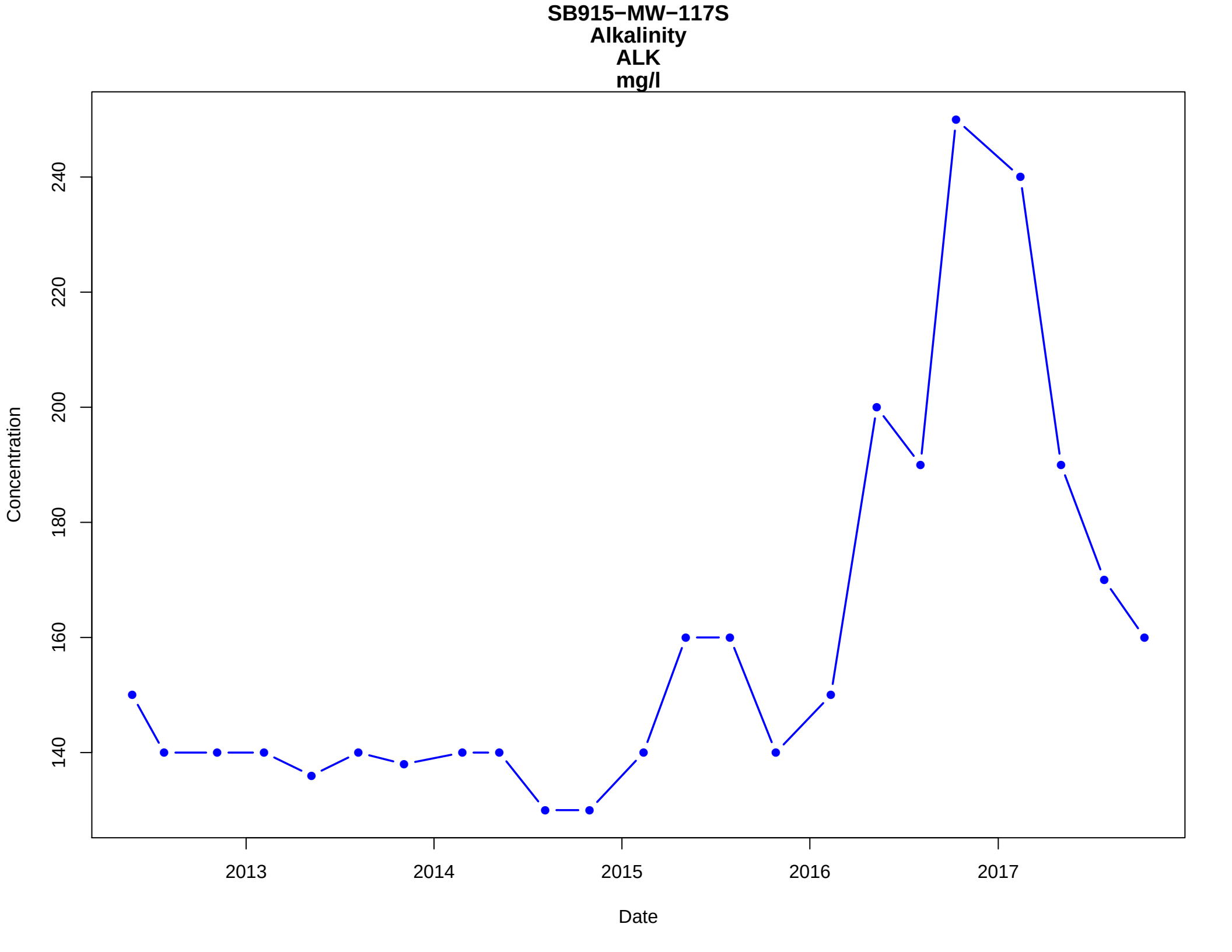

SB915−MW−116S
Calcium
7440−70−2
mg/L
Concentration
100
200
300
400
500
600
2013
2014
2015
2016
2017
Date
J

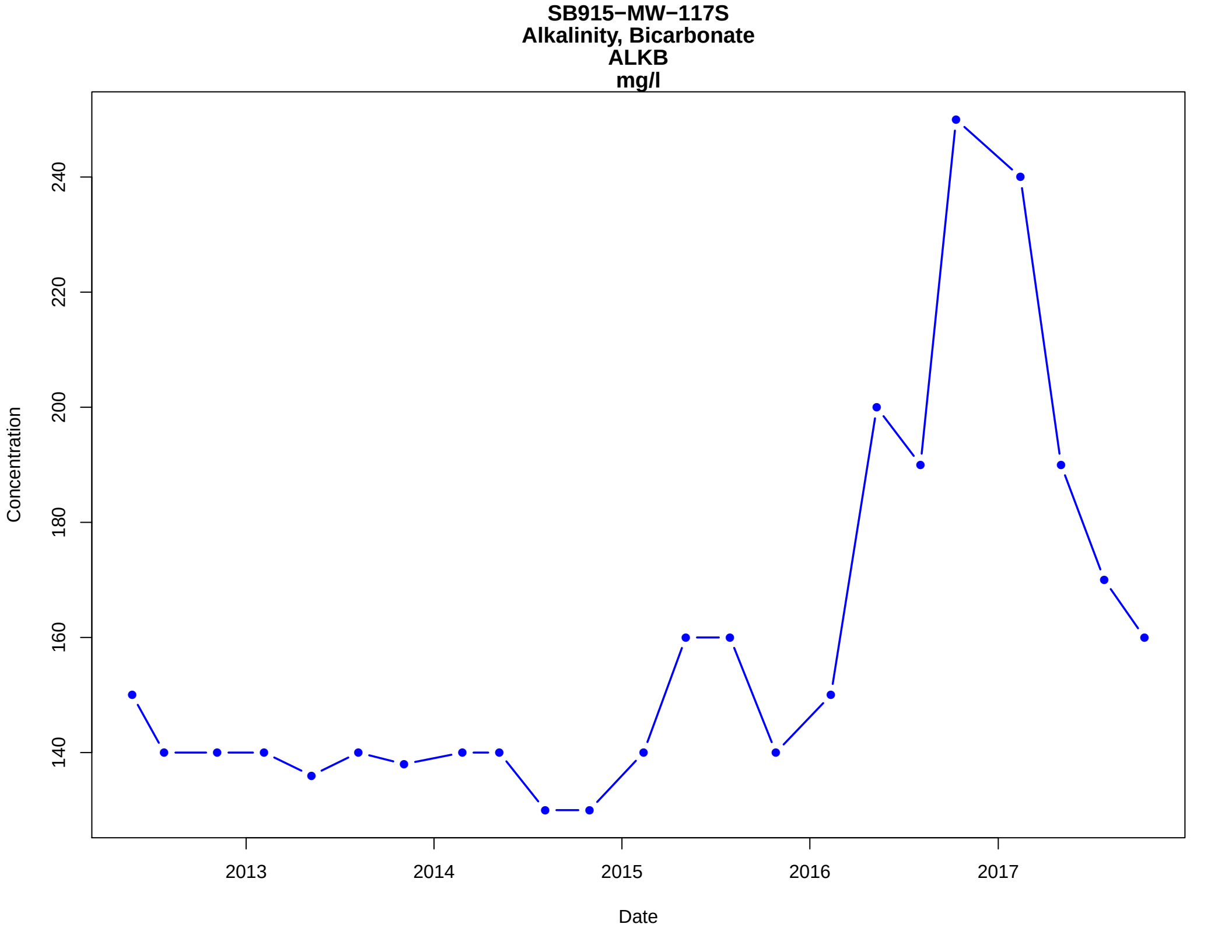

SB915−MW−116S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
500
1000
1500
2000
2500
2013
2014
2015
2016
2017
Date

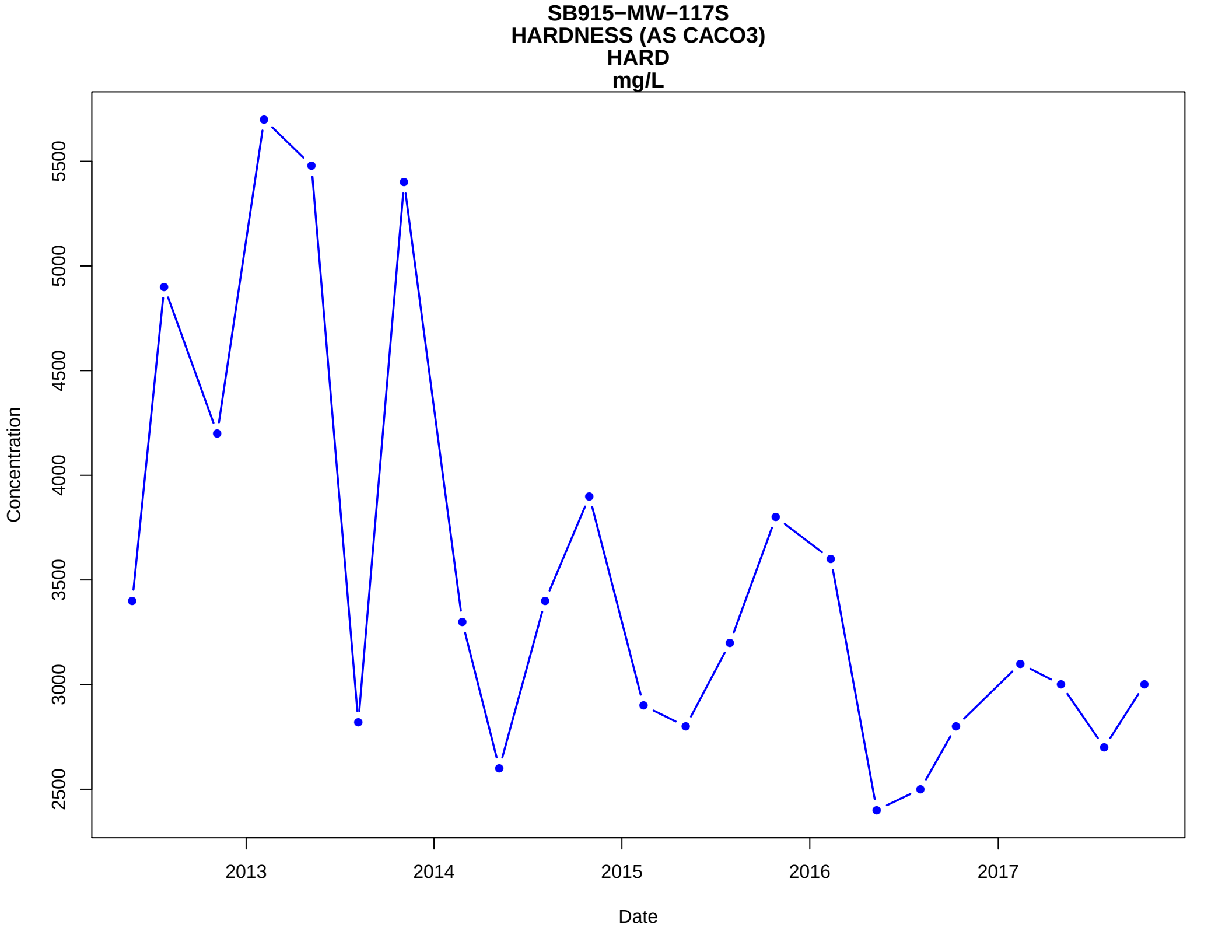

SB915−MW−116S
Solids, Total Dissolved
TDS
mg/l
Concentration
3000
2500
2000
1500
1000
500
2013
2014
2015
2016
2017
Date

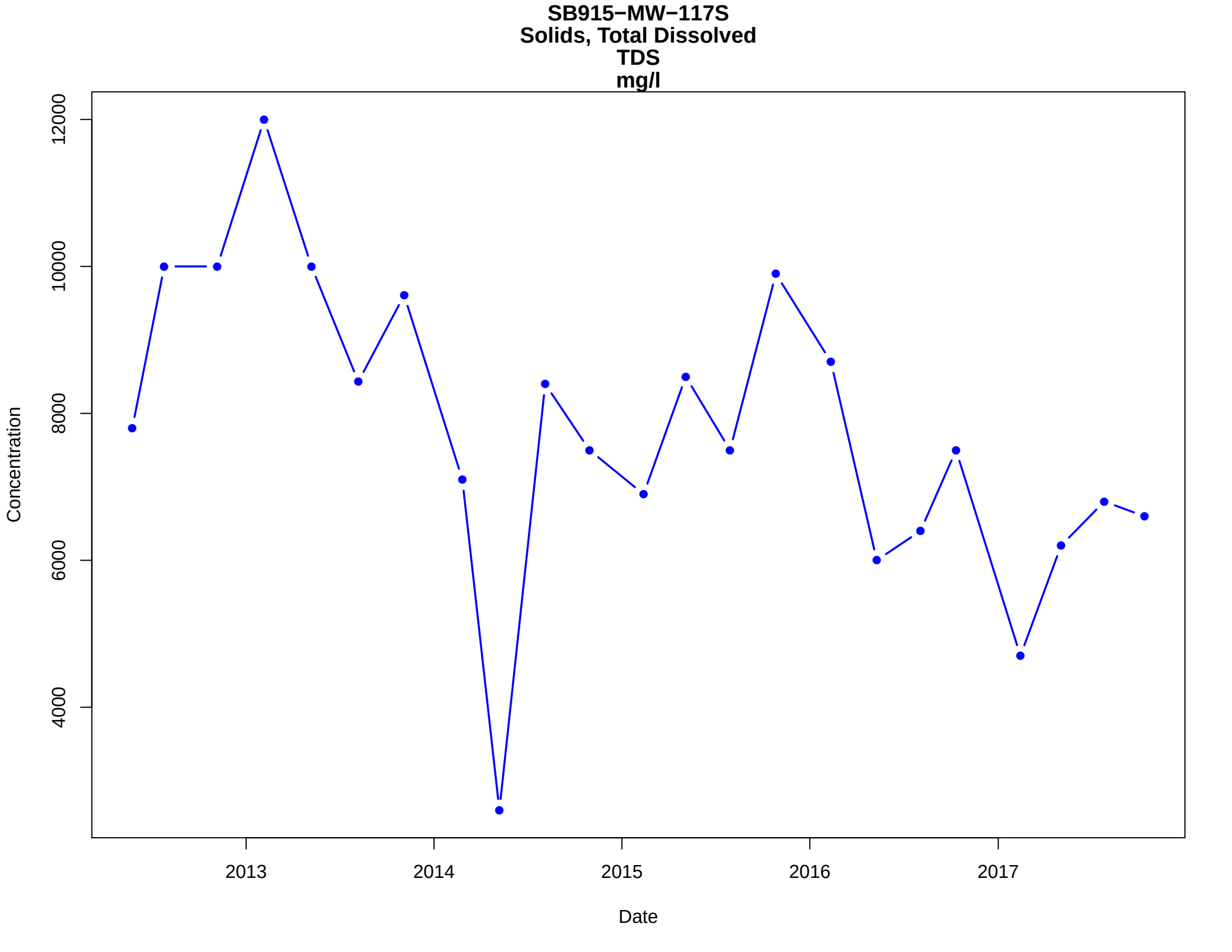

SB915−MW−117S
Bromide
24959−67−9
mg/l
Concentration
2
4
6
8
10
U
U
U
U
U
U
U
U
U
J
J
U
J
U
U
U
2013
2014
2015
2016
2017
Date

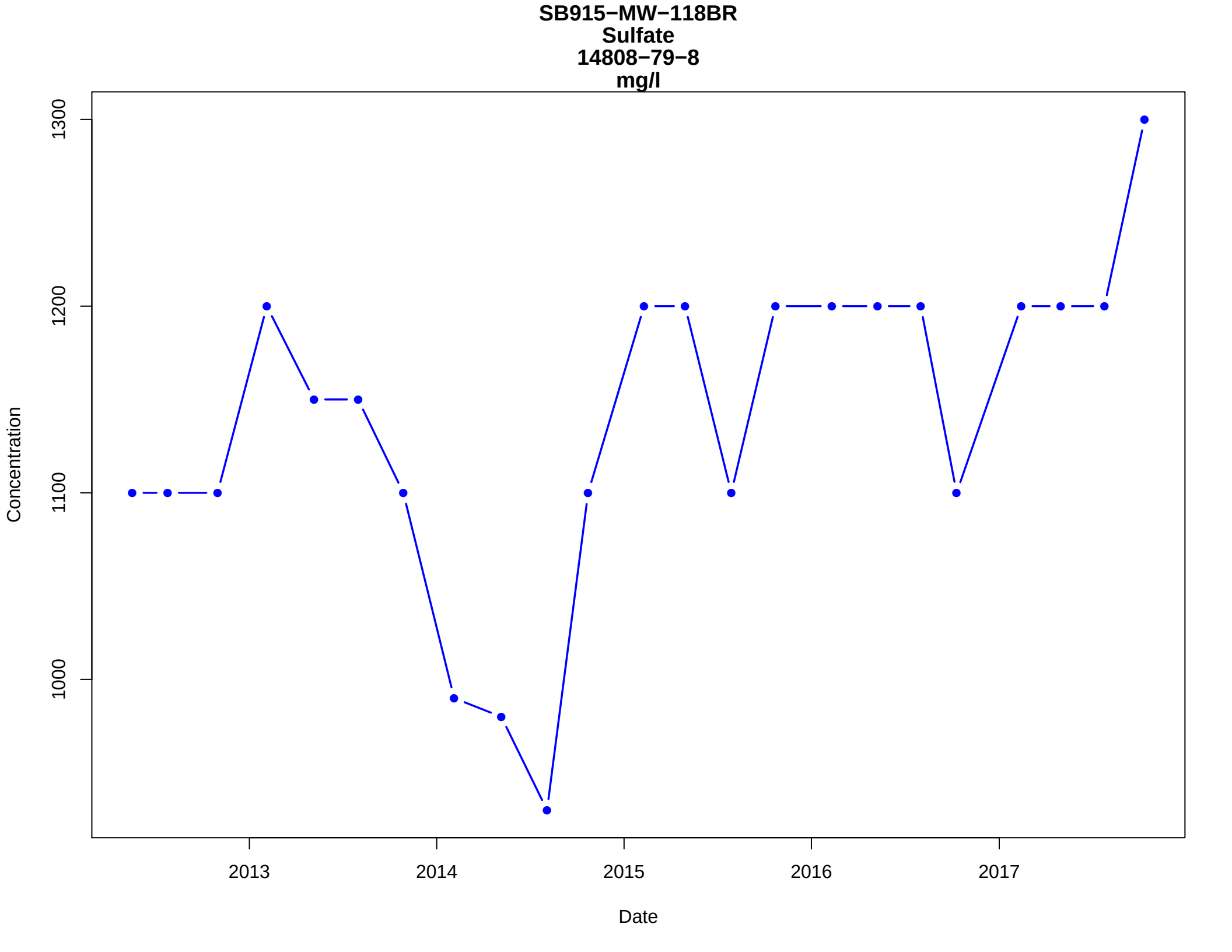

SB915−MW−117S
Calcium
7440−70−2
mg/L
Concentration
1800
1600
1400
1200
1000
800
600
2013
2014
2015
2016
2017
Date
J
J

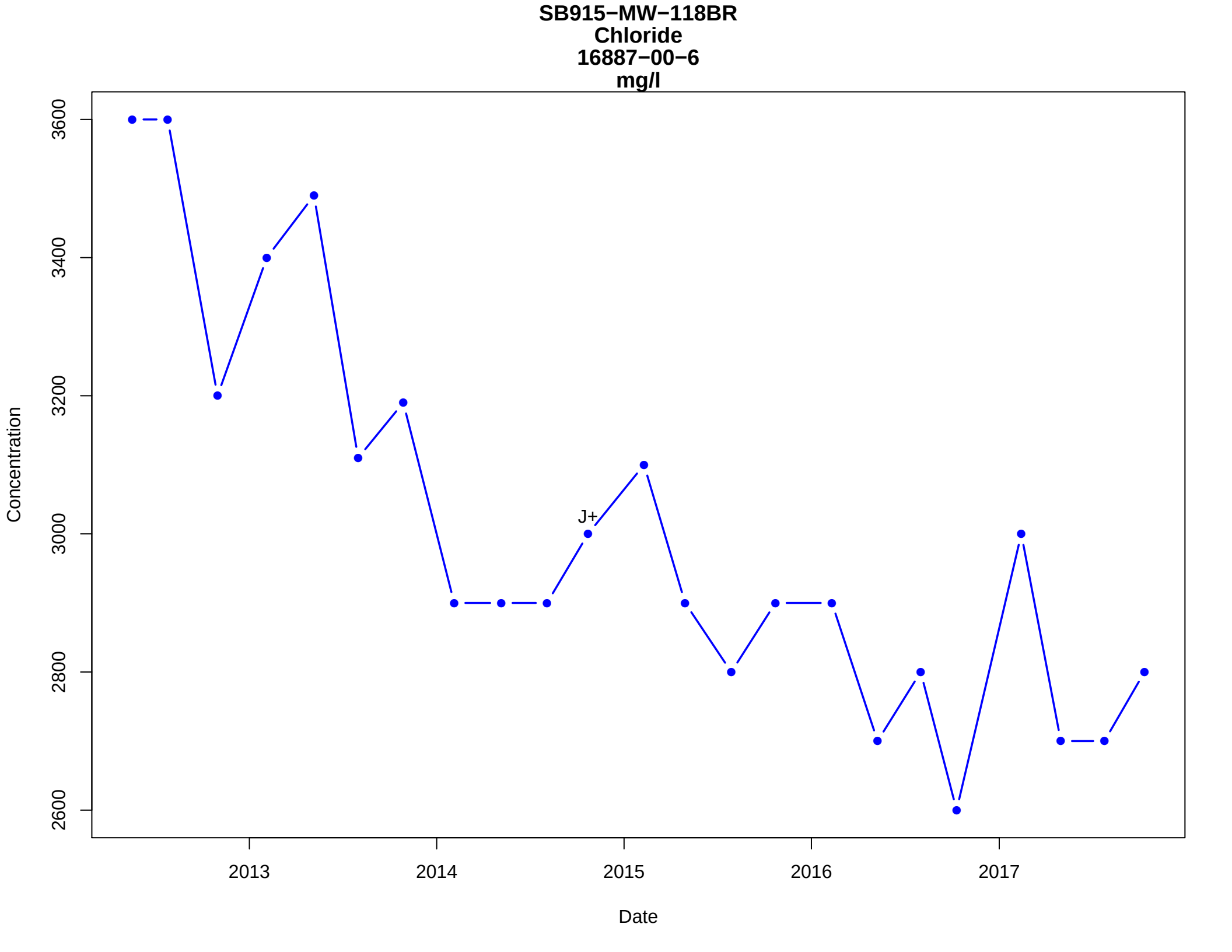

SB915−MW−117S
Alkalinity
ALK
mg/l
Concentration
140
160
180
200
220
240
2013
2014
2015
2016
2017
Date

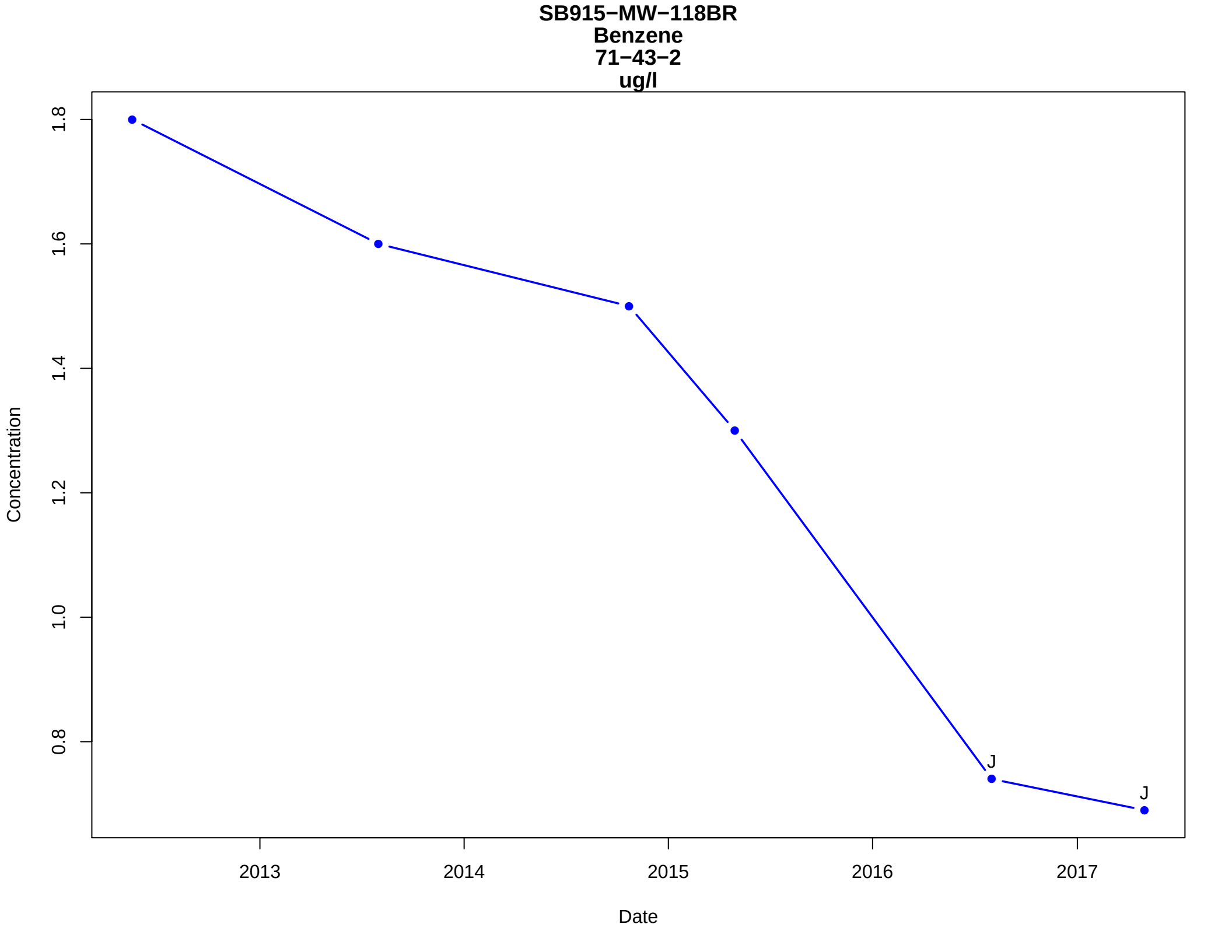

SB915−MW−117S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
140
160
180
200
220
240
2013
2014
2015
2016
2017
Date

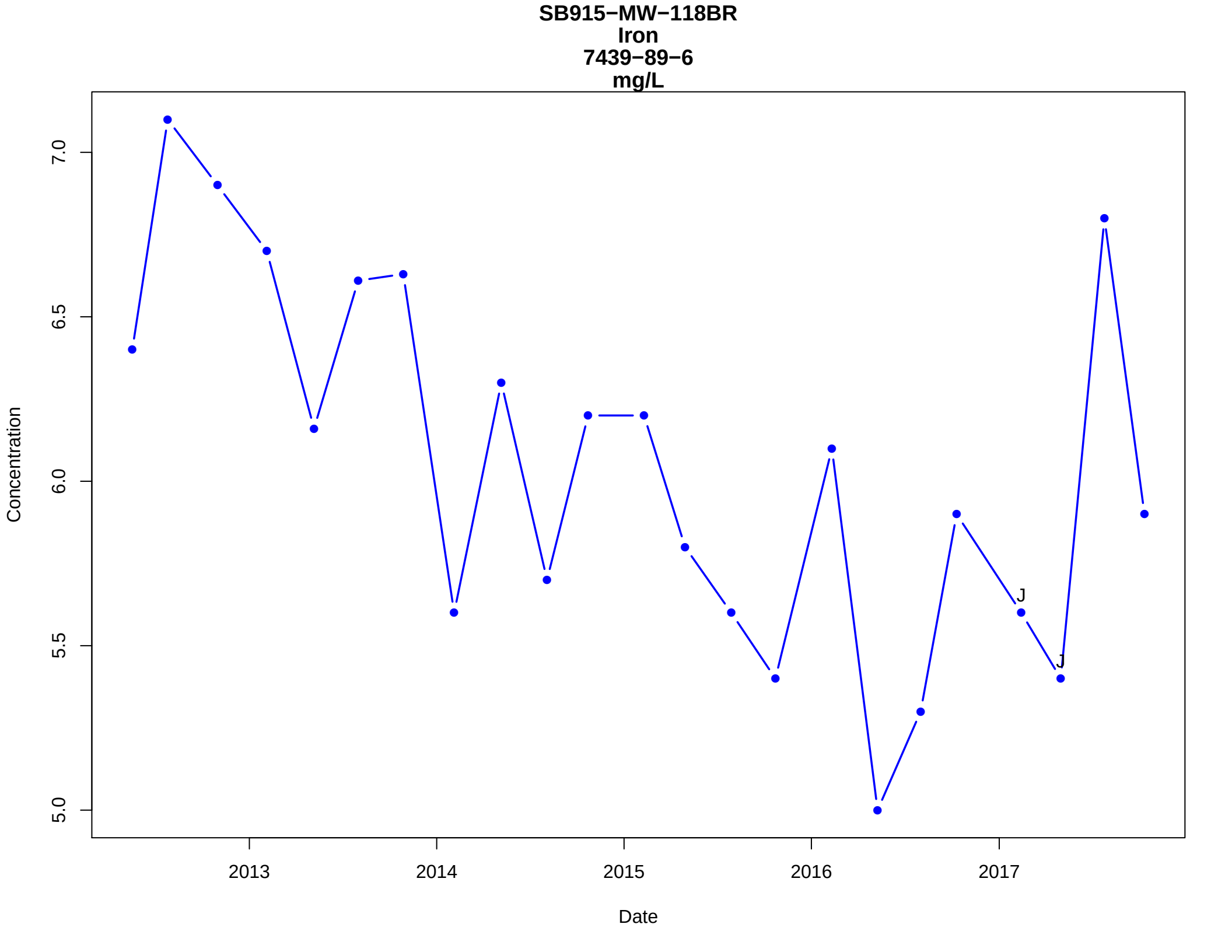

SB915−MW−117S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
2500
3000
3500
4000
4500
5000
5500
2013
2014
2015
2016
2017
Date

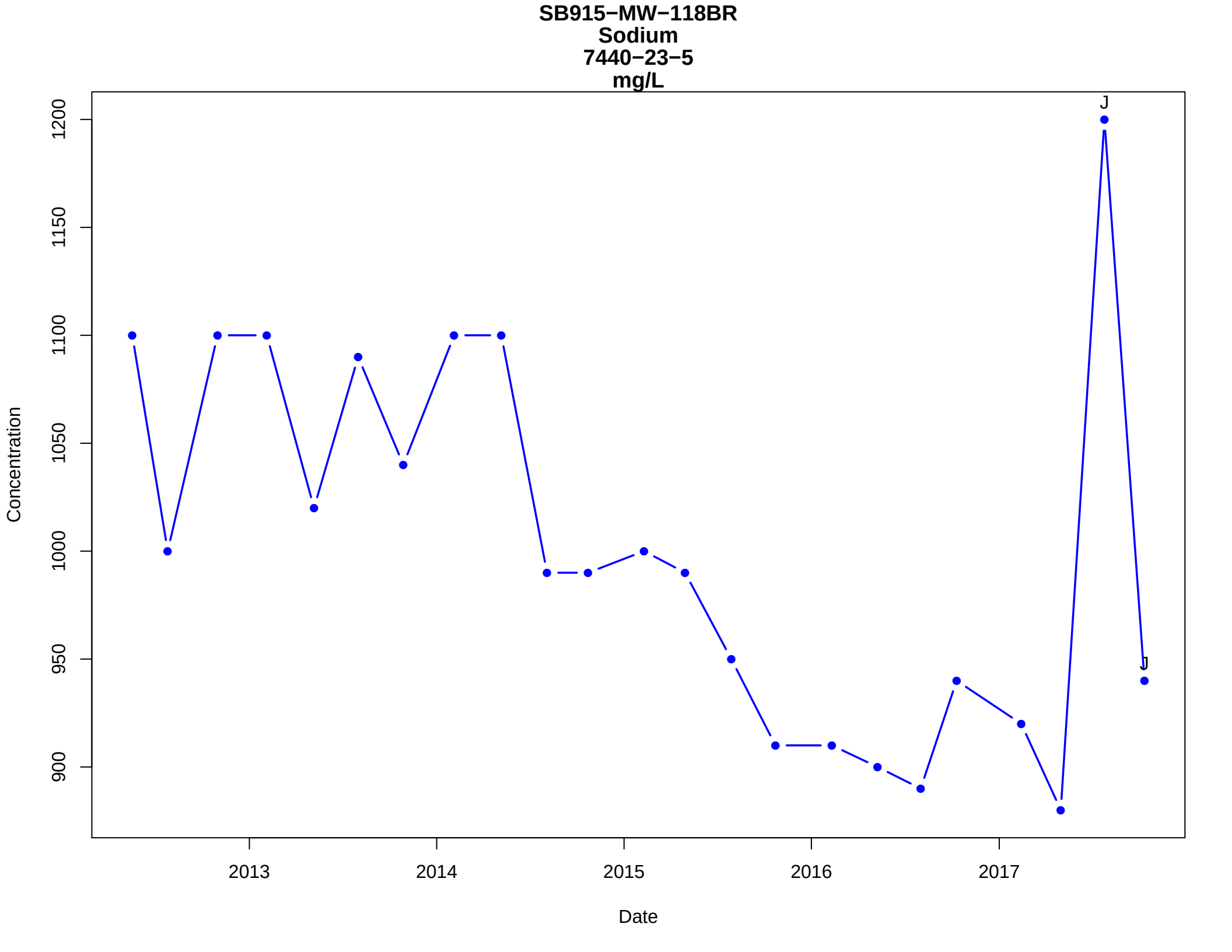

SB915−MW−117S
Solids, Total Dissolved
TDS
mg/l
Concentration
12000
10000
8000
6000
4000
2013
2014
2015
2016
2017
Date

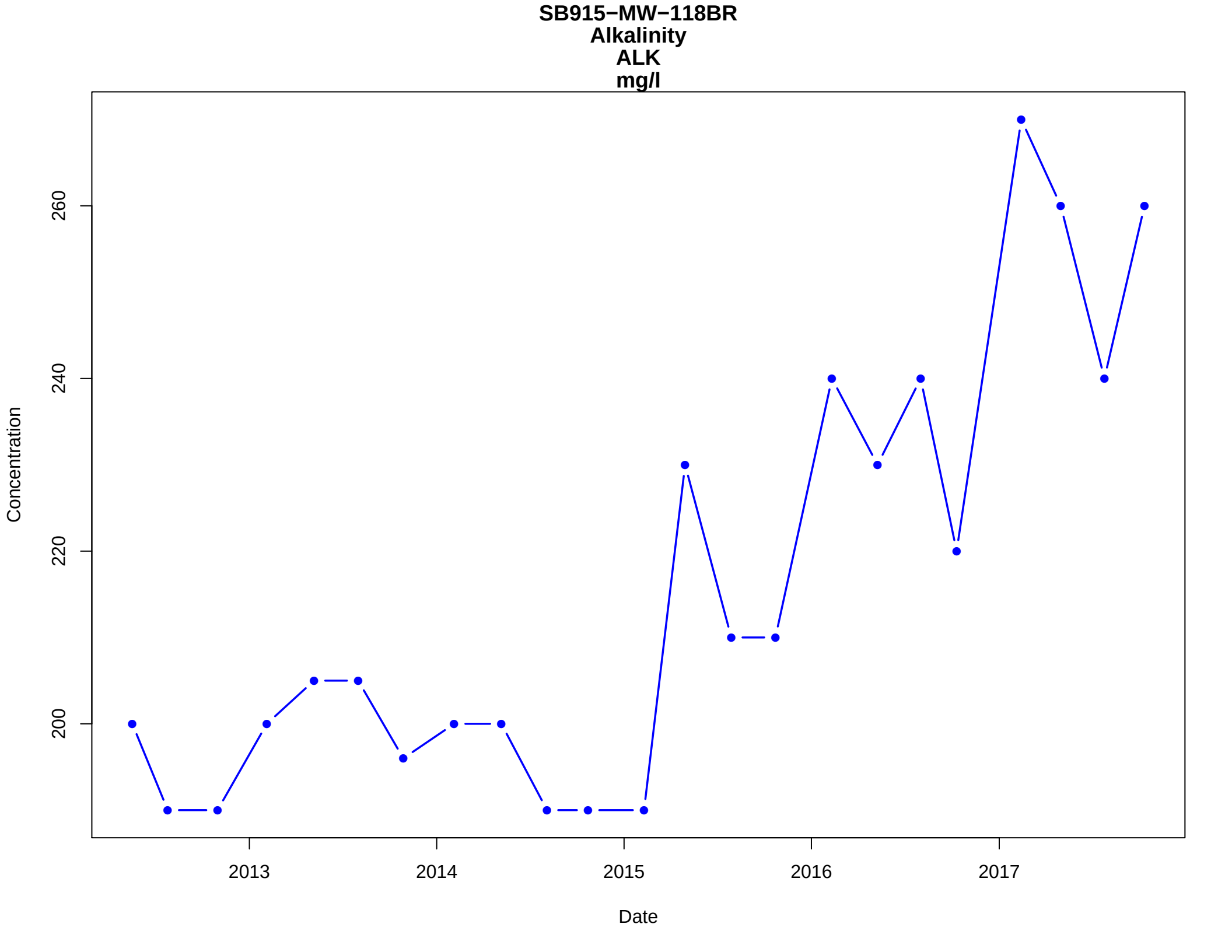

SB915−MW−118BR
Sulfate
14808−79−8
mg/l
Concentration
1000
1100
1200
1300
2013
2014
2015
2016
2017
Date

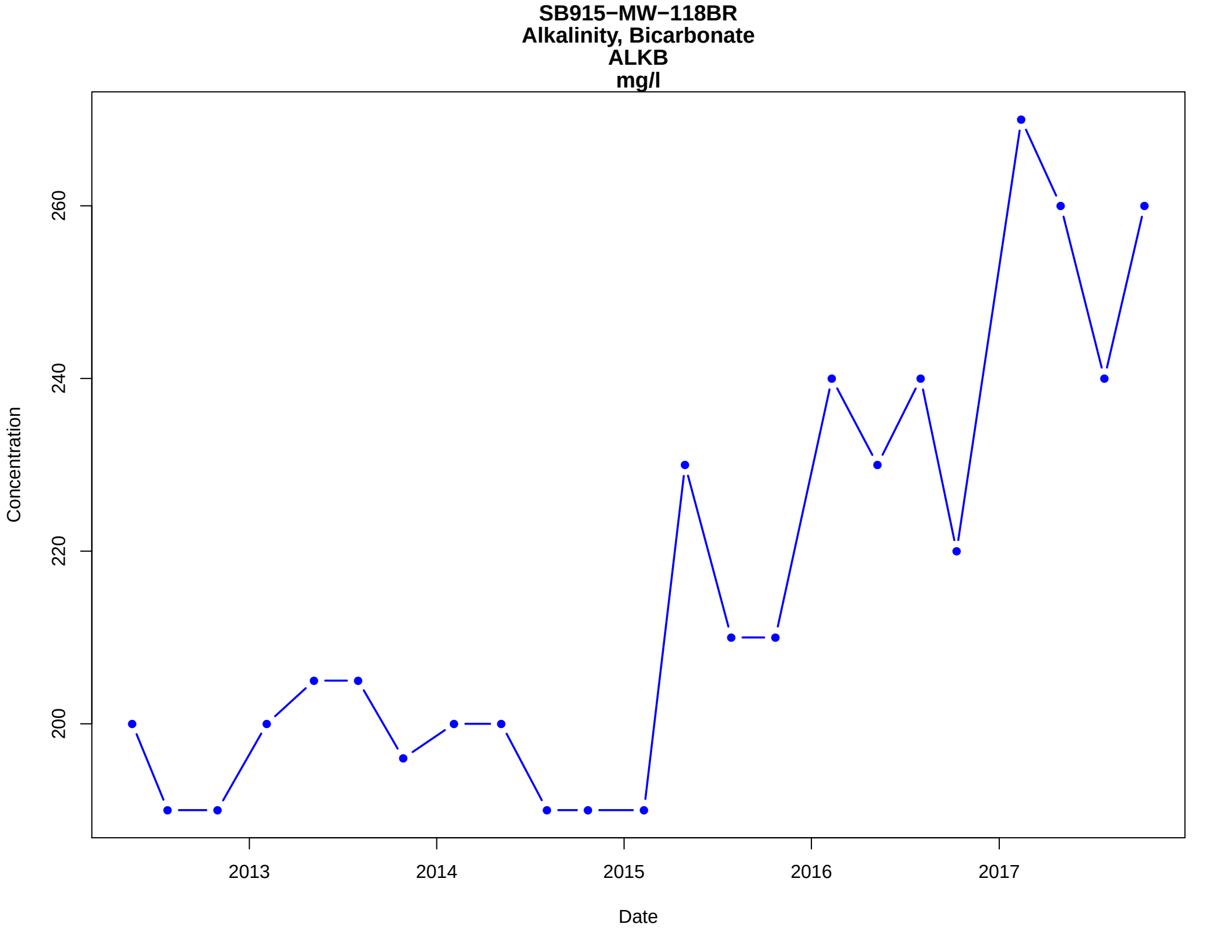

SB915−MW−118BR
Chloride
16887−00−6
mg/l
Concentration
3600
3400
3200
3000
2800
2600
J+
2013
2014
2015
2016
2017
Date

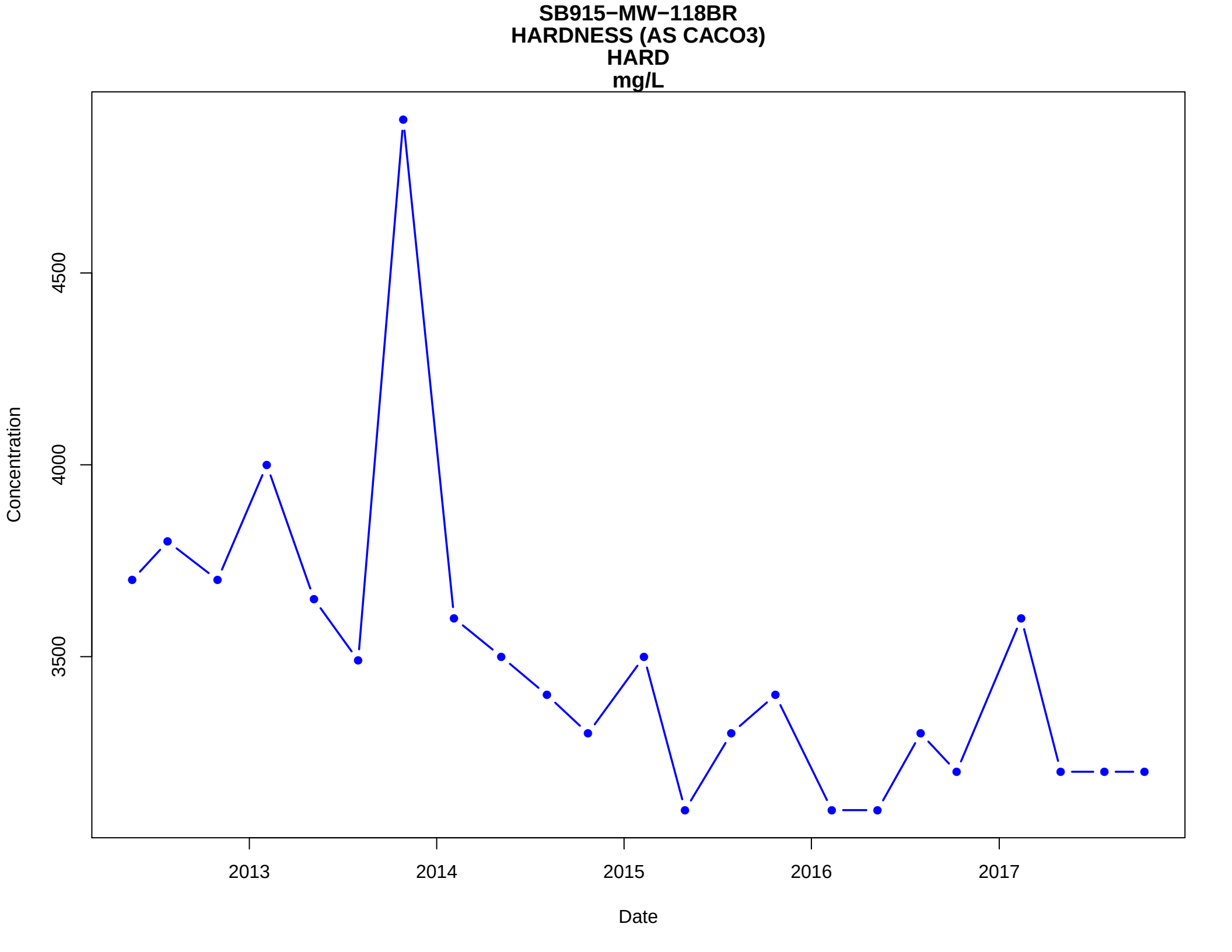

SB915−MW−118BR
Benzene
71−43−2
ug/l
Concentration
1.8
1.6
1.4
1.2
1.0
0.8
J
J
2013
2014
2015
2016
2017
Date

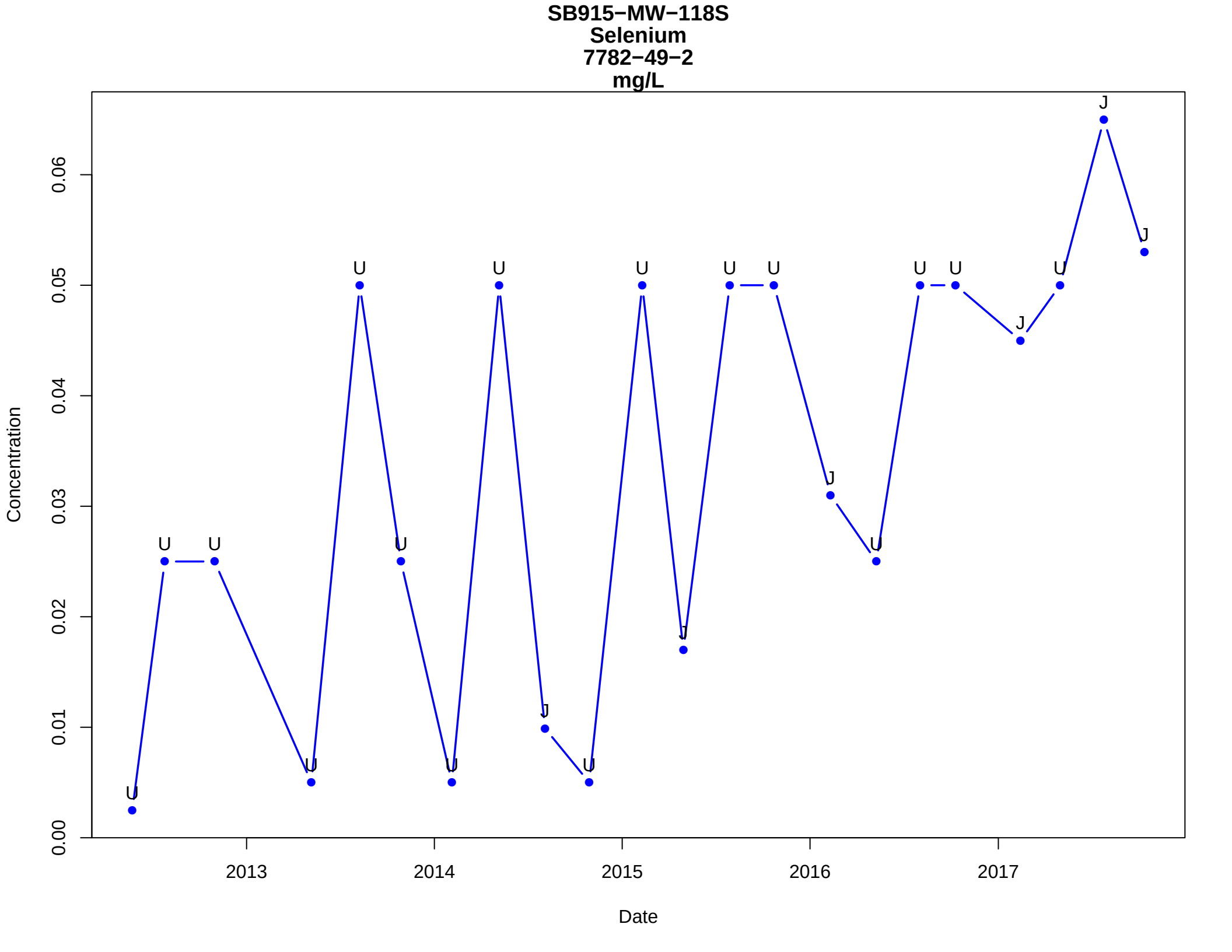

SB915−MW−118BR
Iron
7439−89−6
mg/L
Concentration
7.0
6.5
6.0
5.5
5.0
J
J
2013
2014
2015
2016
2017
Date

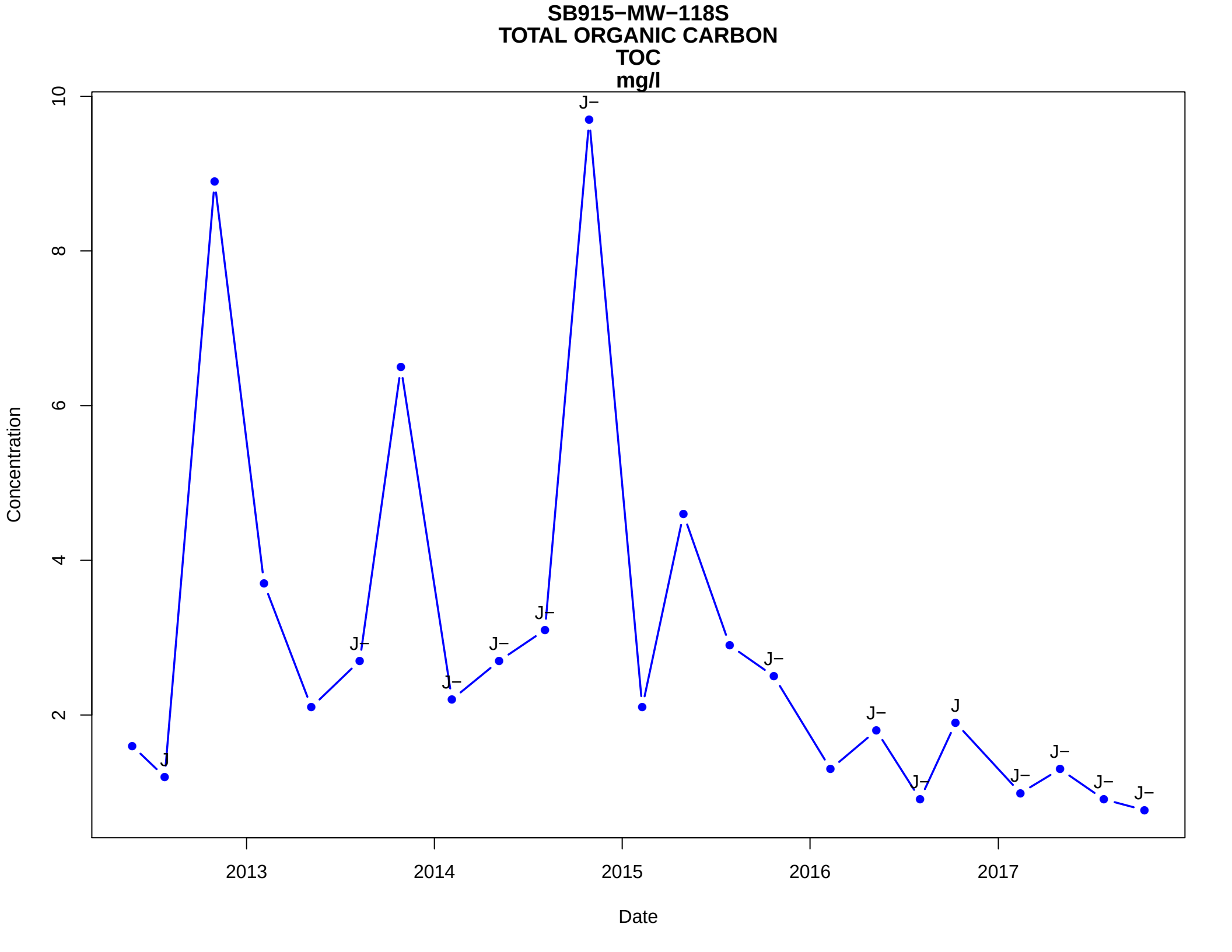

SB915−MW−118BR
Sodium
7440−23−5
mg/L
Concentration
1200
1150
1100
1050
1000
950
900
J
J
2013
2014
2015
2016
2017
Date

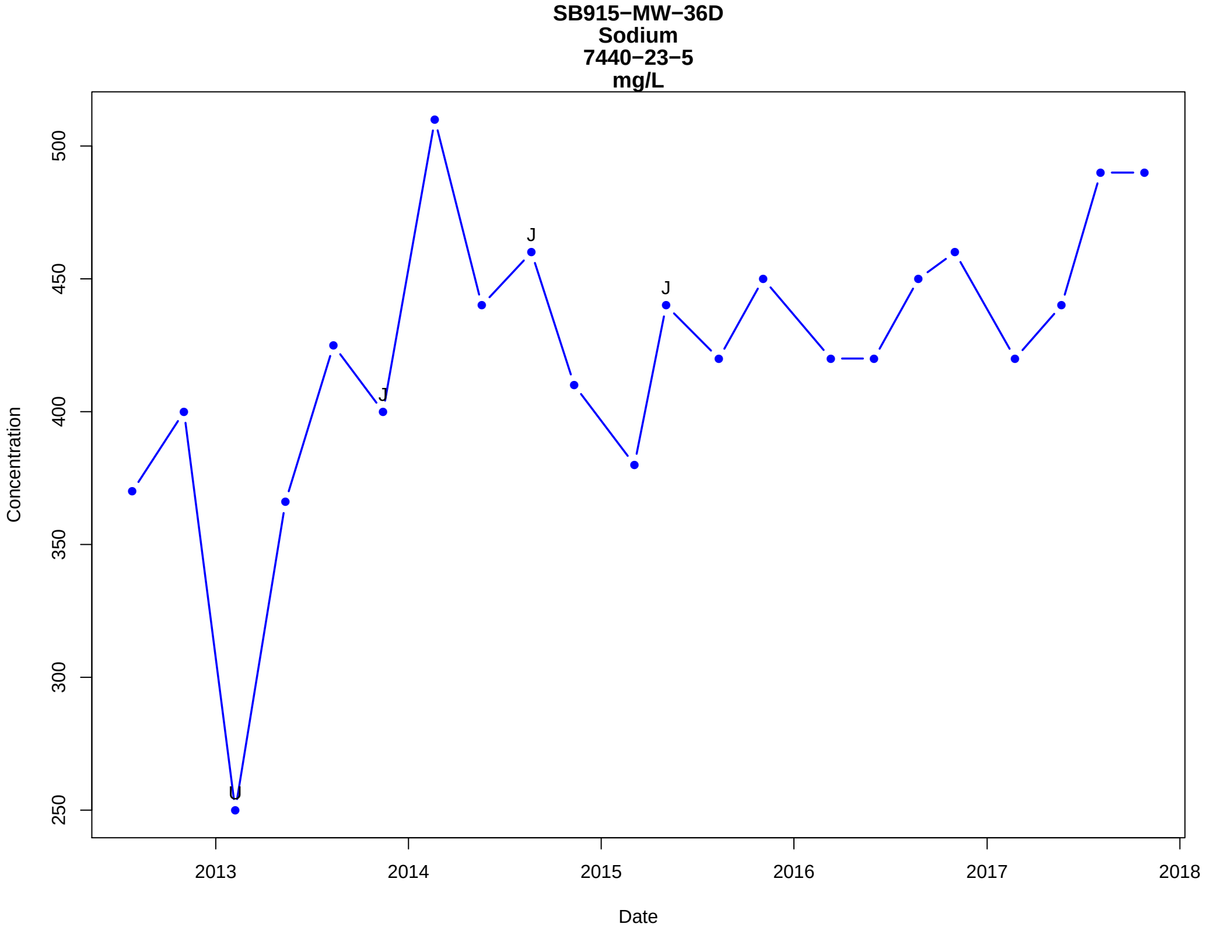

SB915−MW−118BR
Alkalinity
ALK
mg/l
Concentration
200
220
240
260
2013
2014
2015
2016
2017
Date

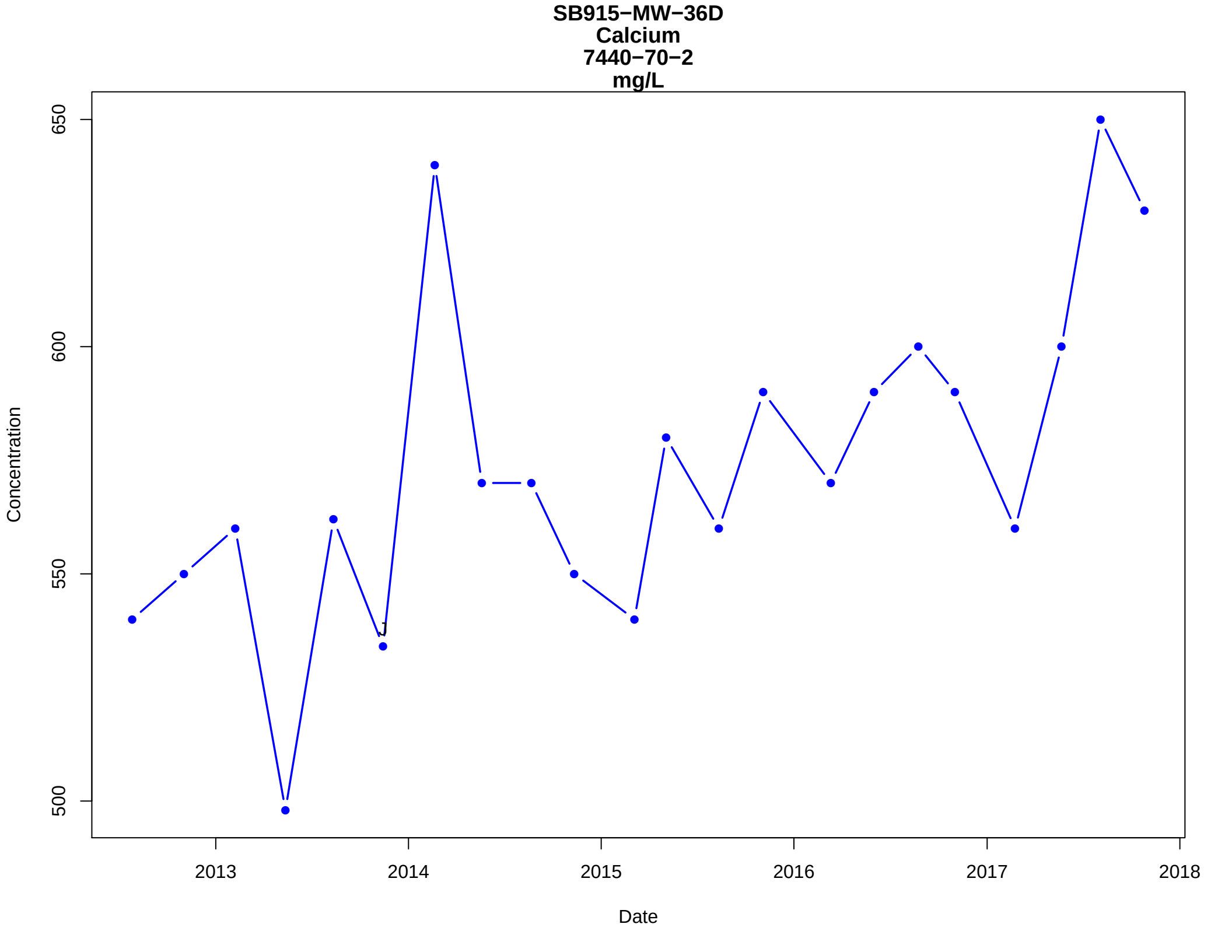

SB915−MW−118BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
200
220
240
260
2013
2014
2015
2016
2017
Date

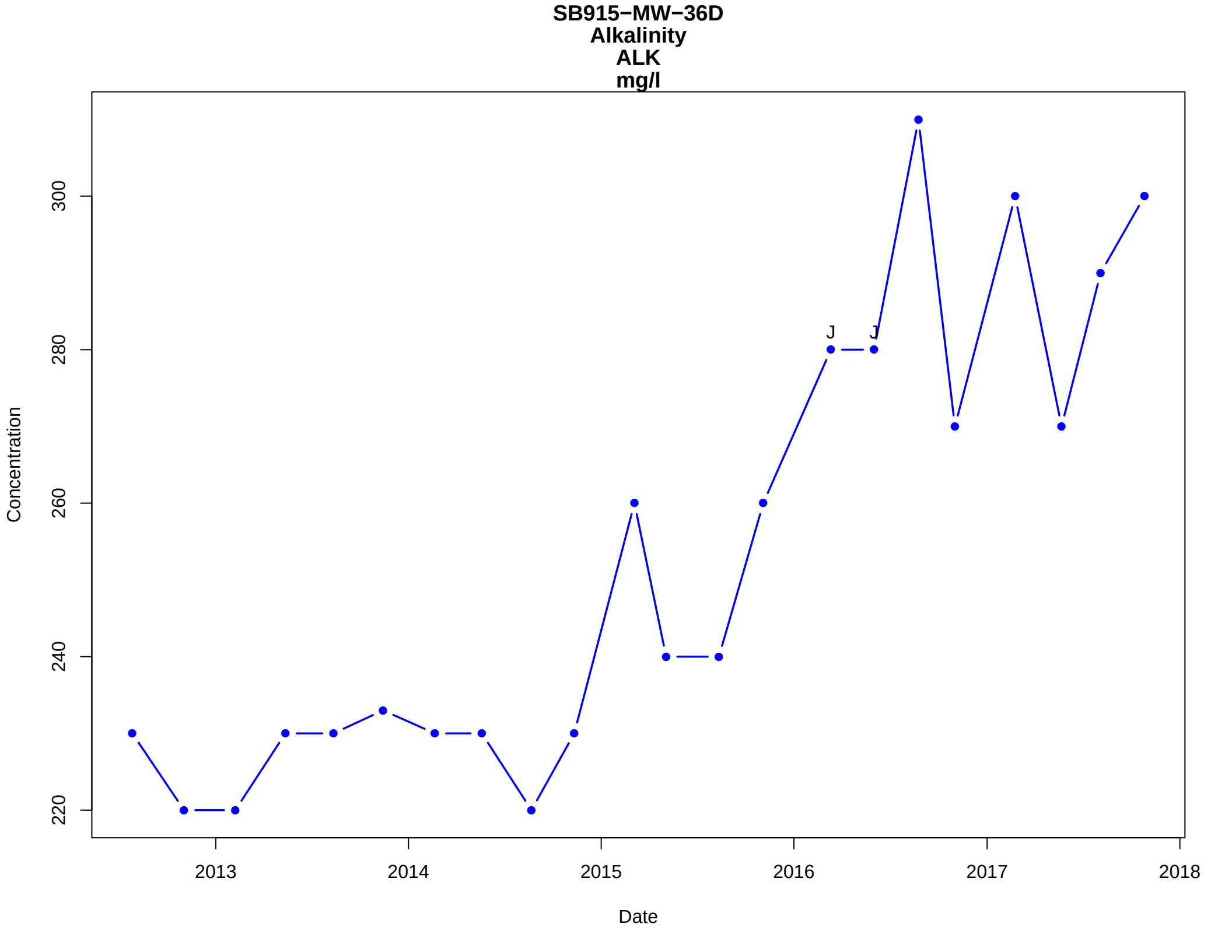

SB915−MW−118BR
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
4500
4000
3500
2013
2014
2015
2016
2017
Date

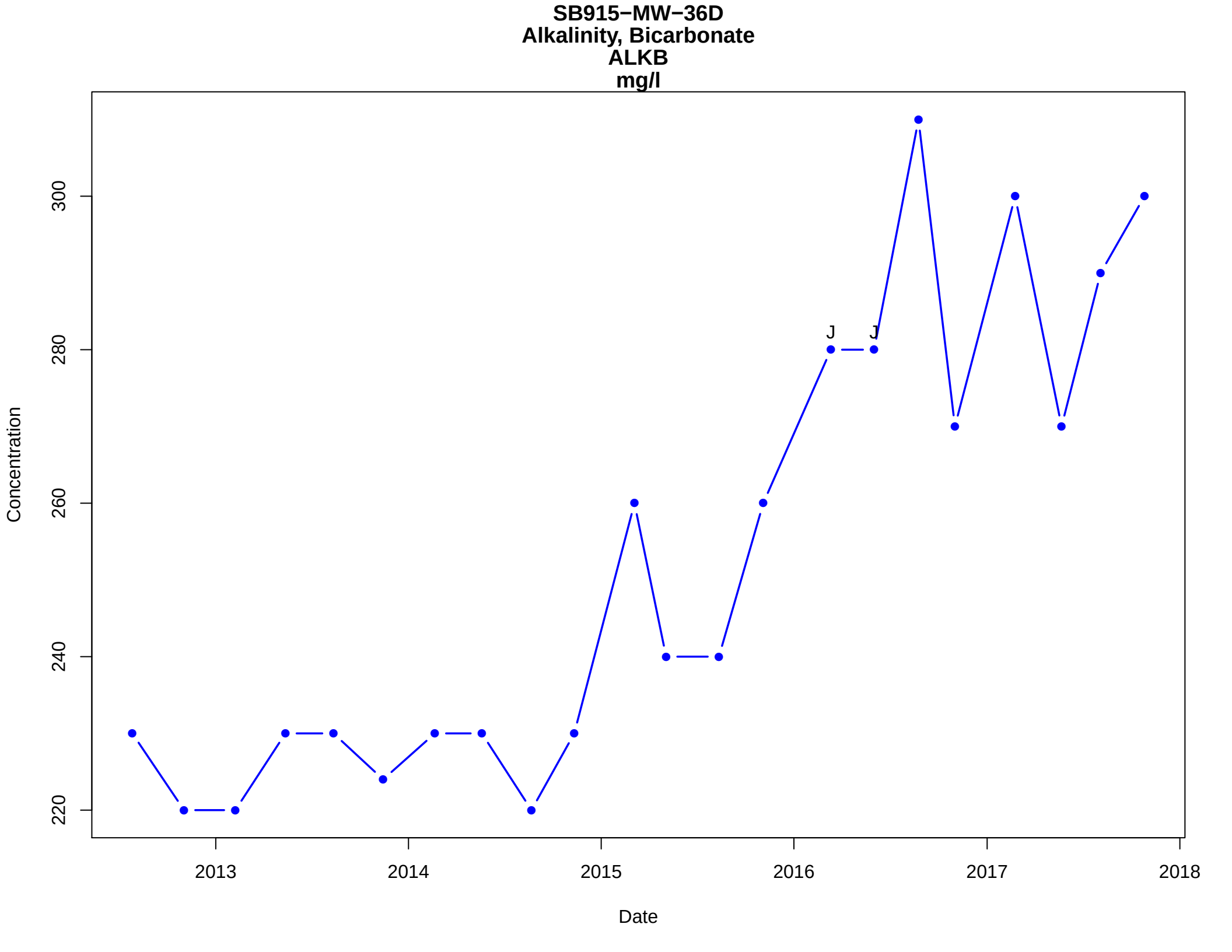

SB915−MW−118S
Selenium
7782−49−2
mg/L
Concentration
0.00
0.01
0.02
0.03
0.04
0.05
0.06
2013
2014
2015
2016
2017
Date
U
U
U
U
U
U
U
U
J
U
U
U
U
U
J
U
U
U
J
J
U
J
U
U
J

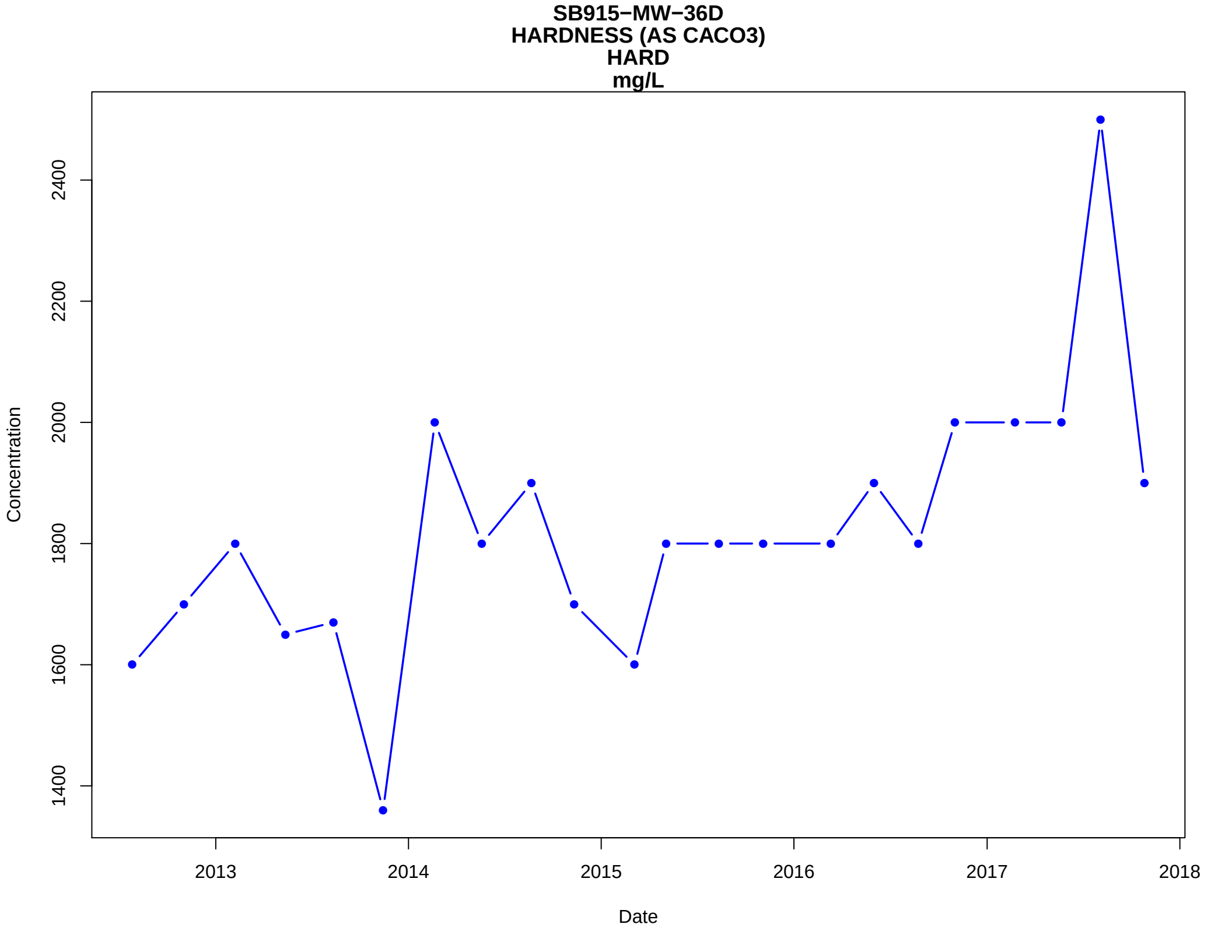

SB915−MW−118S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
10
8
6
4
2
J−
J
J−
J−
J−
J−
J−
J−
J
J−
J−
J−
J−
2013
2014
2015
2016
2017
Date

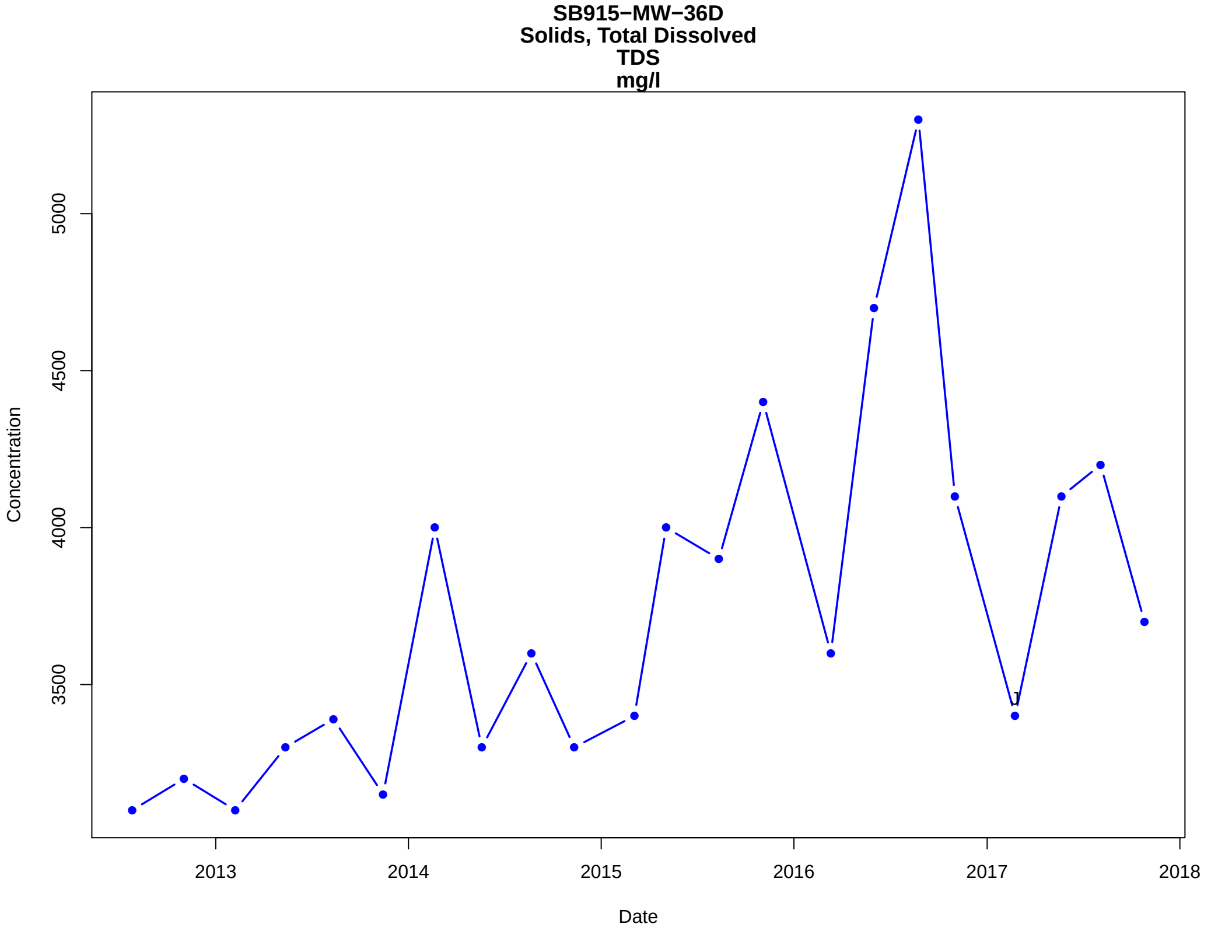

SB915−MW−36D
Sodium
7440−23−5
mg/L
Concentration
250
300
350
400
450
500
U
J
J
J
2013
2014
2015
2016
2017
2018
Date

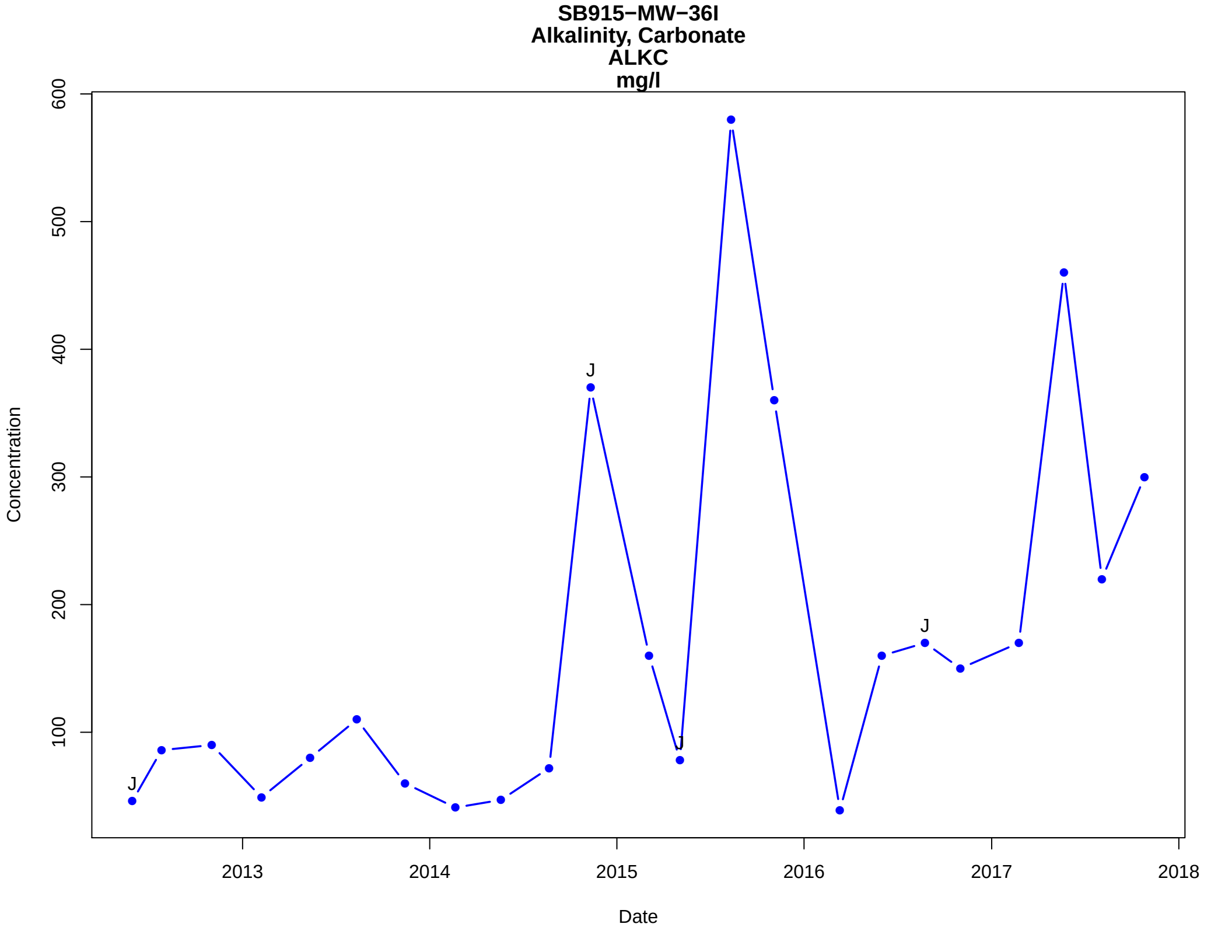

SB915−MW−36D
Calcium
7440−70−2
mg/L
Concentration
650
600
550
500
2013
2014
2015
2016
2017
2018
Date

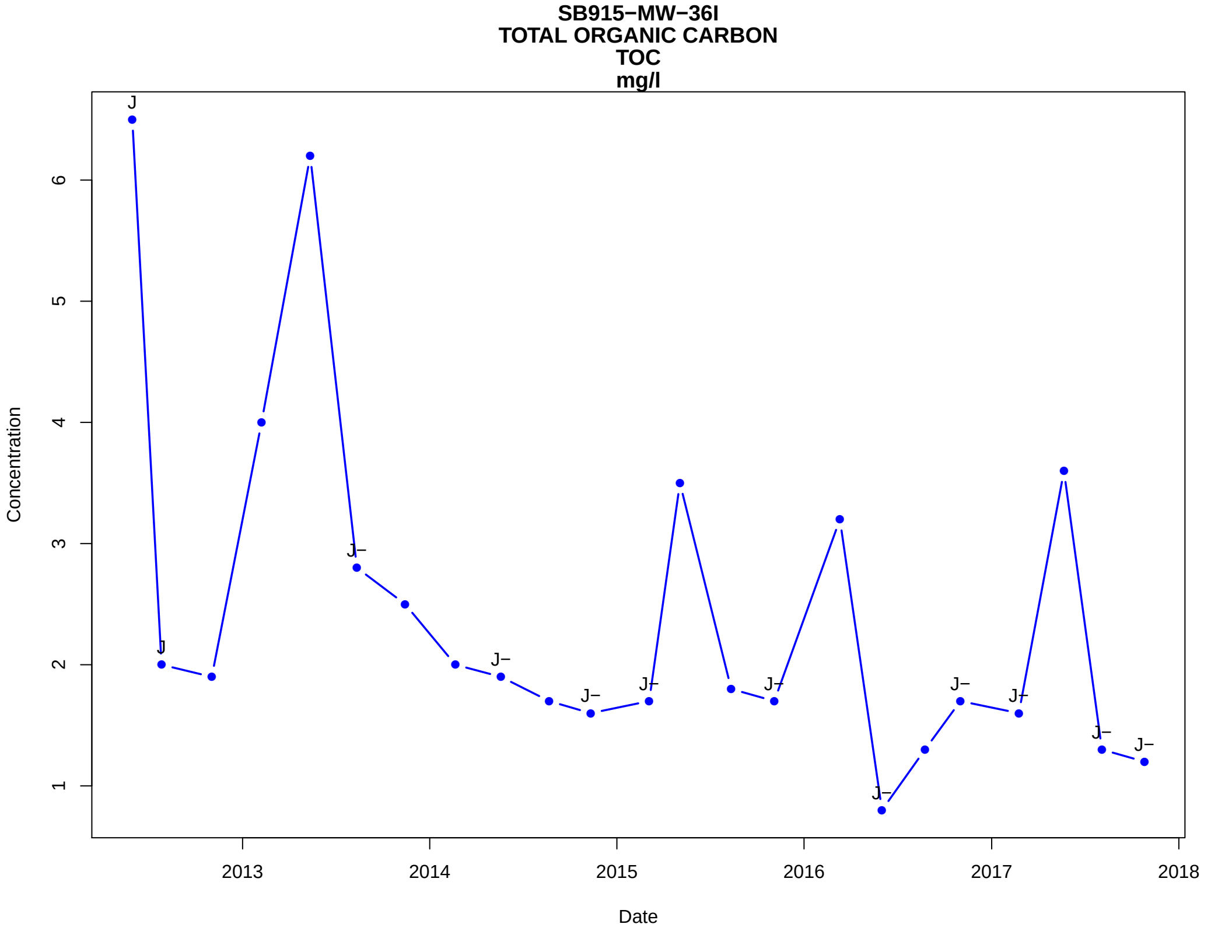

SB915−MW−36D
Alkalinity
ALK
mg/l
Concentration
220
240
260
280
300
J
J
2013
2014
2015
2016
2017
2018
Date

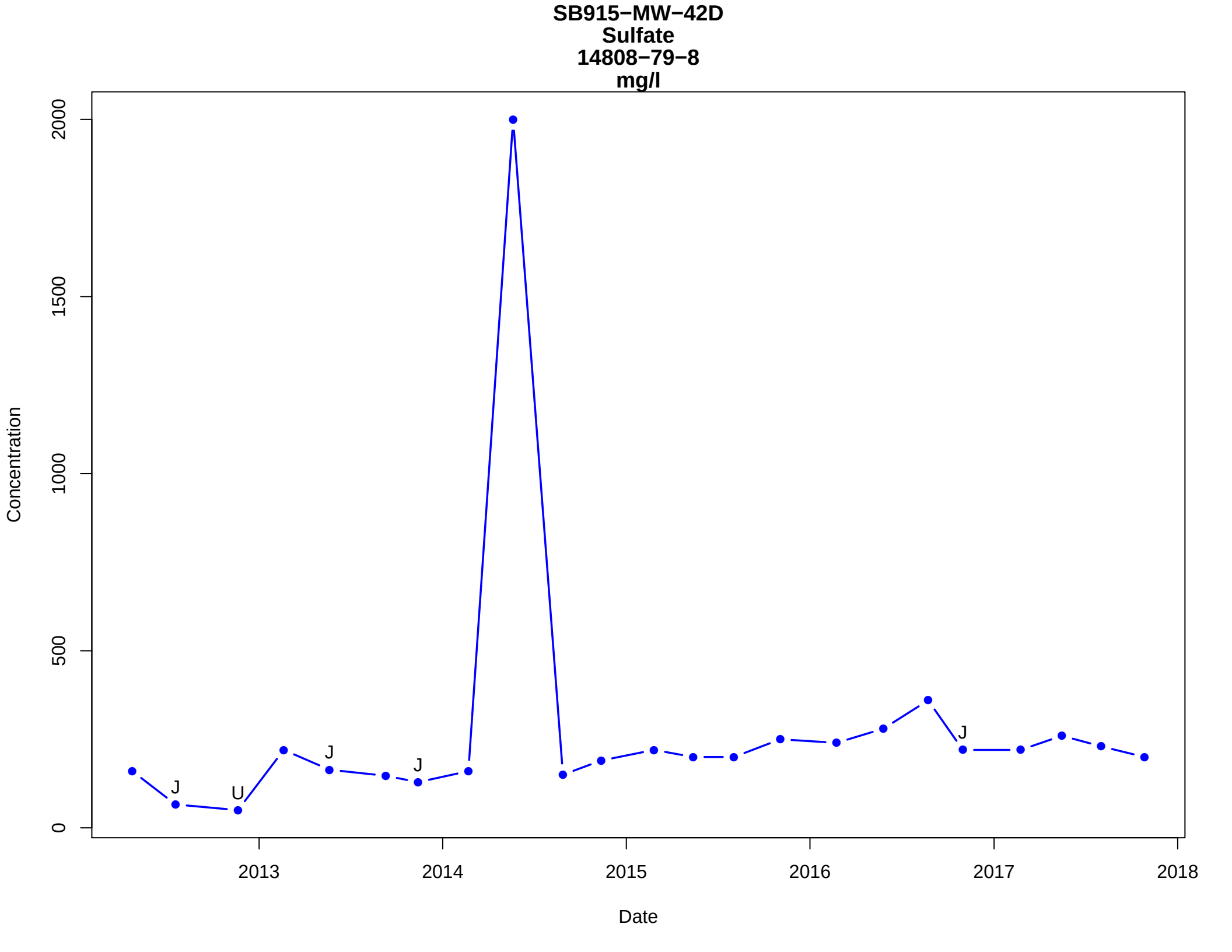

SB915−MW−36D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
220
240
260
280
300
J
J
2013
2014
2015
2016
2017
2018
Date

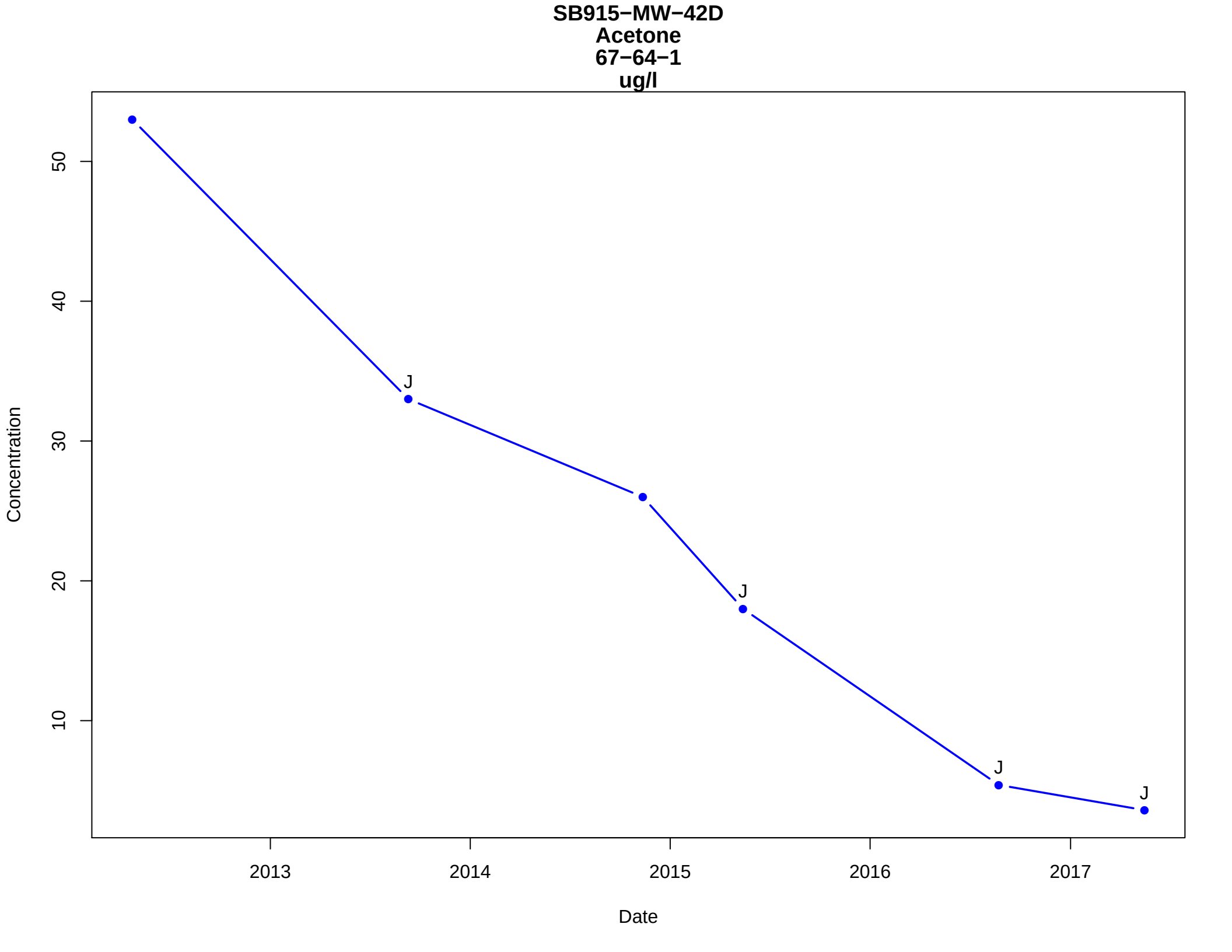

SB915−MW−36D
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
1400
1600
1800
2000
2200
2400
2013
2014
2015
2016
2017
2018
Date

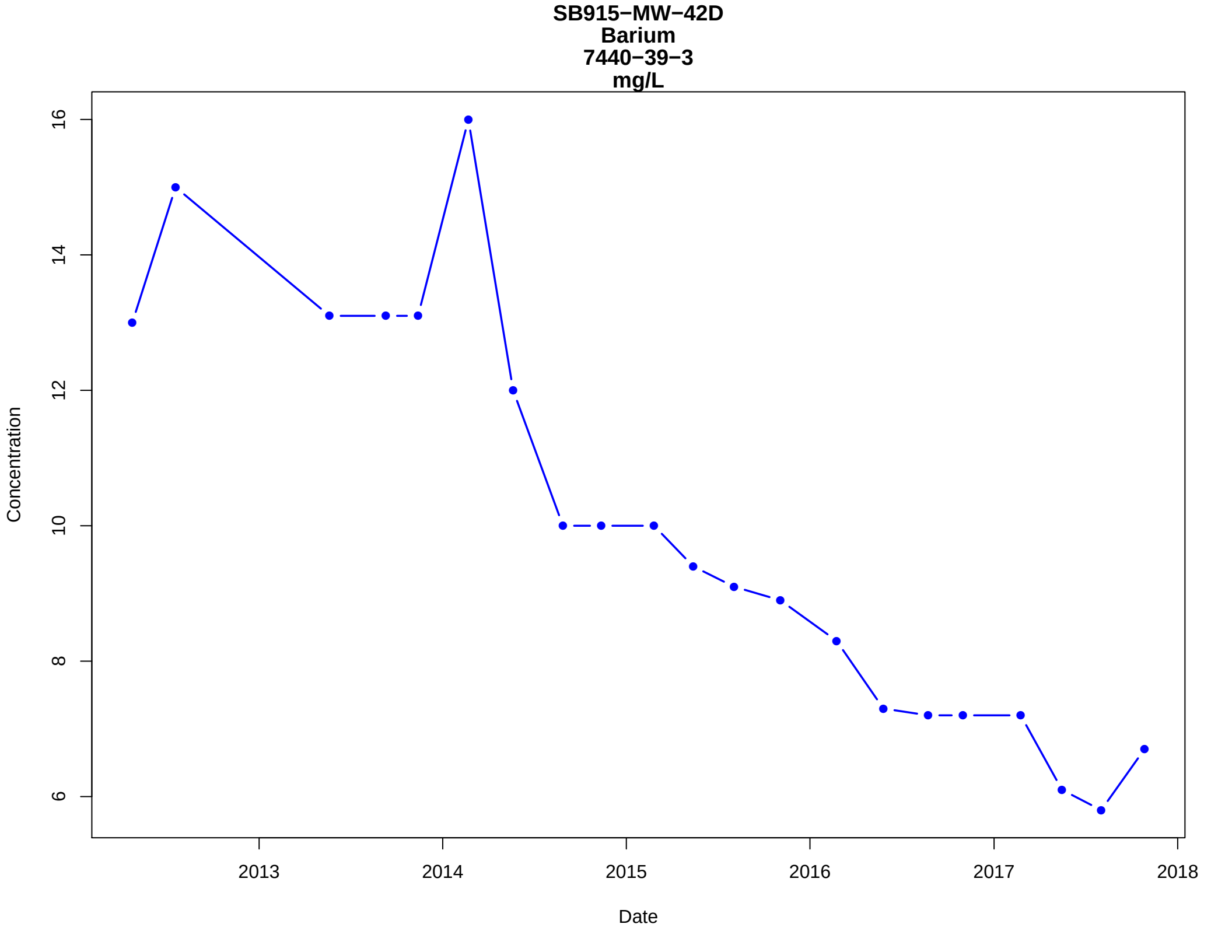

SB915−MW−36D
Solids, Total Dissolved
TDS
mg/l
Concentration
5000
4500
4000
3500
2013
2014
2015
2016
2017
2018
Date

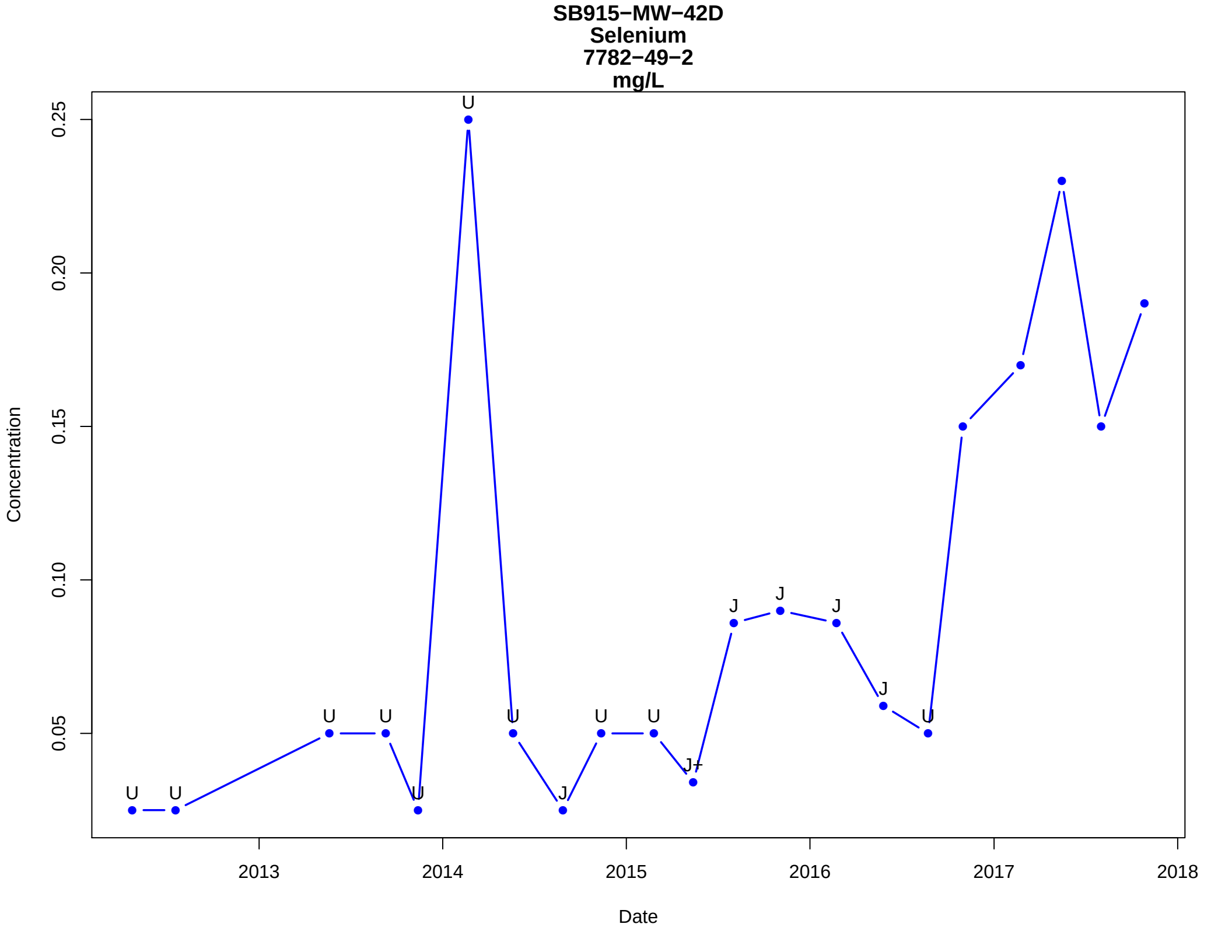

SB915−MW−36I
Alkalinity, Carbonate
ALKC
mg/l
Concentration
100
200
300
400
500
600
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

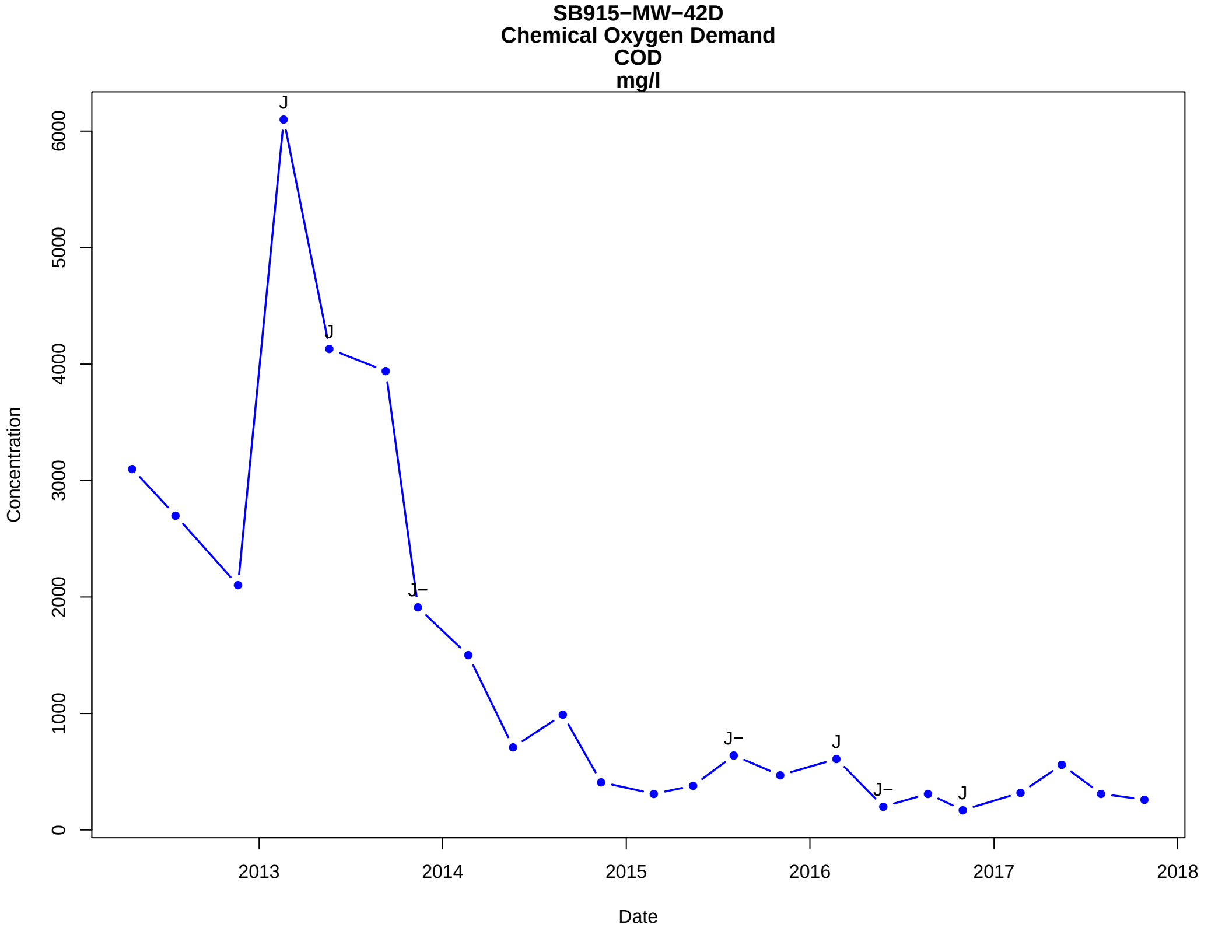

SB915−MW−36I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1
2
3
4
5
6
2013
2014
2015
2016
2017
2018
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−

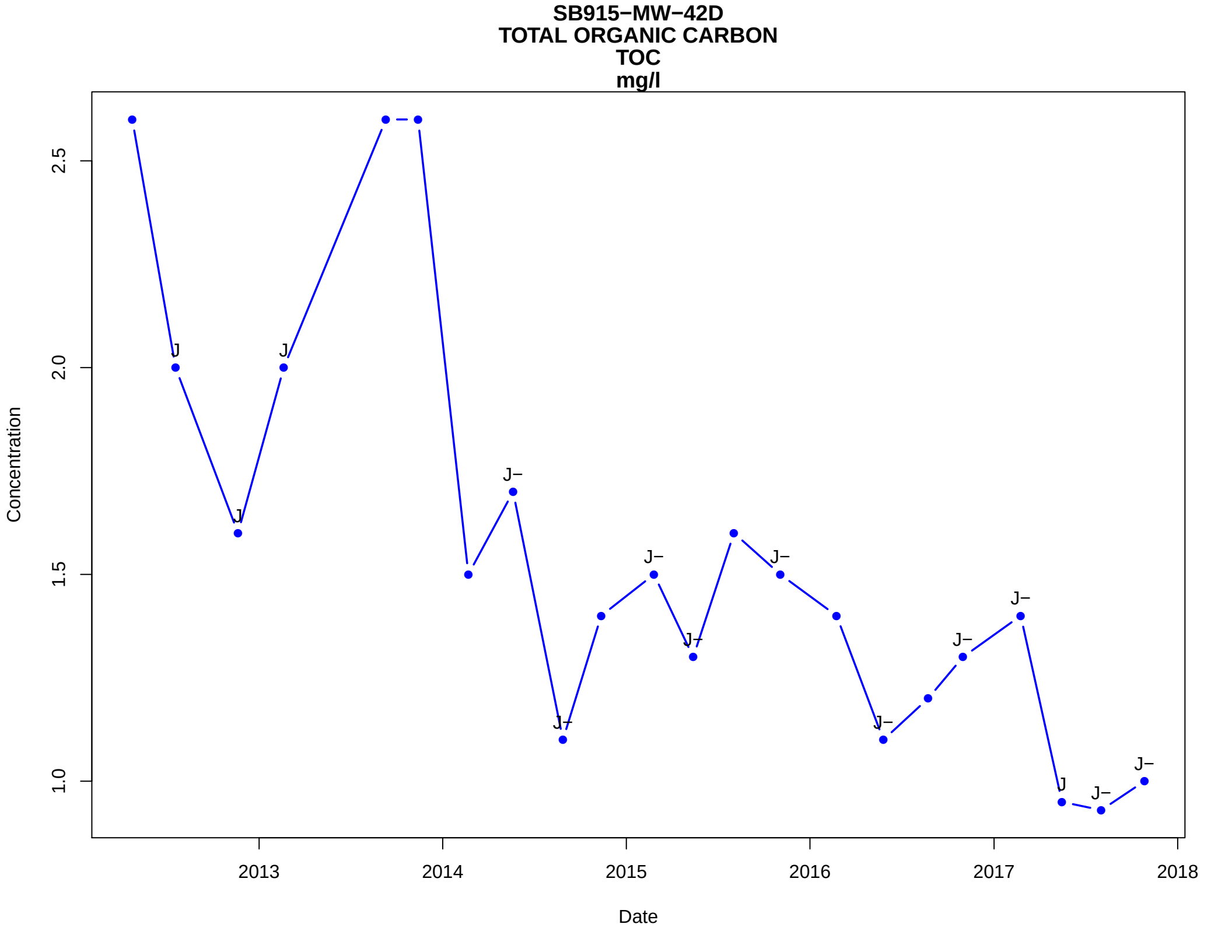

SB915−MW−42D
Sulfate
14808−79−8
mg/l
Concentration
0
500
1000
1500
2000
J
U
J
J
J
2013
2014
2015
2016
2017
2018
Date

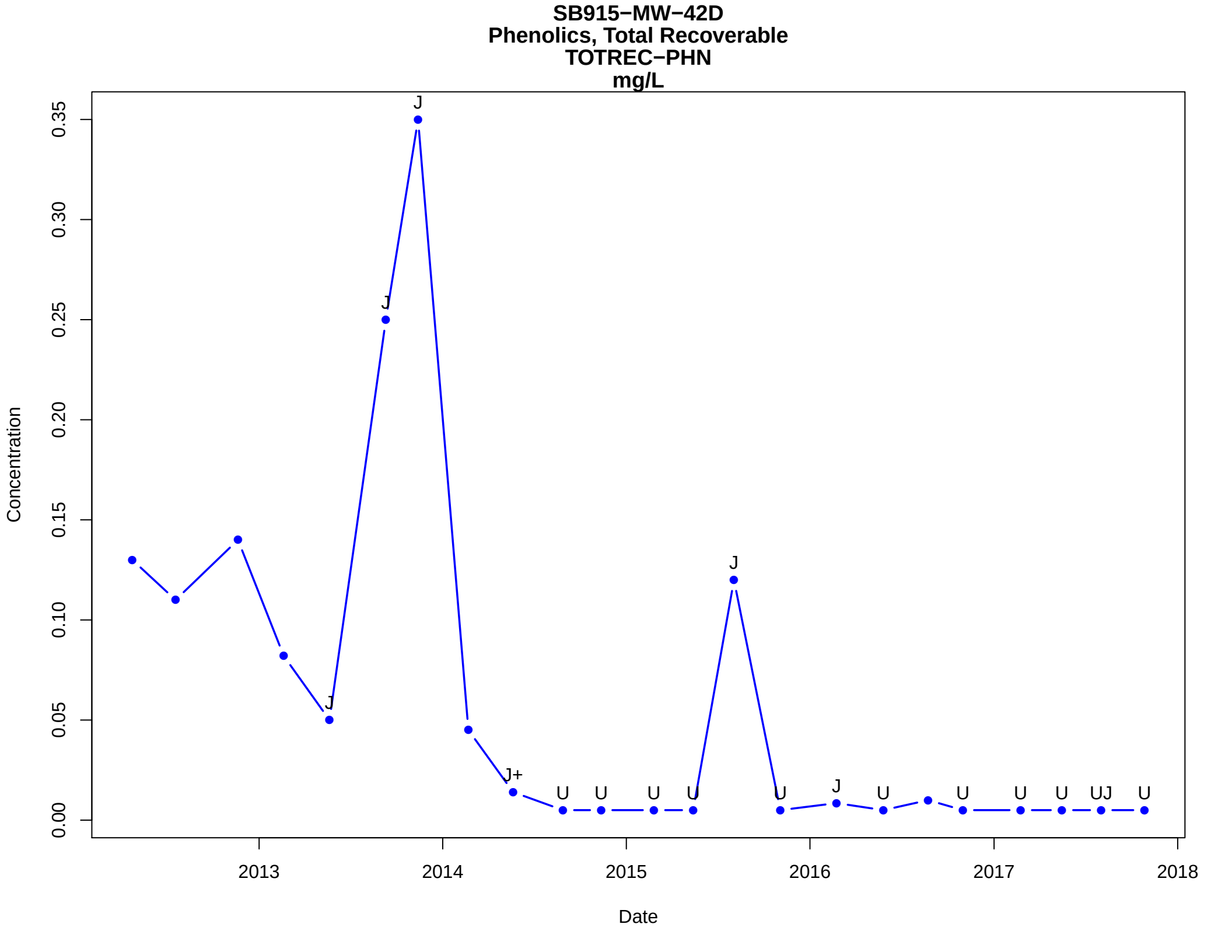

SB915−MW−42D
Acetone
67−64−1
ug/l
Concentration
50
40
30
20
10
J
J
J
J
2013
2014
2015
2016
2017
Date

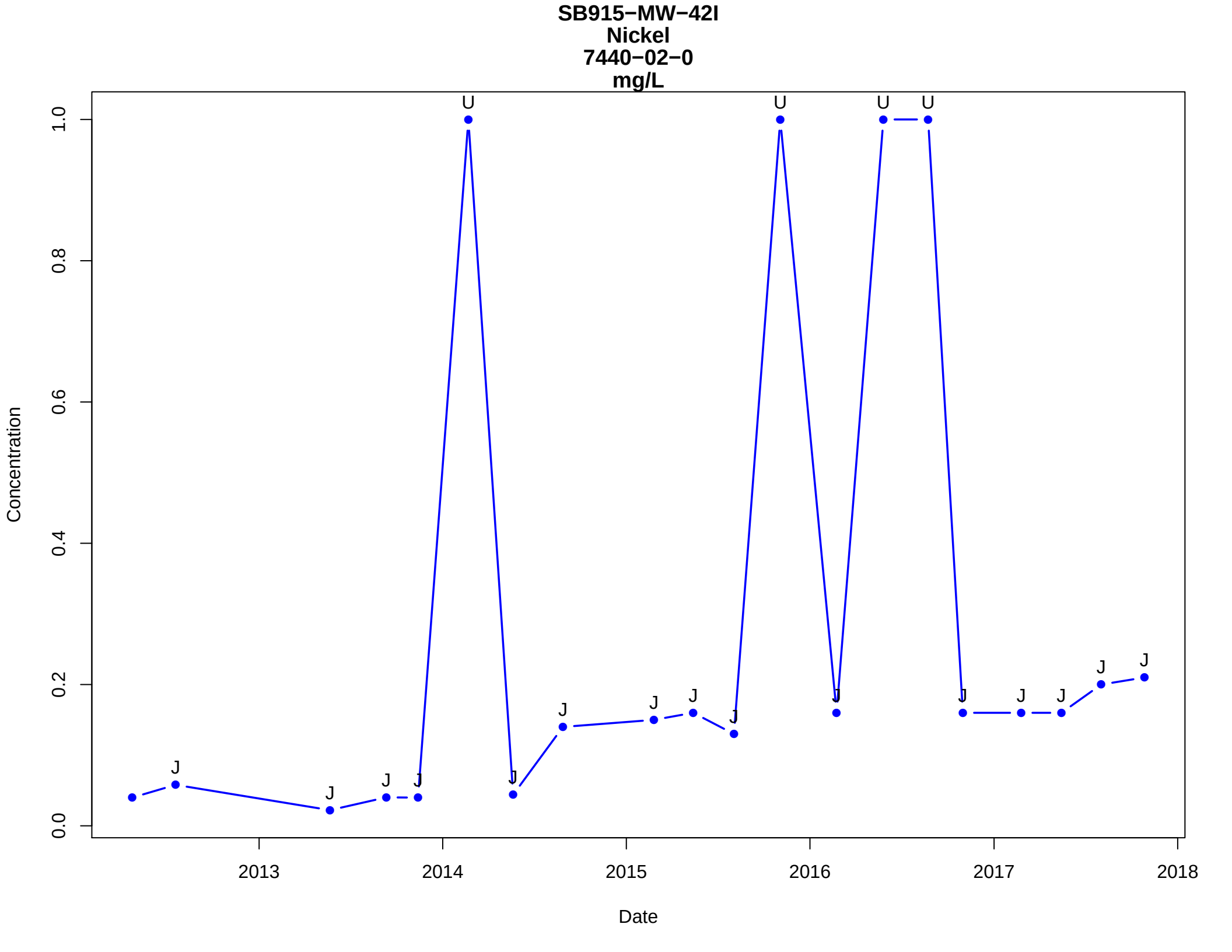

SB915−MW−42D
Barium
7440−39−3
mg/L
Concentration
16
14
12
10
8
6
2013
2014
2015
2016
2017
2018
Date

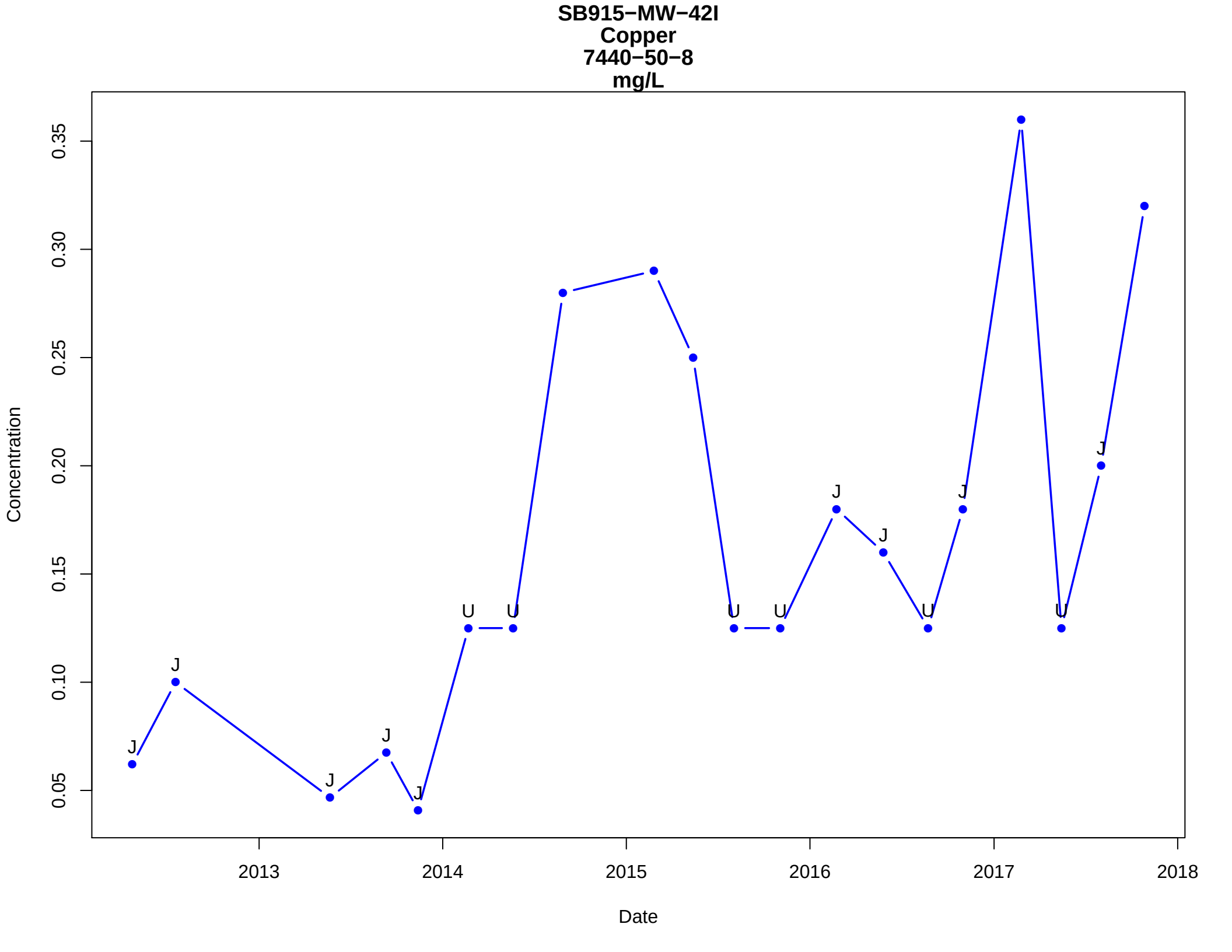

SB915−MW−42D
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
U
U
U
U
U
U
U
J
U
U
J+
J
J
J
J
U
2013
2014
2015
2016
2017
2018
Date

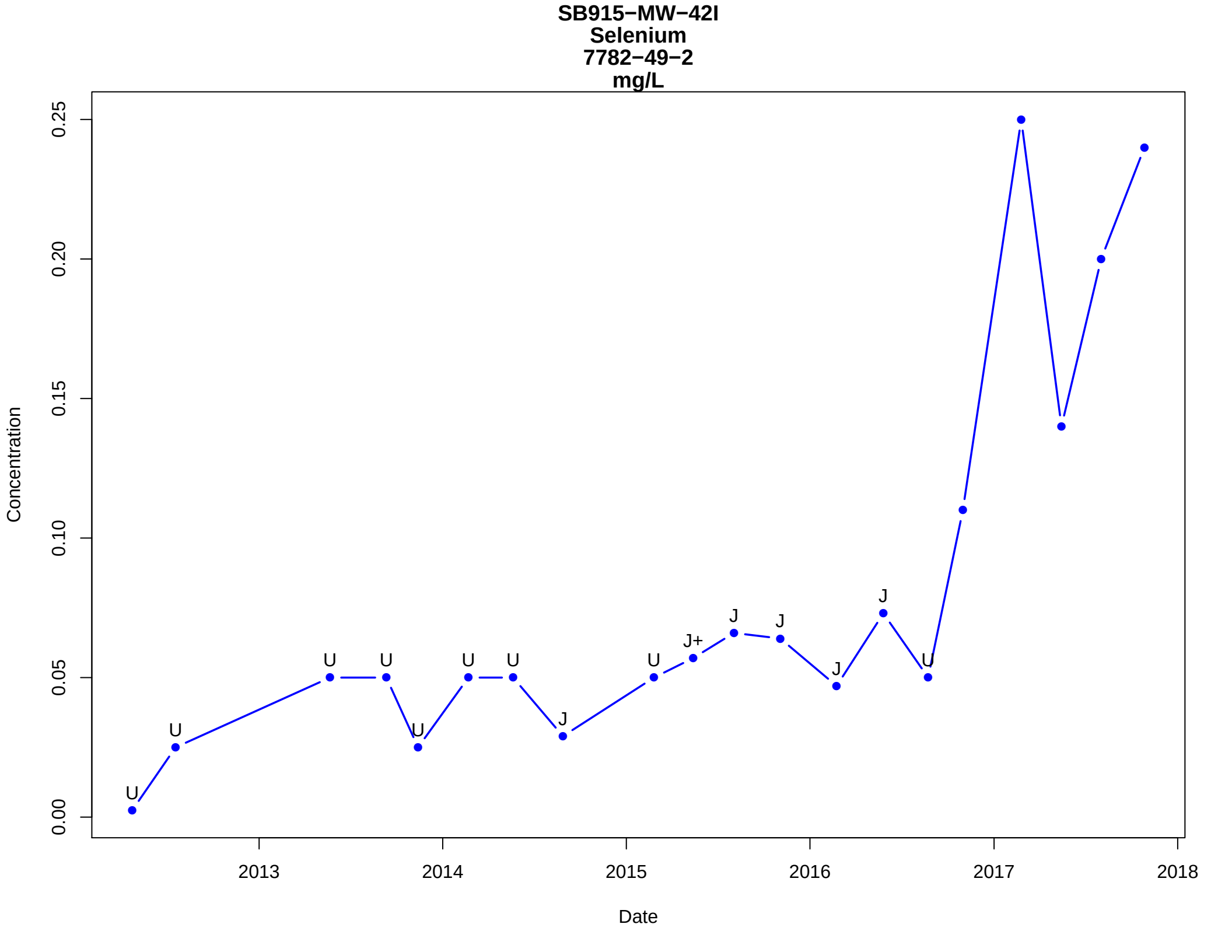

SB915−MW−42D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
6000
J
J
J−
J−
J
J−
J
2013
2014
2015
2016
2017
2018
Date

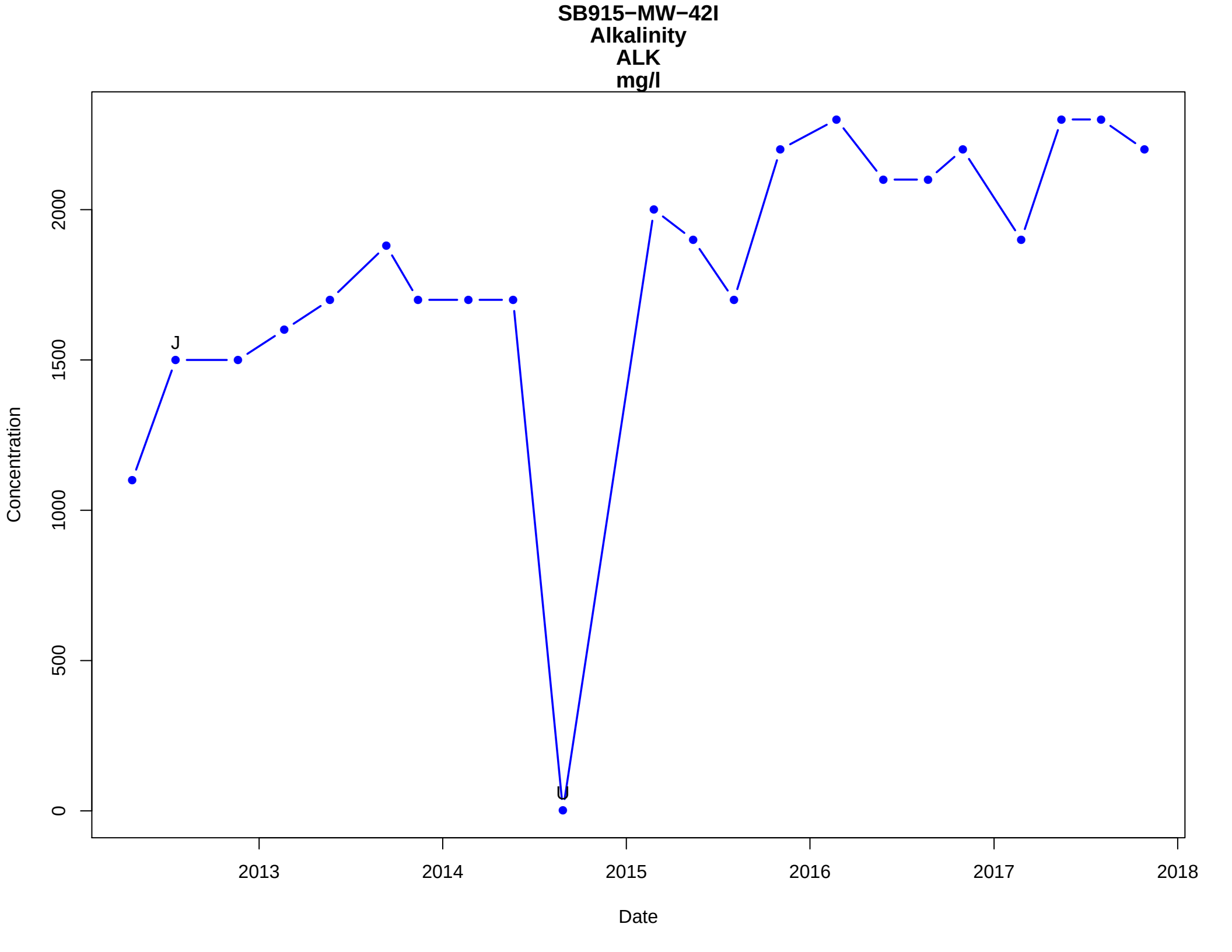

SB915−MW−42D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1.0
1.5
2.0
2.5
2013
2014
2015
2016
2017
2018
J
J
J
J−
J−
J−
J−
J−
J−
J−
J
J−
J−

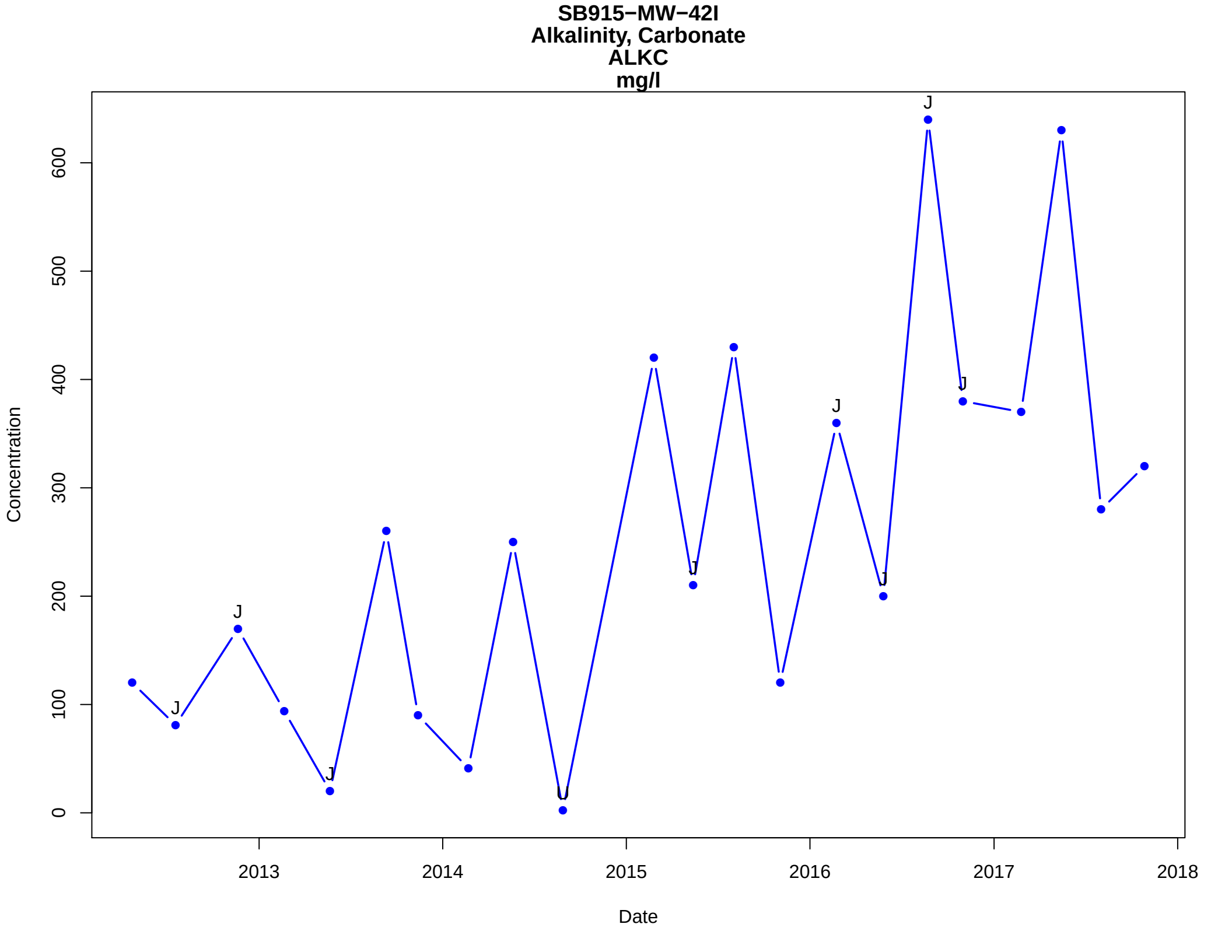

SB915−MW−42D
Phenolics, Total Recoverable
TOTREC−PHN
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
J
J
J
J+
J
U
U
U
U
U
J
U
U
U
U
UJ
U
2013
2014
2015
2016
2017
2018
Date

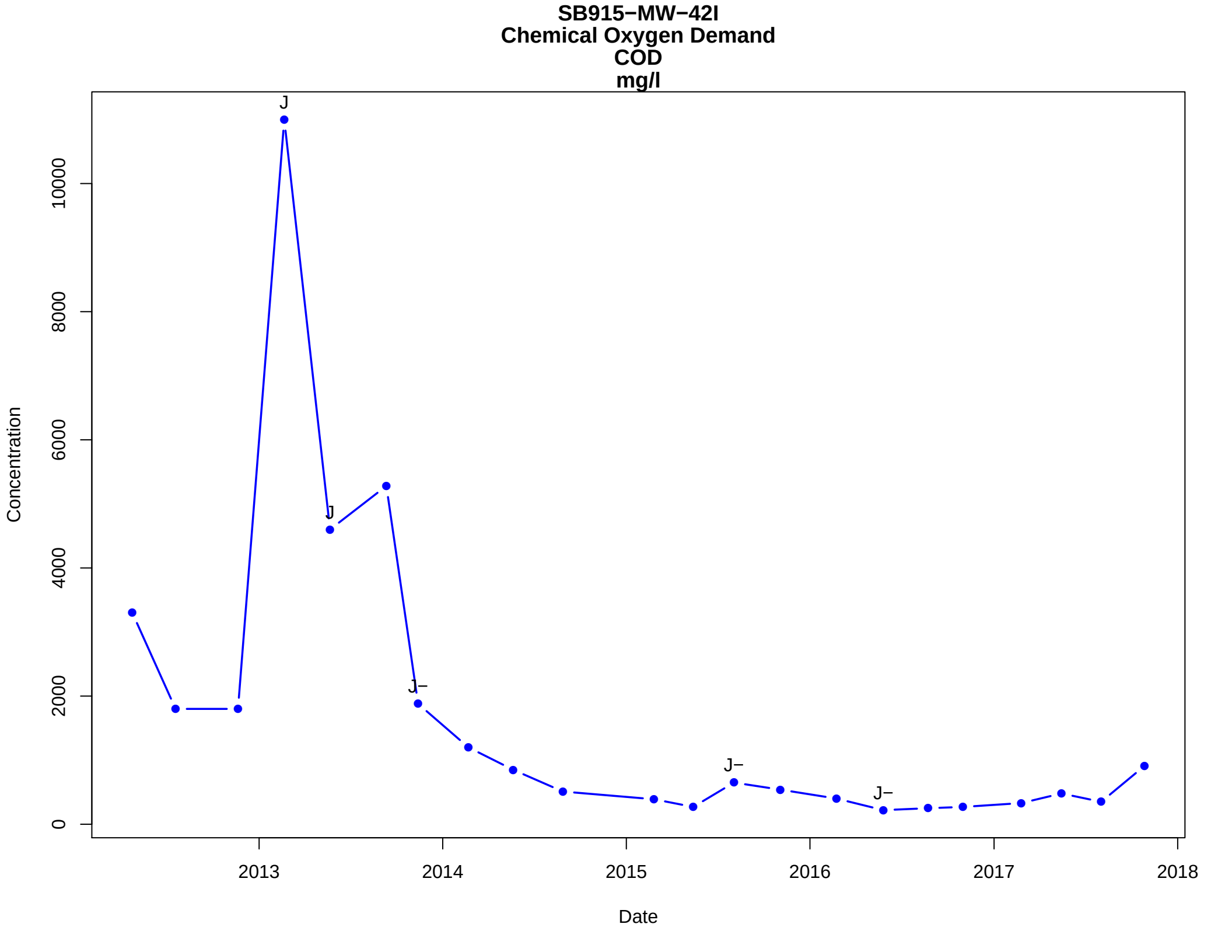

SB915−MW−42I
Nickel
7440−02−0
mg/L
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
J
J
J
J
J
J
J
J
J
J
J
J
J
J

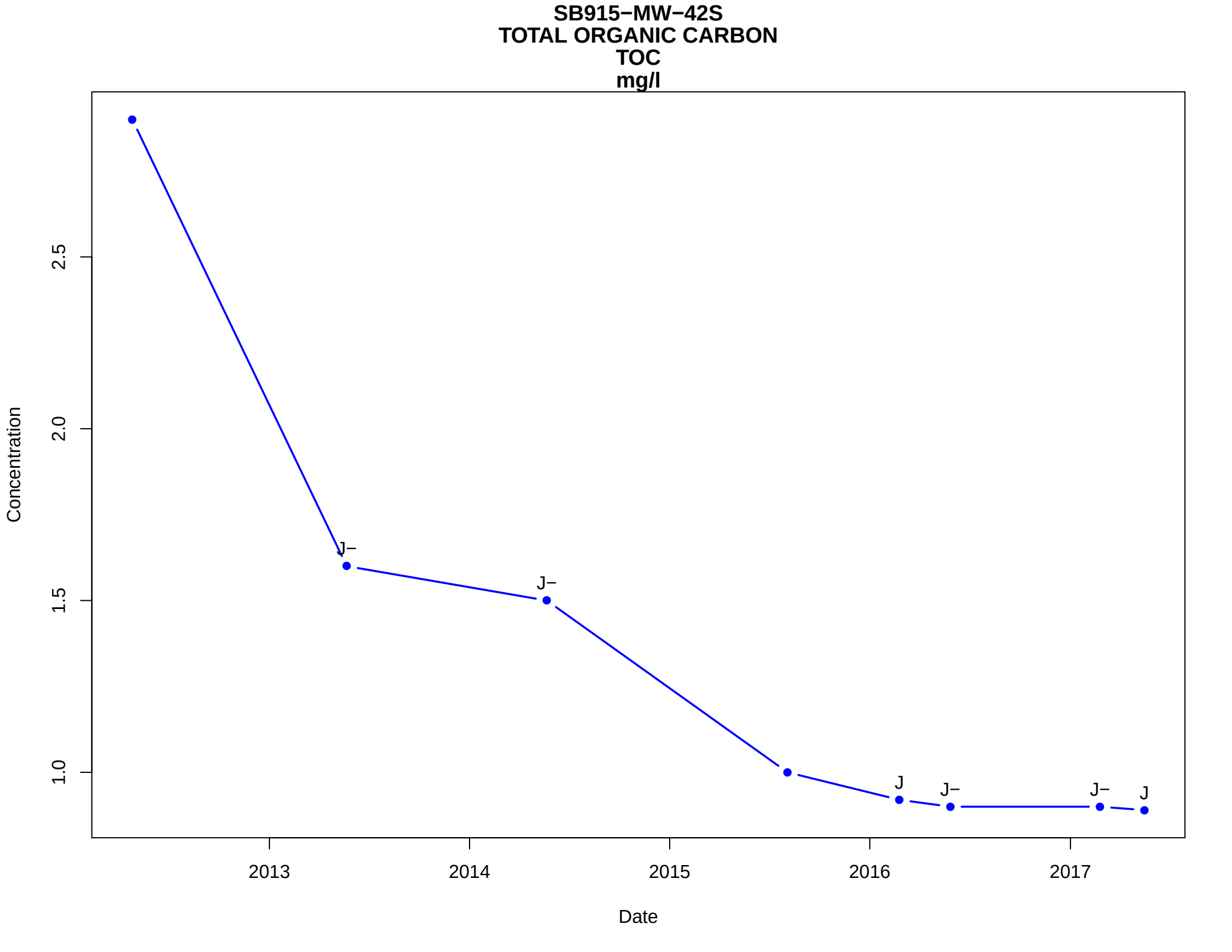

SB915−MW−42I
Copper
7440−50−8
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
0.30
0.35
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
U
U
J
J
U
U
J
J
U
J
J
U
J

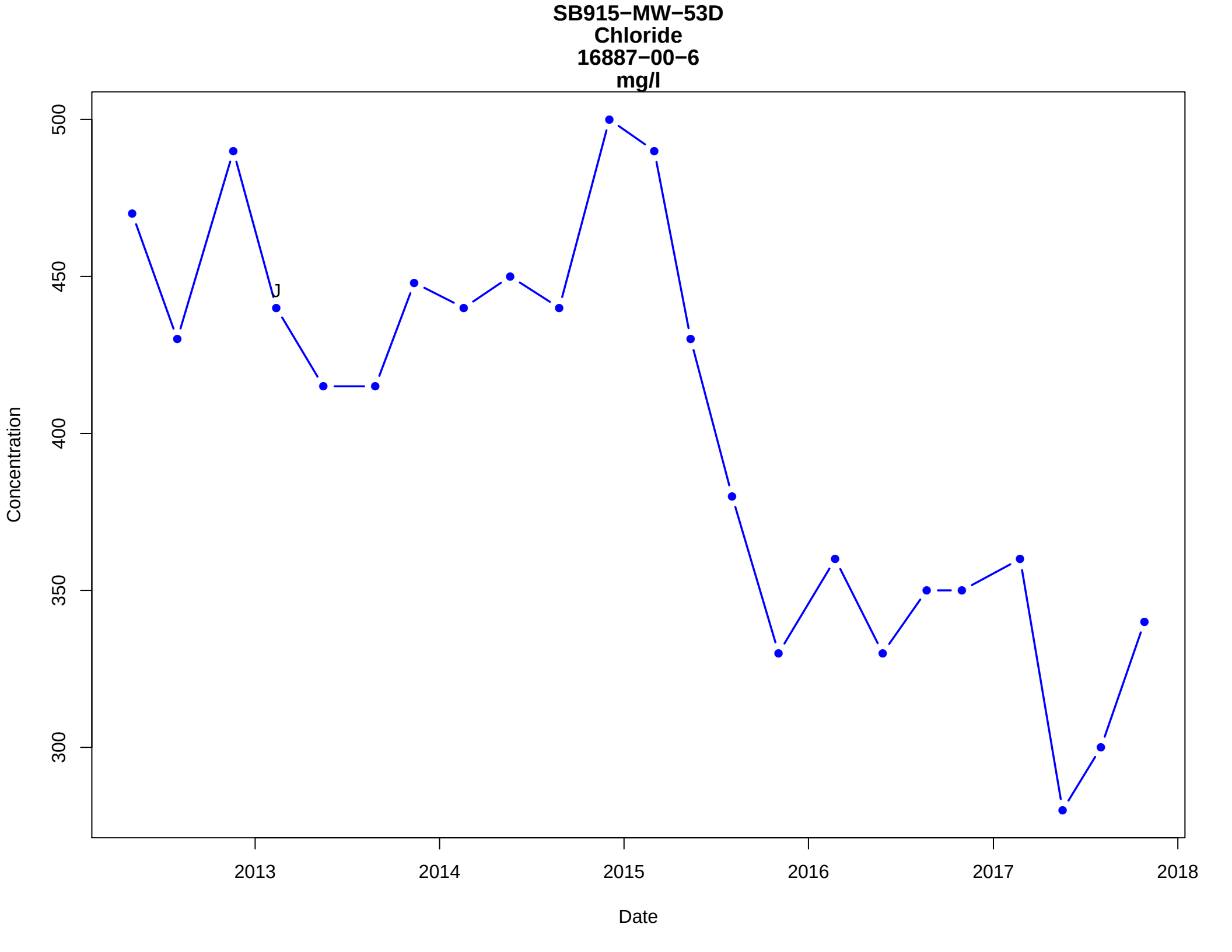

SB915−MW−42I
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
U
U
U
U
U
U
J
U
J+
J
J
U
J
U
2013
2014
2015
2016
2017
2018
Date

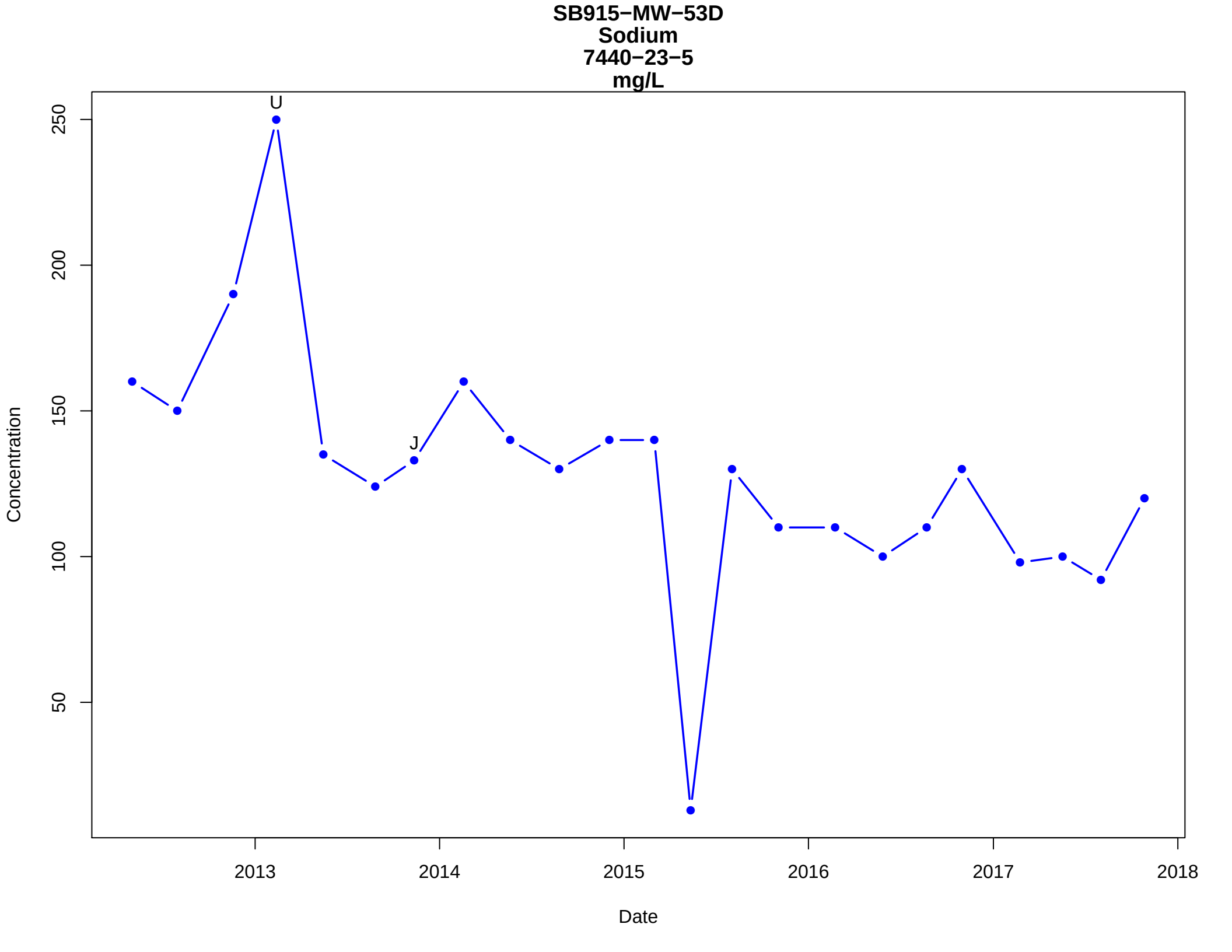

SB915−MW−42I
Alkalinity
ALK
mg/l
Concentration
0
500
1000
1500
2000
J
U
2013
2014
2015
2016
2017
2018
Date

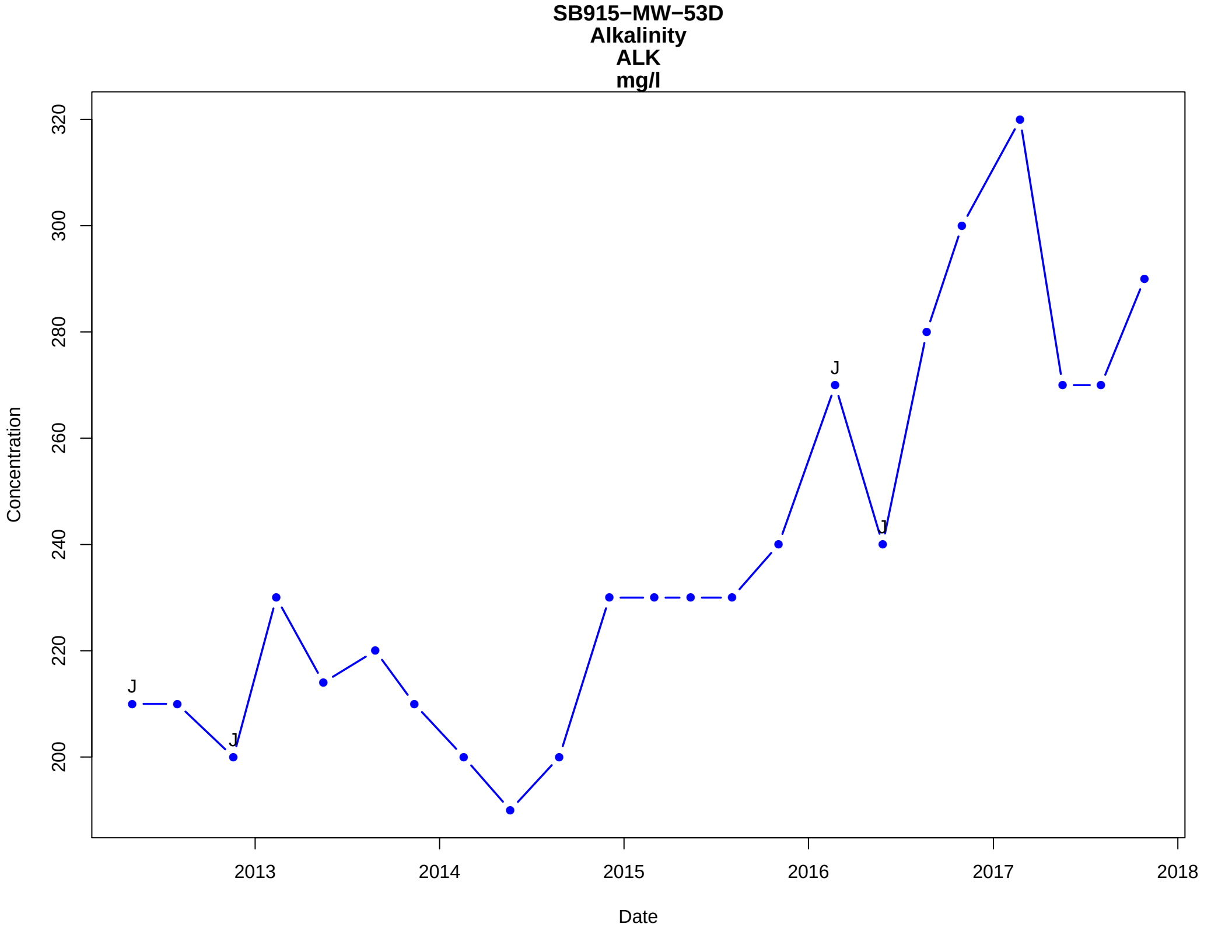

SB915−MW−42I
Alkalinity, Carbonate
ALKC
mg/l
Concentration
0
100
200
300
400
500
600
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
U
J
J
J
J
J

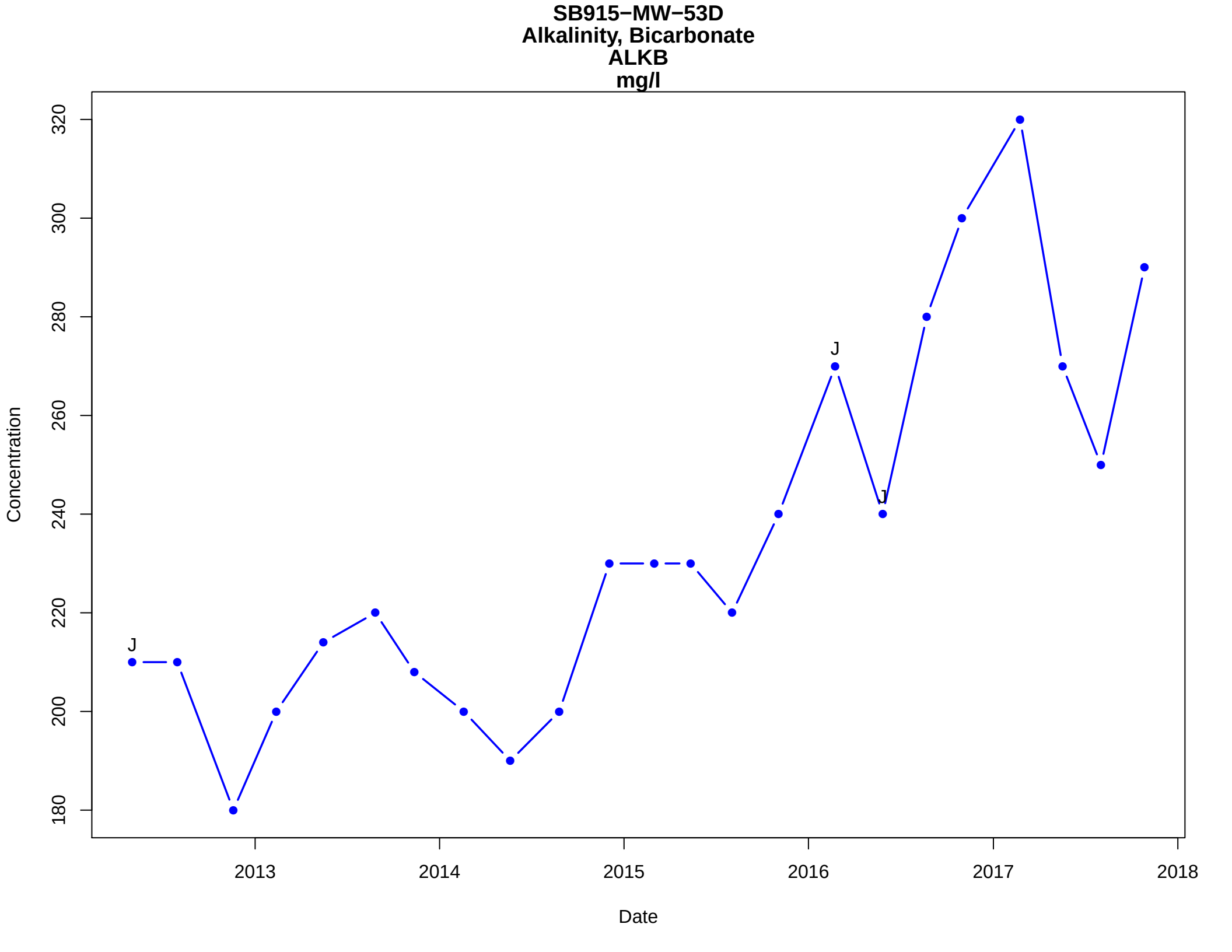

SB915−MW−42I
Chemical Oxygen Demand
COD
mg/l
Concentration
0
2000
4000
6000
8000
10000
J
J
J−
J−
J−
2013
2014
2015
2016
2017
2018
Date

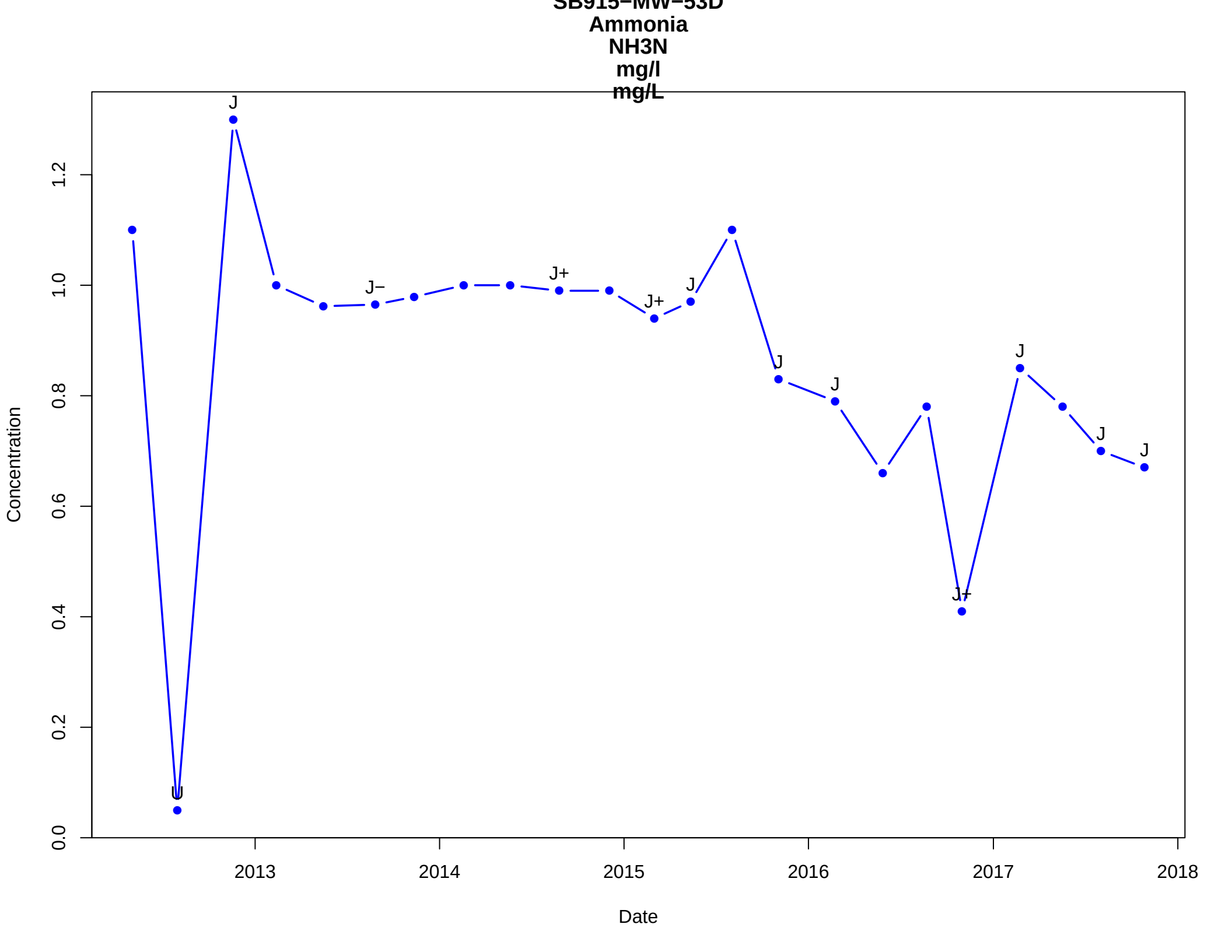

SB915−MW−42S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
2.5
2.0
1.5
1.0
J−
J−
J
J−
J
2013
2014
2015
2016
2017
Date

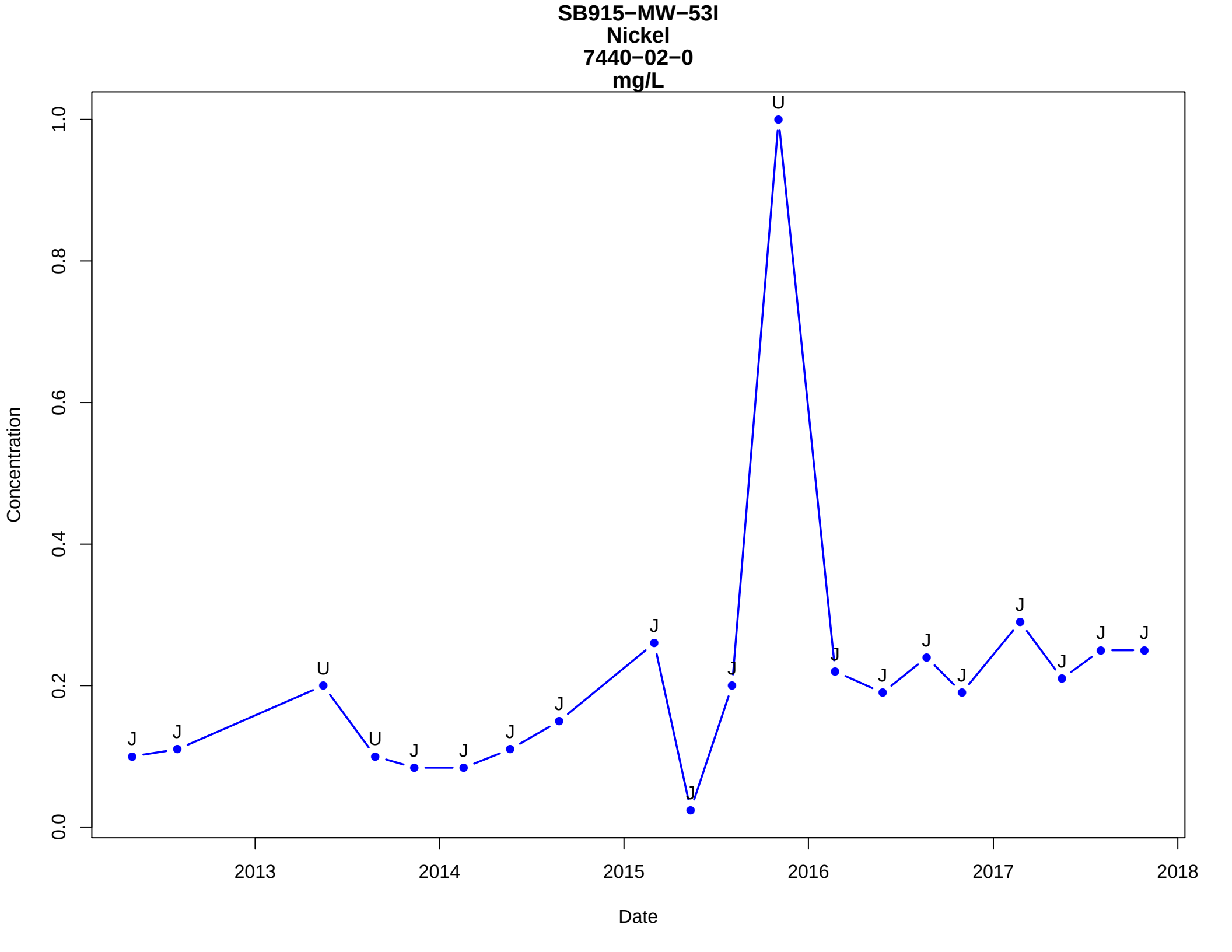

SB915−MW−53D
Chloride
16887−00−6
mg/l
J
Concentration
500
450
400
350
300
2013
2014
2015
2016
2017
2018
Date

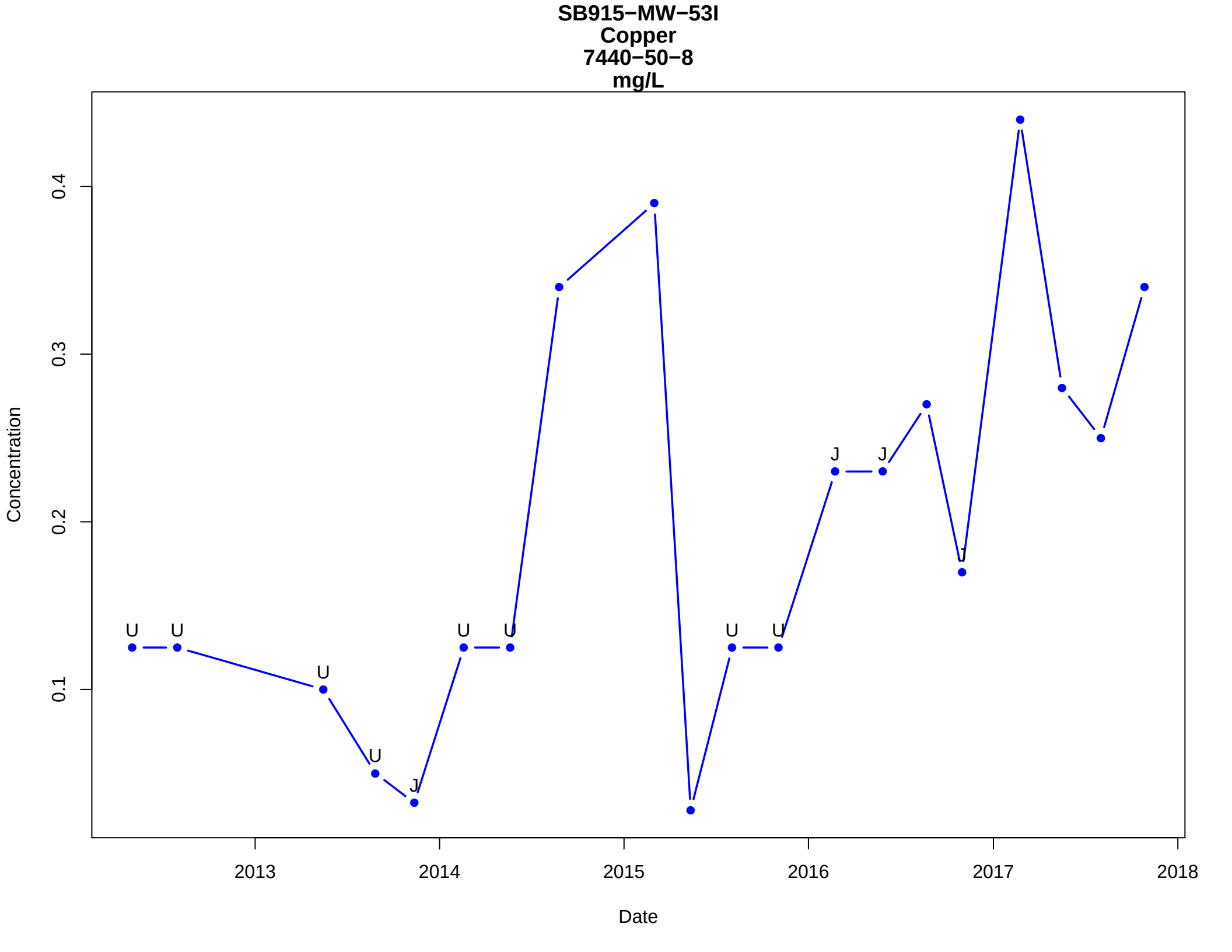

SB915−MW−53D
Sodium
7440−23−5
mg/L
U
J
250
200
150
100
50
Concentration
2013
2014
2015
2016
2017
2018
Date

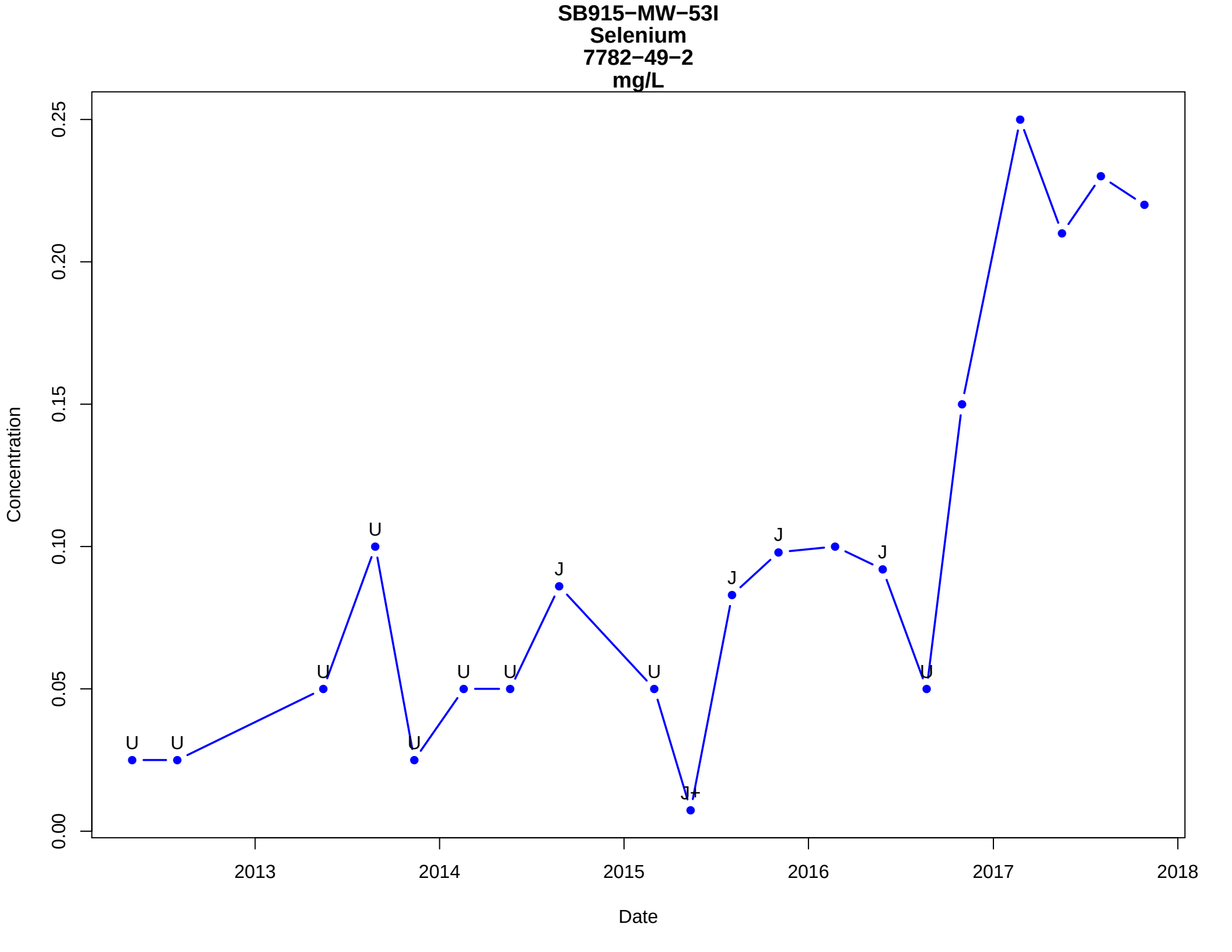

SB915−MW−53D
Alkalinity
ALK
mg/l
Concentration
320
300
280
260
240
220
200
J
J
J
2013
2014
2015
2016
2017
2018
Date

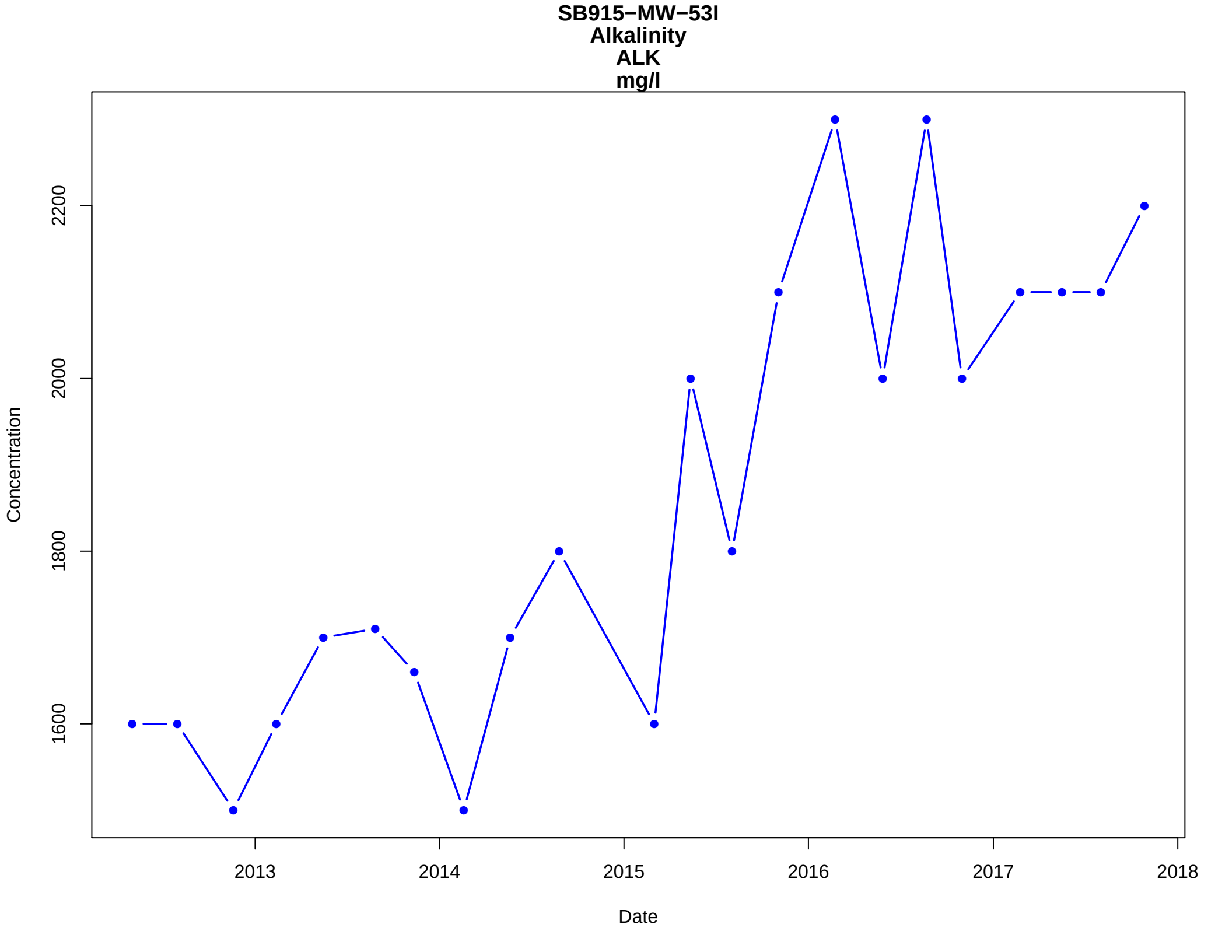

SB915−MW−53D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
180
200
220
240
260
280
300
320
J
J
J
2013
2014
2015
2016
2017
2018
Date

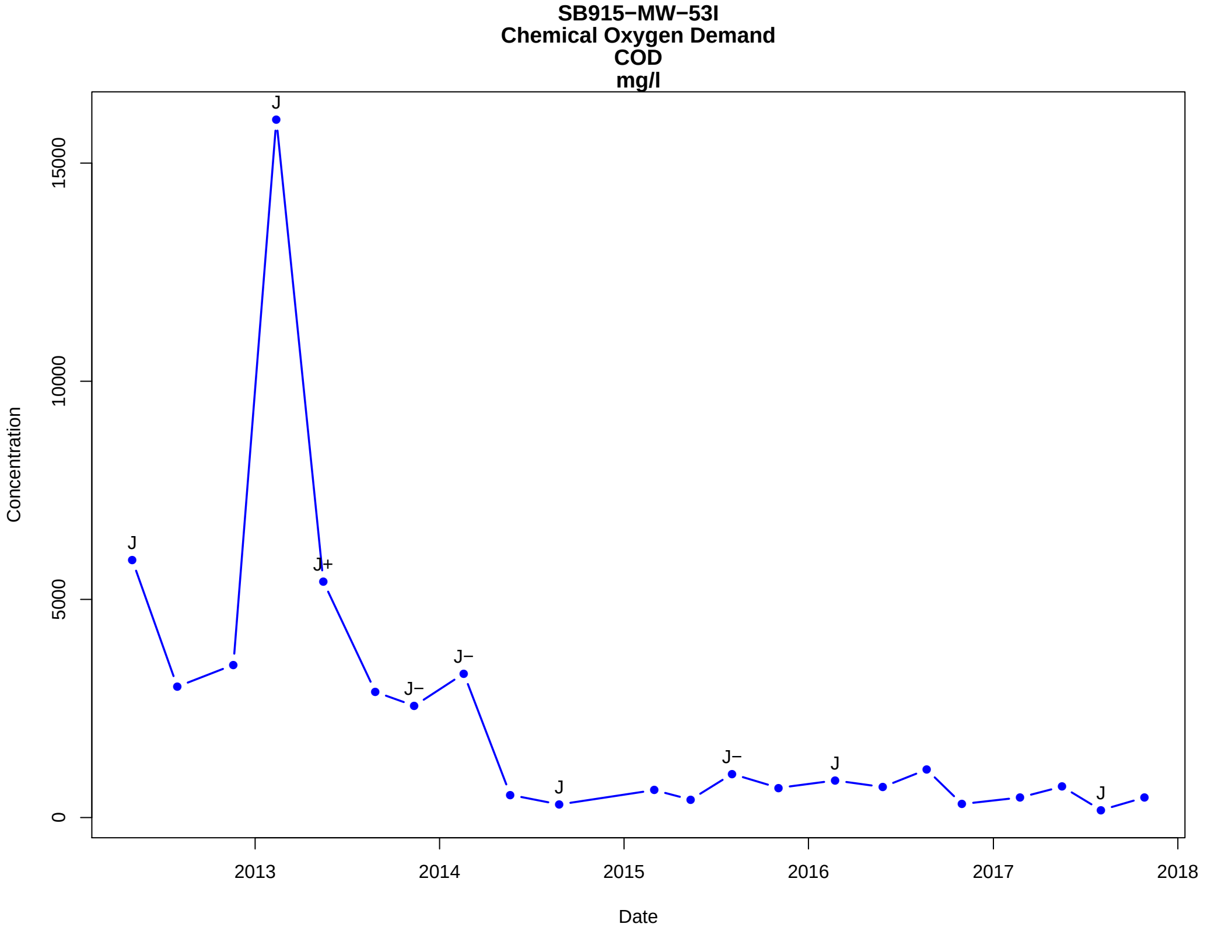

SB915-MW-53D
Ammonia
NH3N
mg/l
mg/L
Concentration
Date
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2013
2014
2015
2016
2017
2018
U
J
J-
J+
J+
J
J
J
J
J+
J
J
J

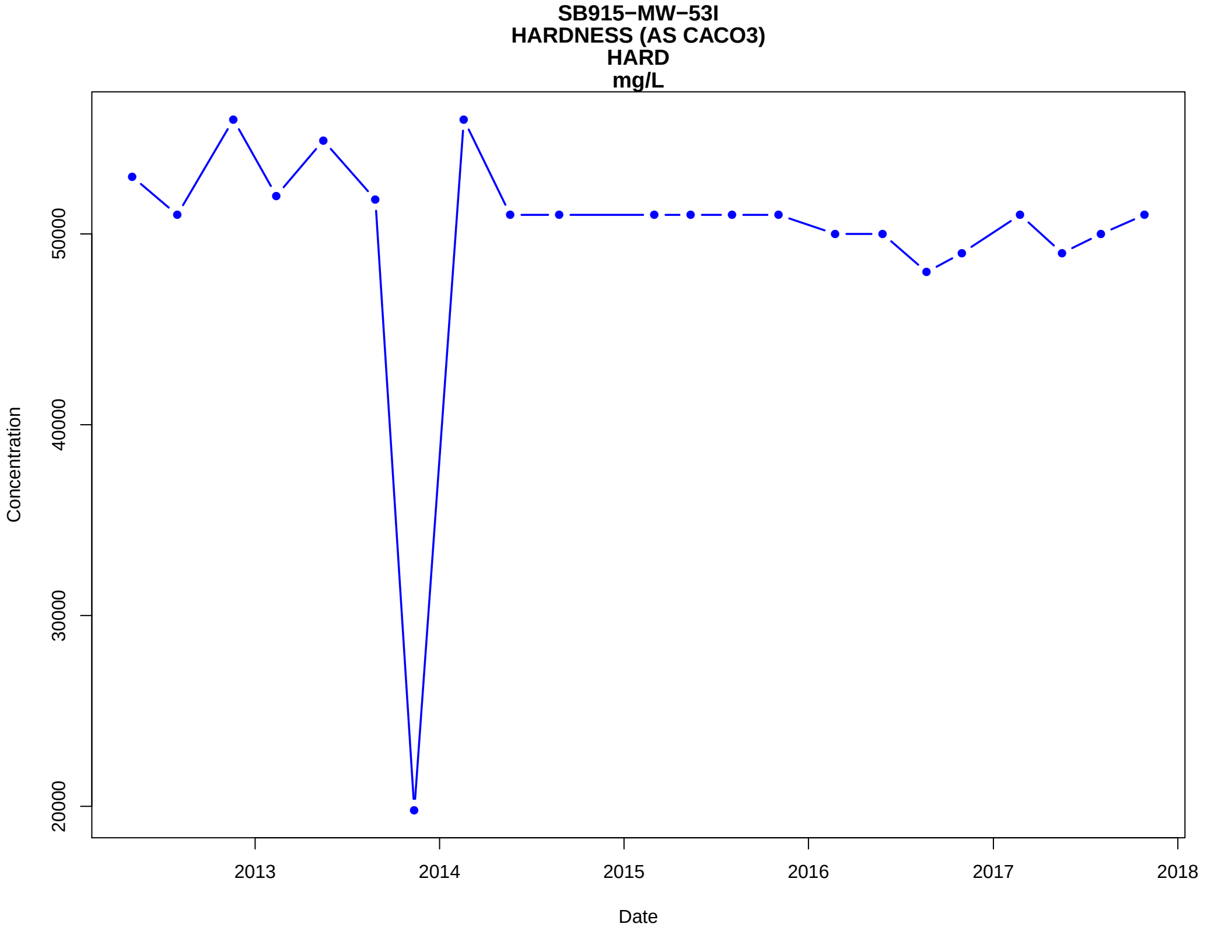

SB915−MW−53I
Nickel
7440−02−0
mg/L
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
2013
2014
2015
2016
2017
2018
Date
J
J
U
U
J
J
J
J
J
U
J
J
J
J
J
J
J
J
J

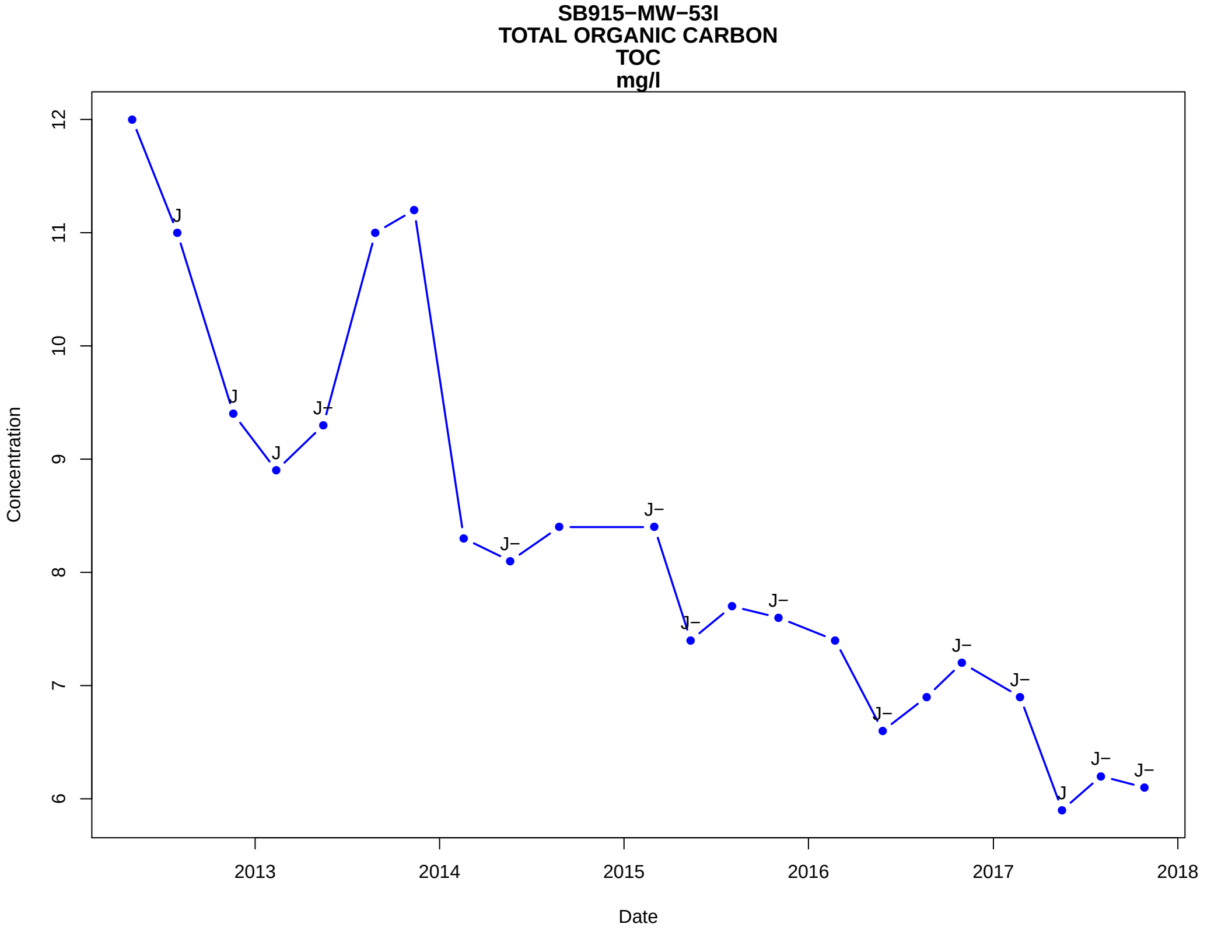

SB915−MW−53I
Copper
7440−50−8
mg/L
Concentration
0.1
0.2
0.3
0.4
U
U
U
U
J
U
U
U
U
J
J
J
2013
2014
2015
2016
2017
2018
Date

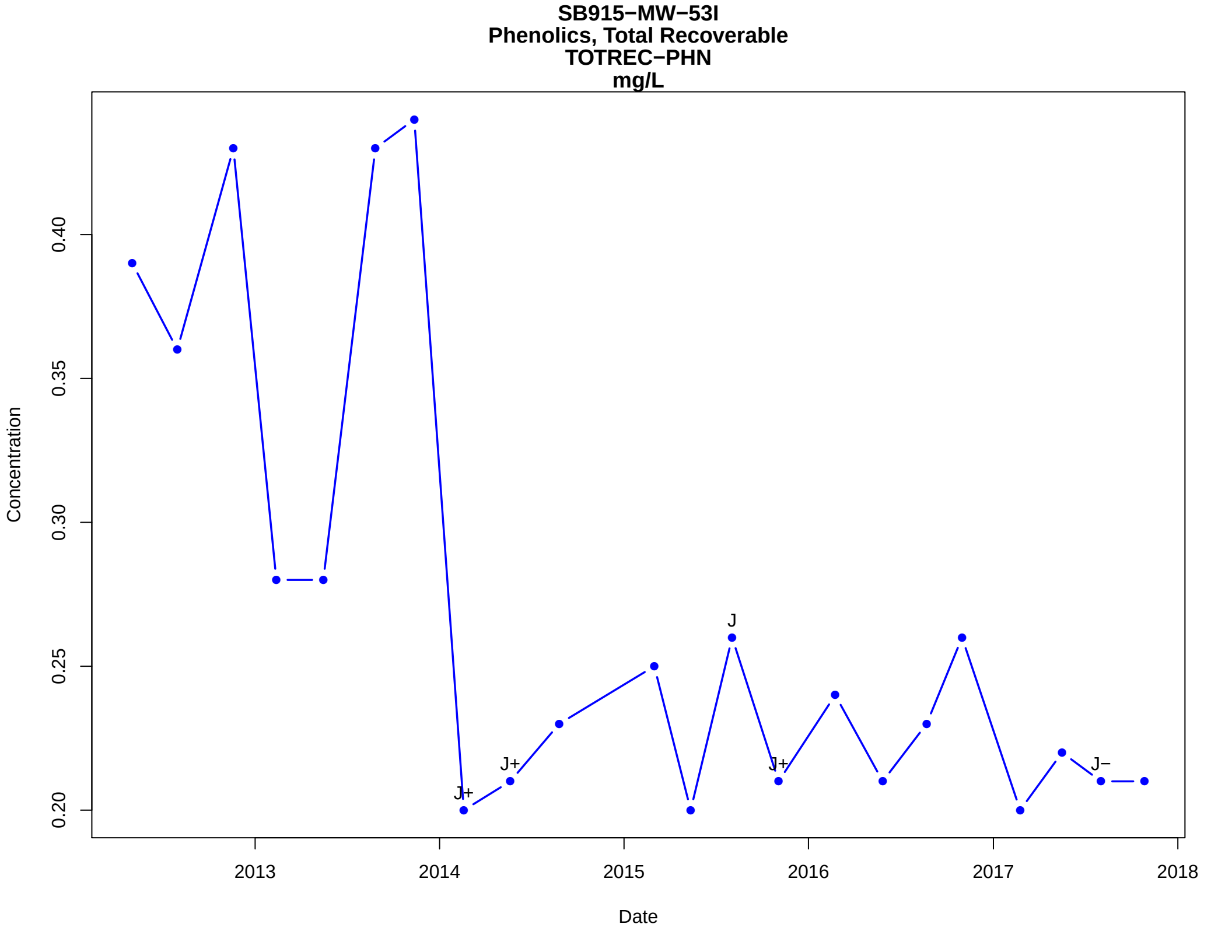

SB915−MW−53I
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
J
U
J
J
J
J
U
J+

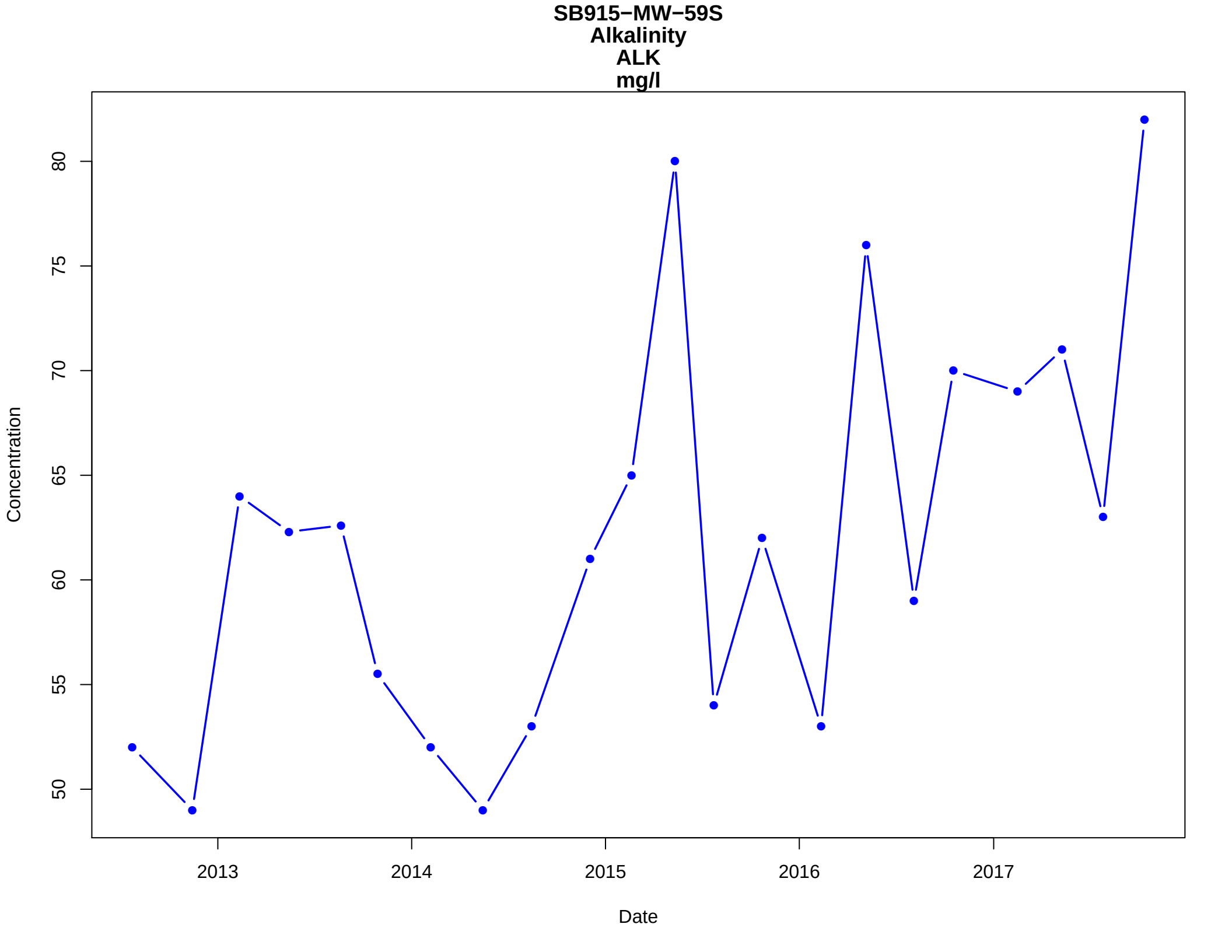

SB915−MW−53I
Alkalinity
ALK
mg/l
Concentration
1600
1800
2000
2200
2013
2014
2015
2016
2017
2018
Date

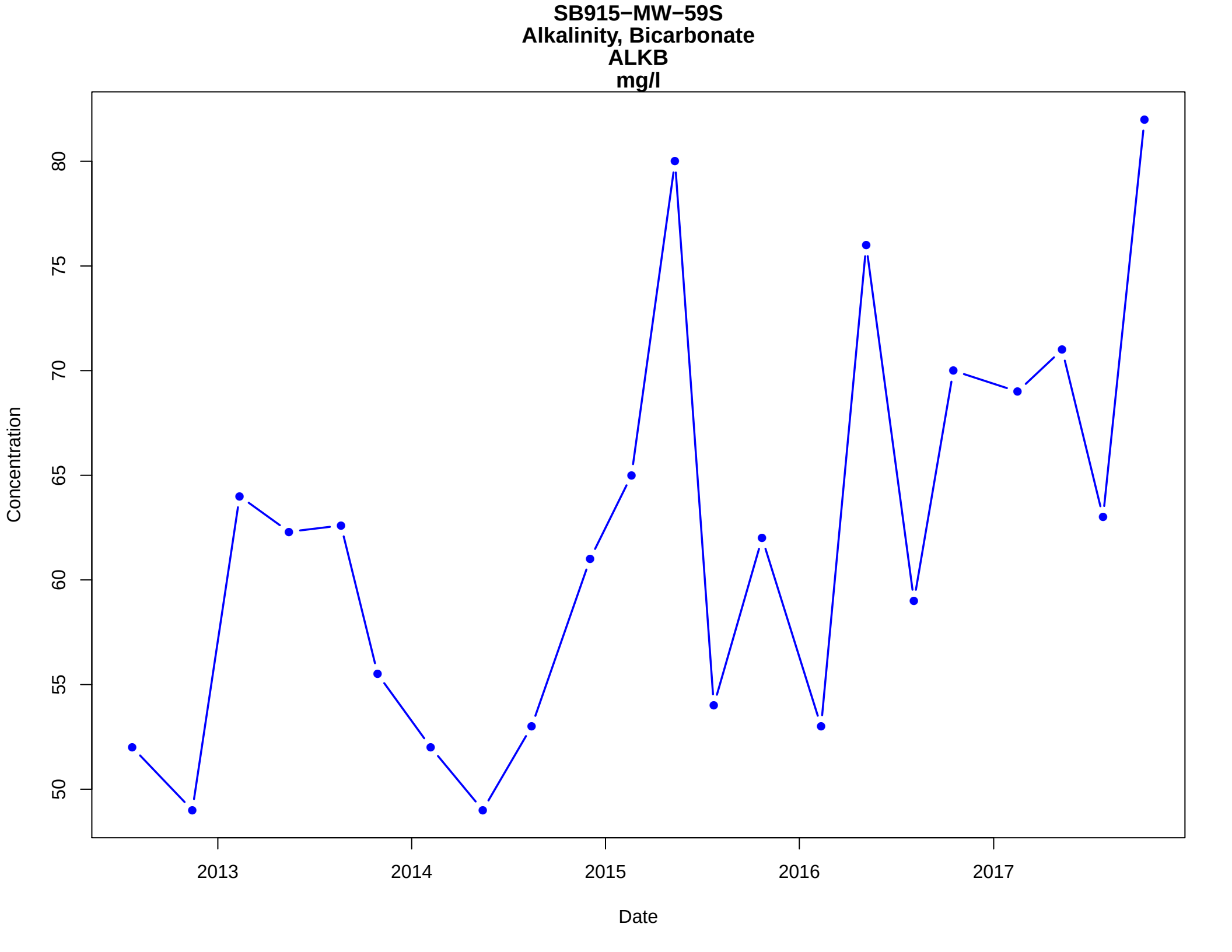

SB915−MW−53I
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
J
J
J+
J−
J−
J
J−
J
J
2013
2014
2015
2016
2017
2018
Date

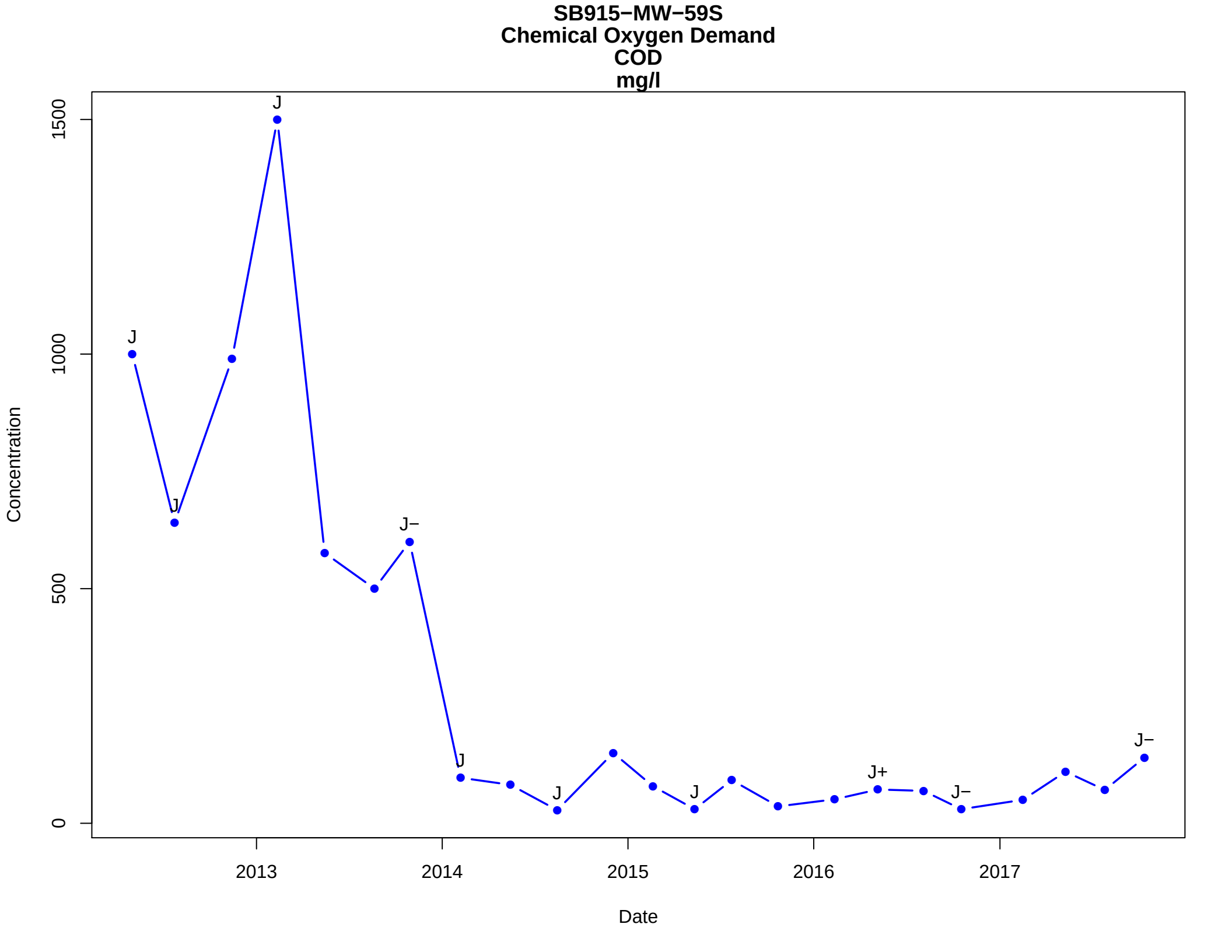

SB915−MW−53I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
20000
30000
40000
50000
2013
2014
2015
2016
2017
2018
Date

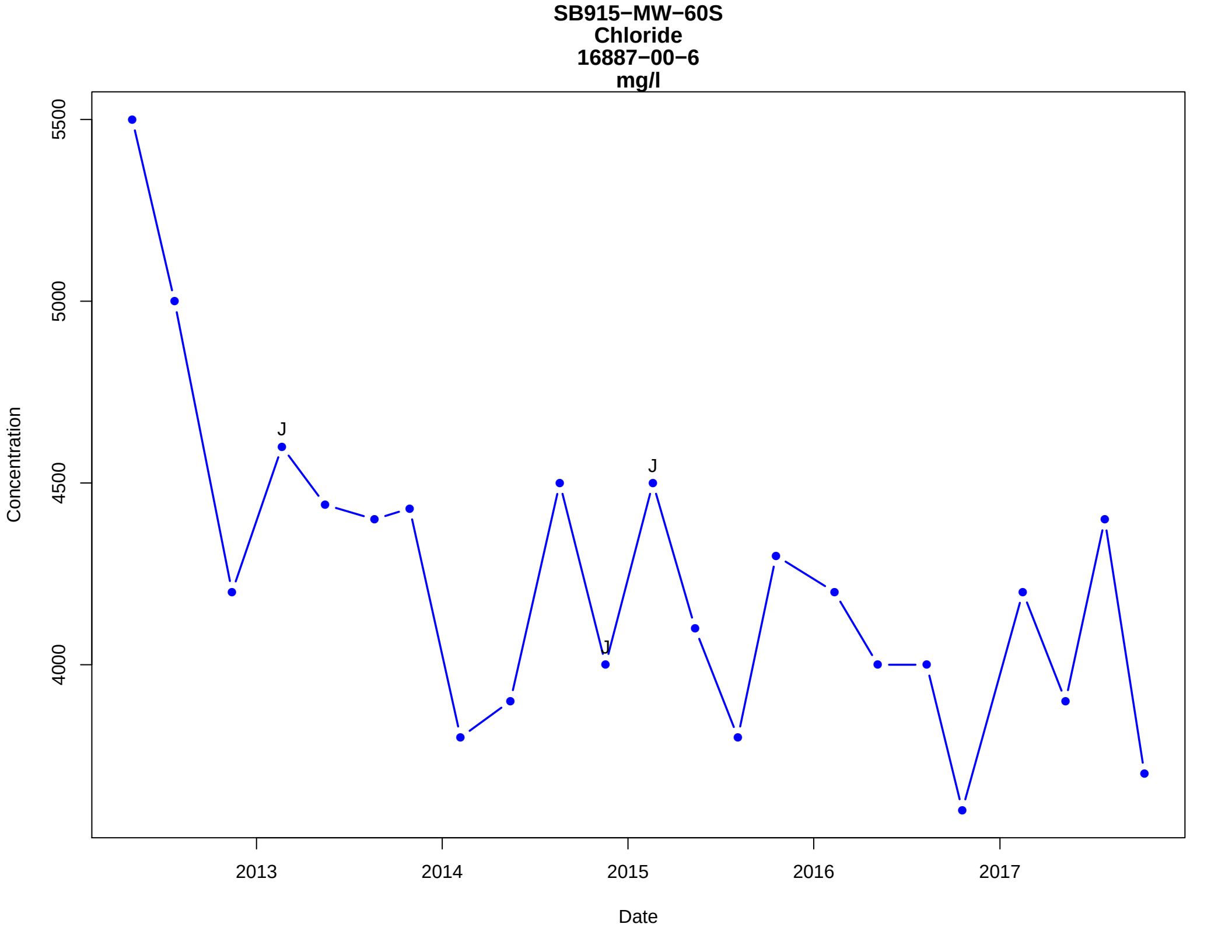

SB915−MW−53I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
12
11
10
9
8
7
6
2013
2014
2015
2016
2017
2018
J
J
J
J−
J−
J−
J−
J−
J−
J−
J
J−
J−

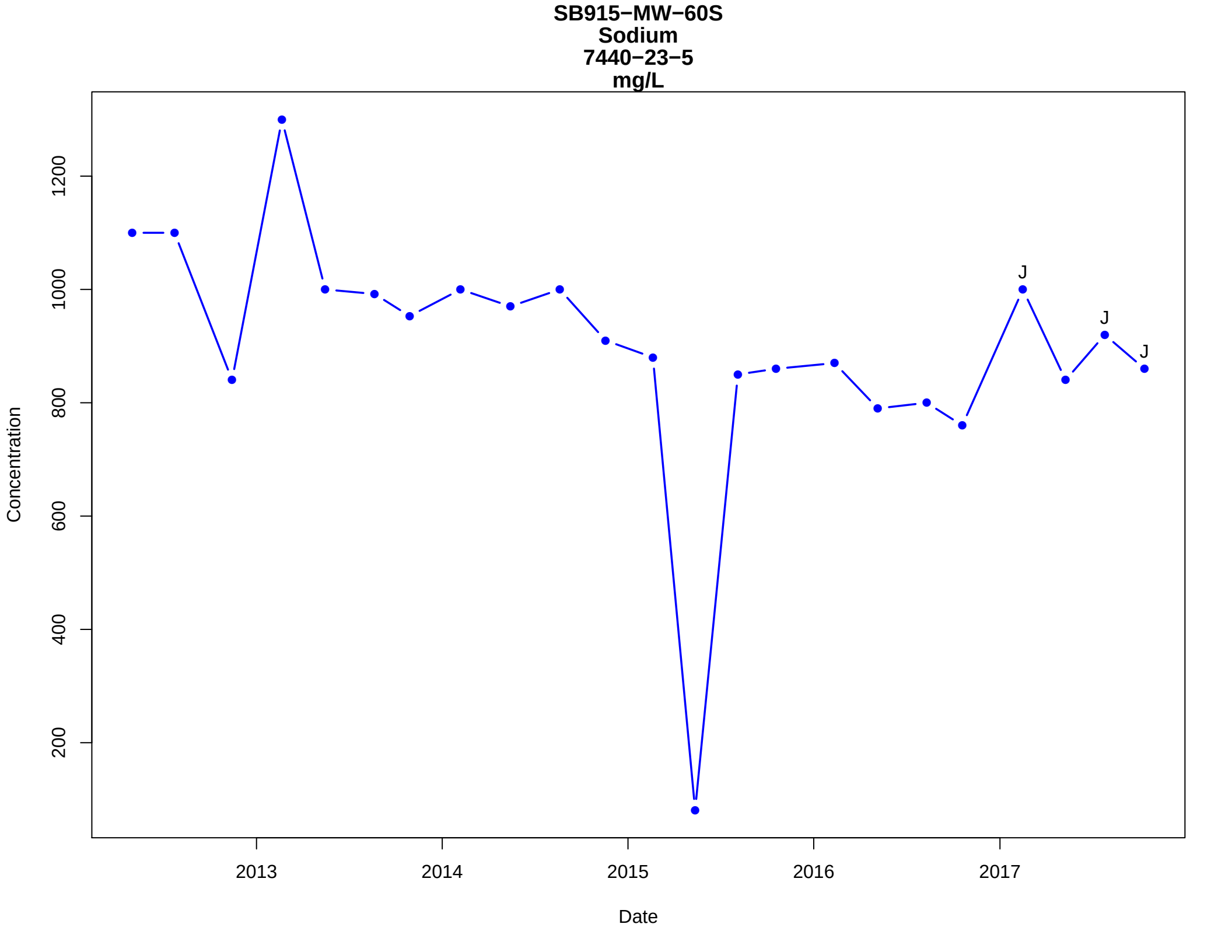

SB915−MW−53I
Phenolics, Total Recoverable
TOTREC−PHN
mg/L
Concentration
0.20
0.25
0.30
0.35
0.40
J+
J+
J
J+
J−
2013
2014
2015
2016
2017
2018
Date

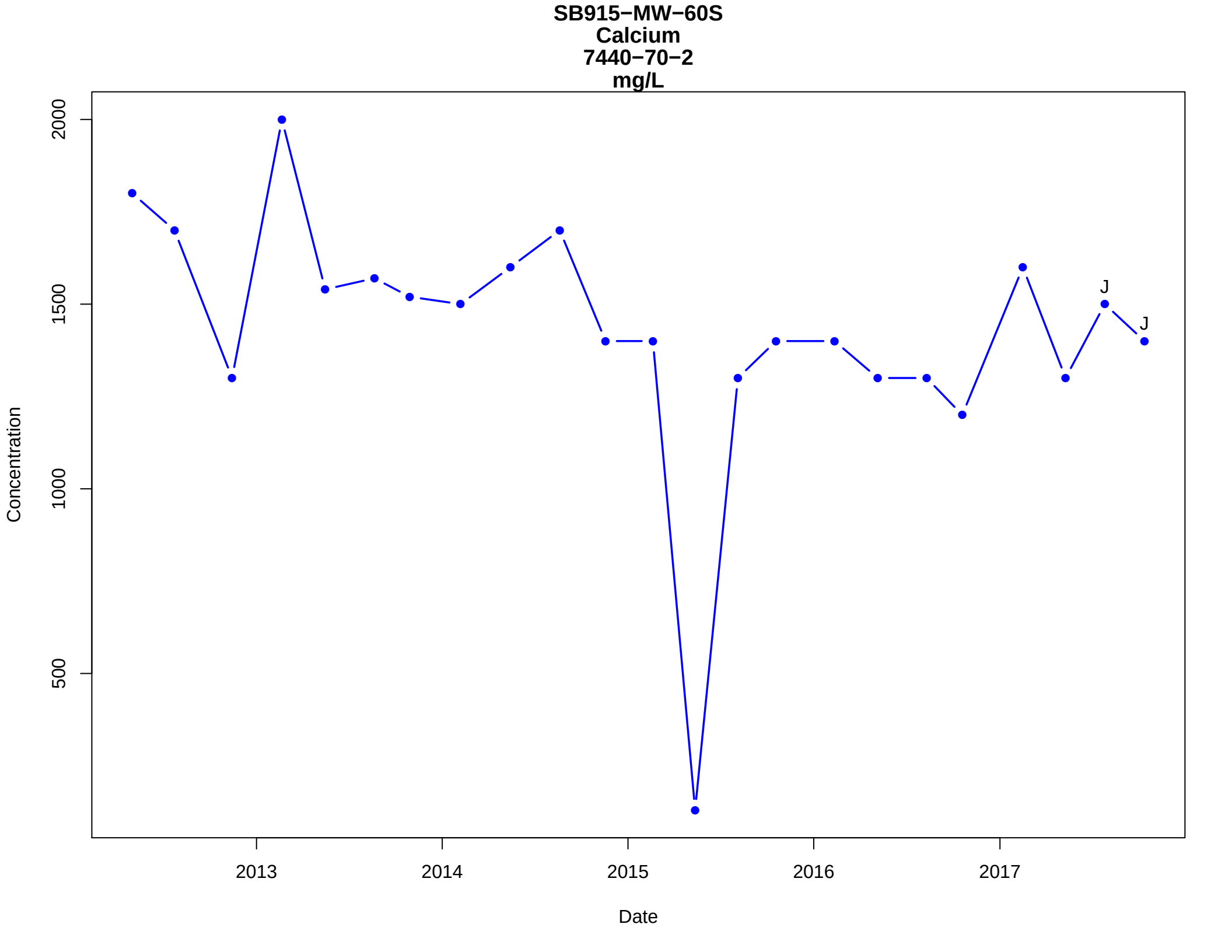

SB915−MW−59S
Alkalinity
ALK
mg/l
Concentration
50
55
60
65
70
75
80
2013
2014
2015
2016
2017
Date

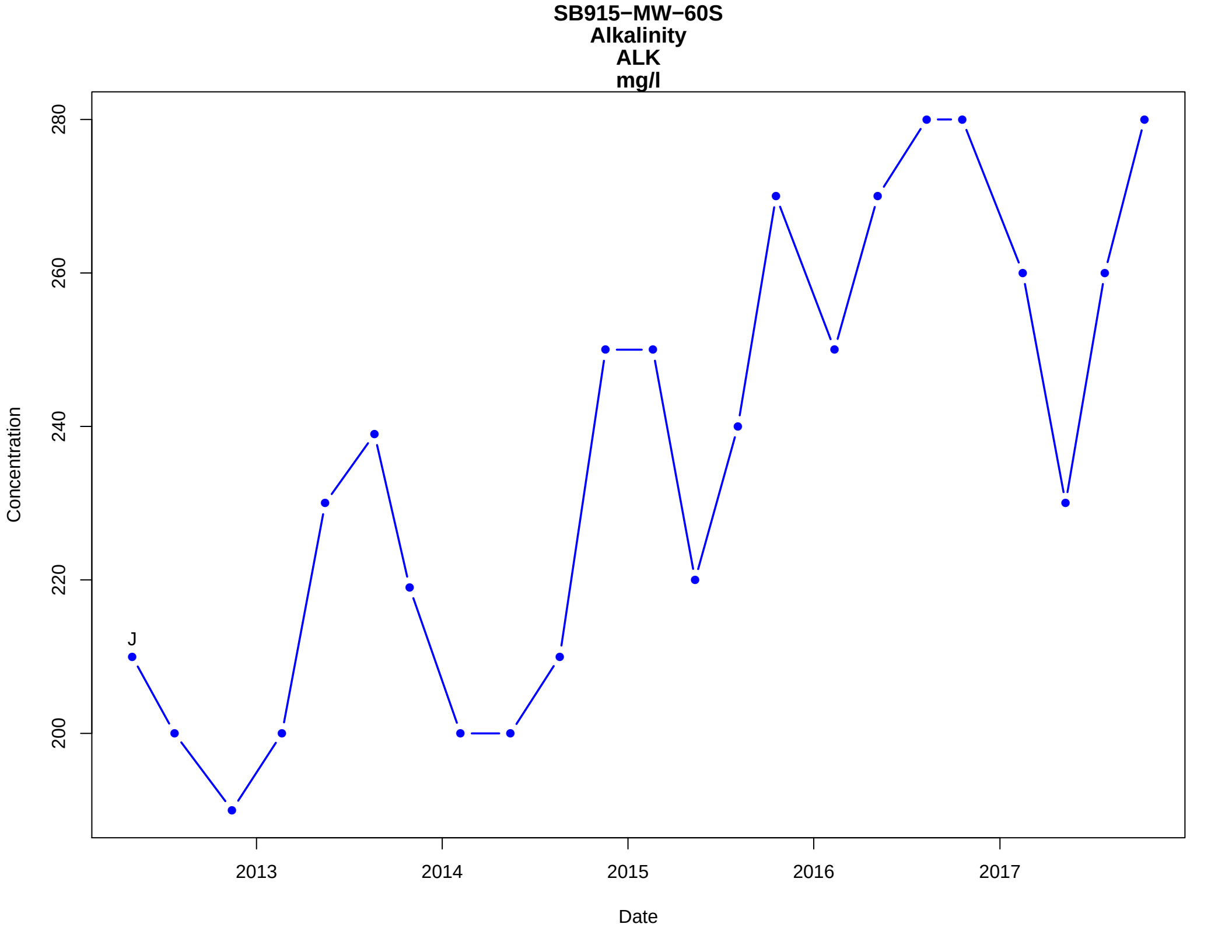

SB915−MW−59S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
50
55
60
65
70
75
80
2013
2014
2015
2016
2017
Date

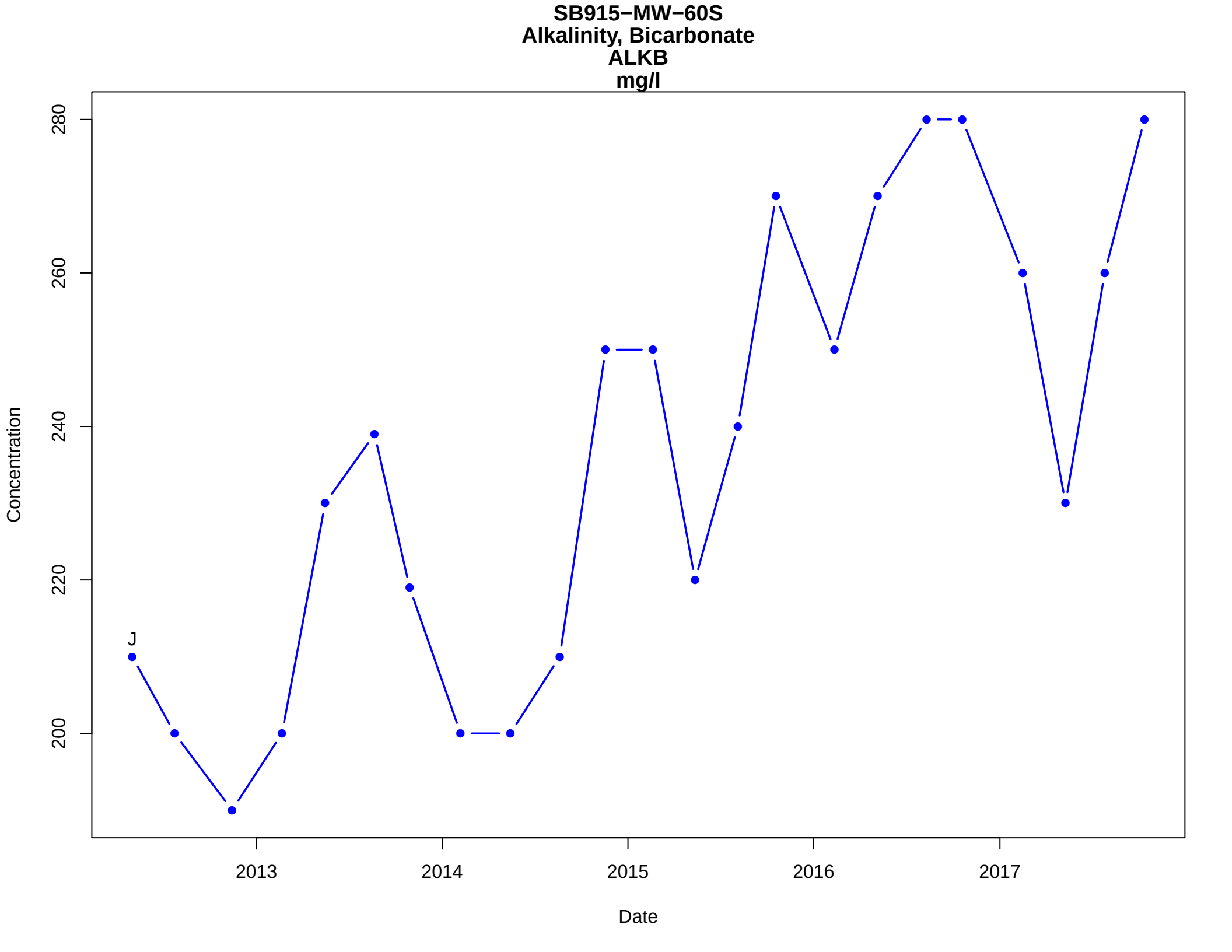

SB915−MW−59S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
J
J
J
J−
J
J
J
J
J+
J−
J−
2013
2014
2015
2016
2017
Date

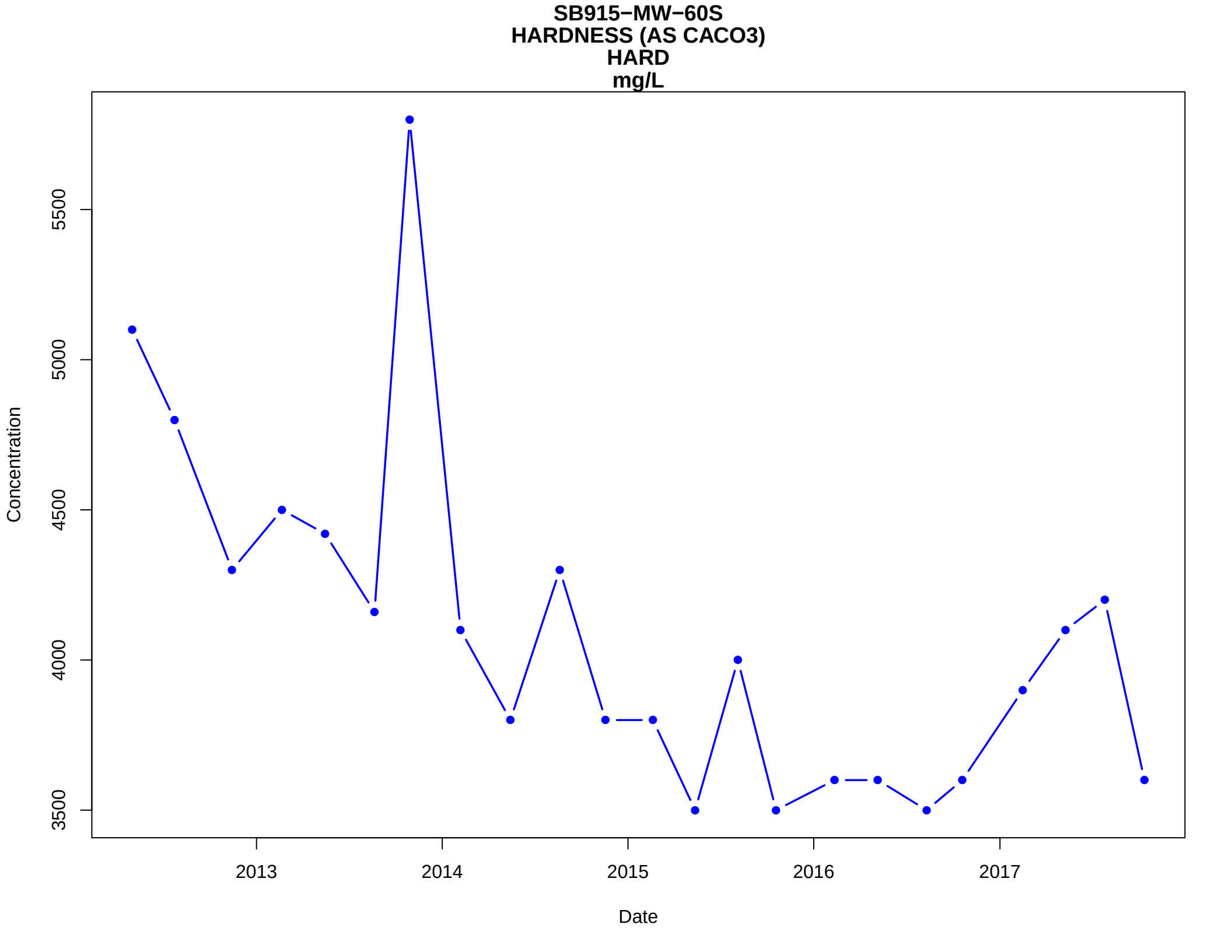

SB915−MW−60S
Chloride
16887−00−6
mg/l
Concentration
5500
5000
4500
4000
J
J
J
2013
2014
2015
2016
2017
Date

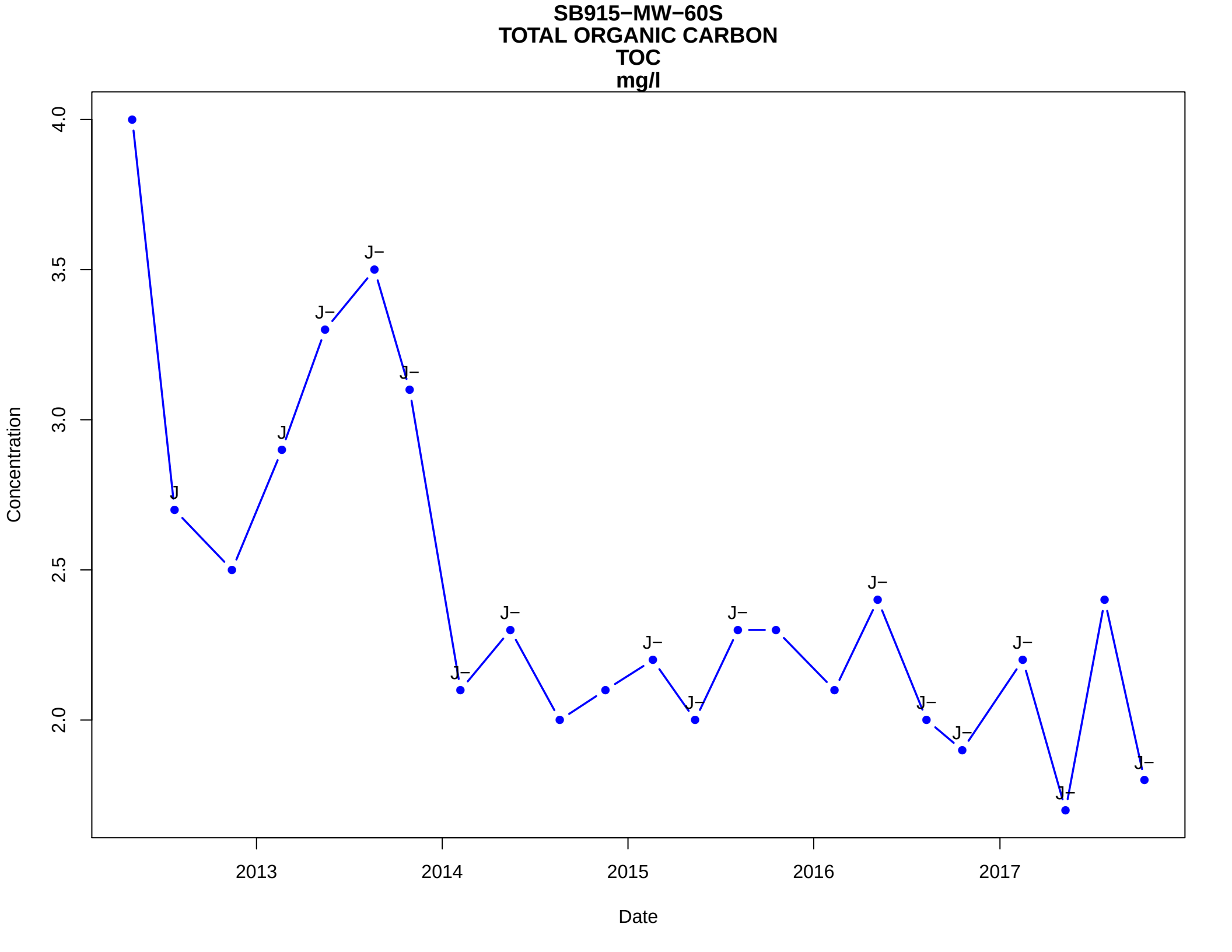

SB915−MW−60S
Sodium
7440−23−5
mg/L
Concentration
200
400
600
800
1000
1200
J
J
J
2013
2014
2015
2016
2017
Date

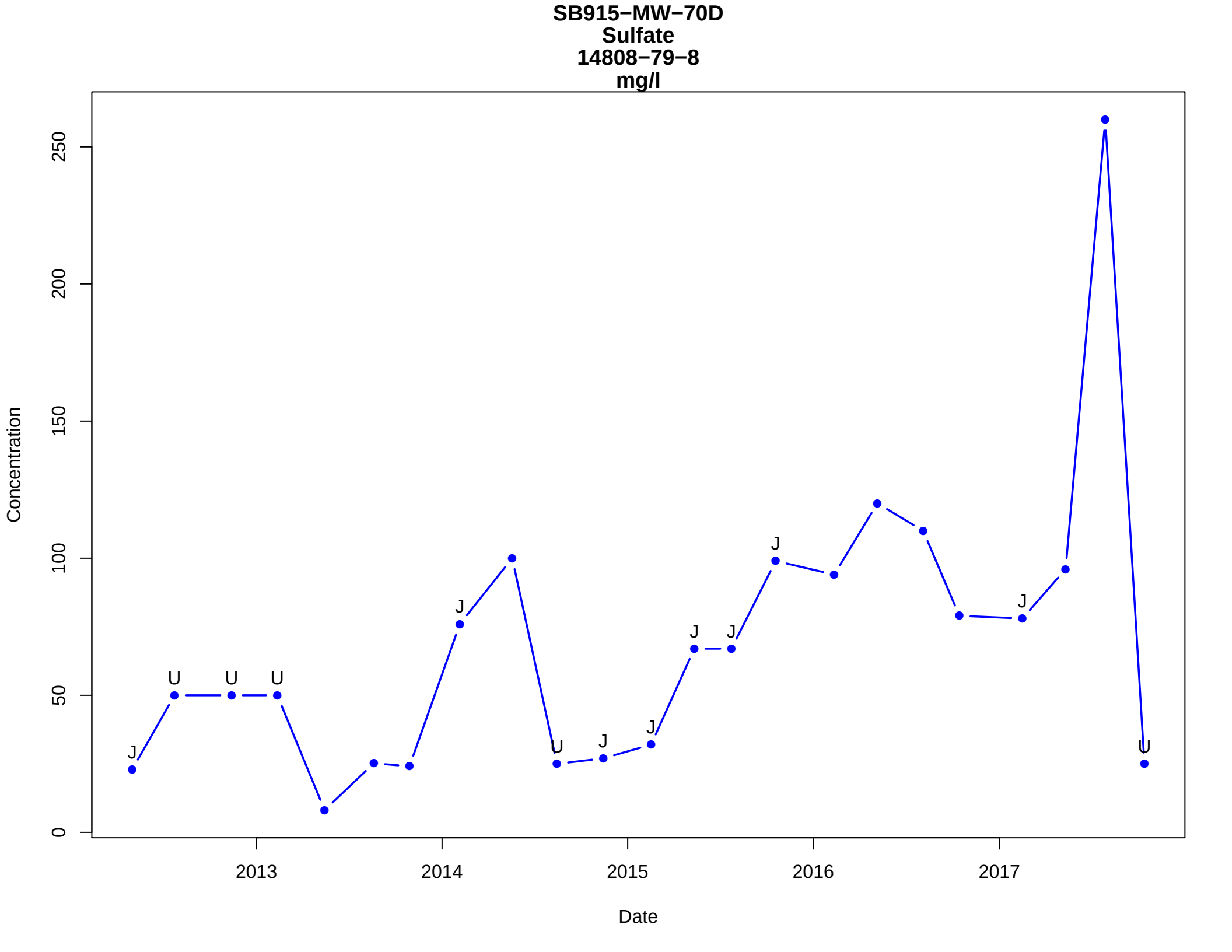

SB915−MW−60S
Calcium
7440−70−2
mg/L
Concentration
2000
1500
1000
500
J
J
2013
2014
2015
2016
2017
Date

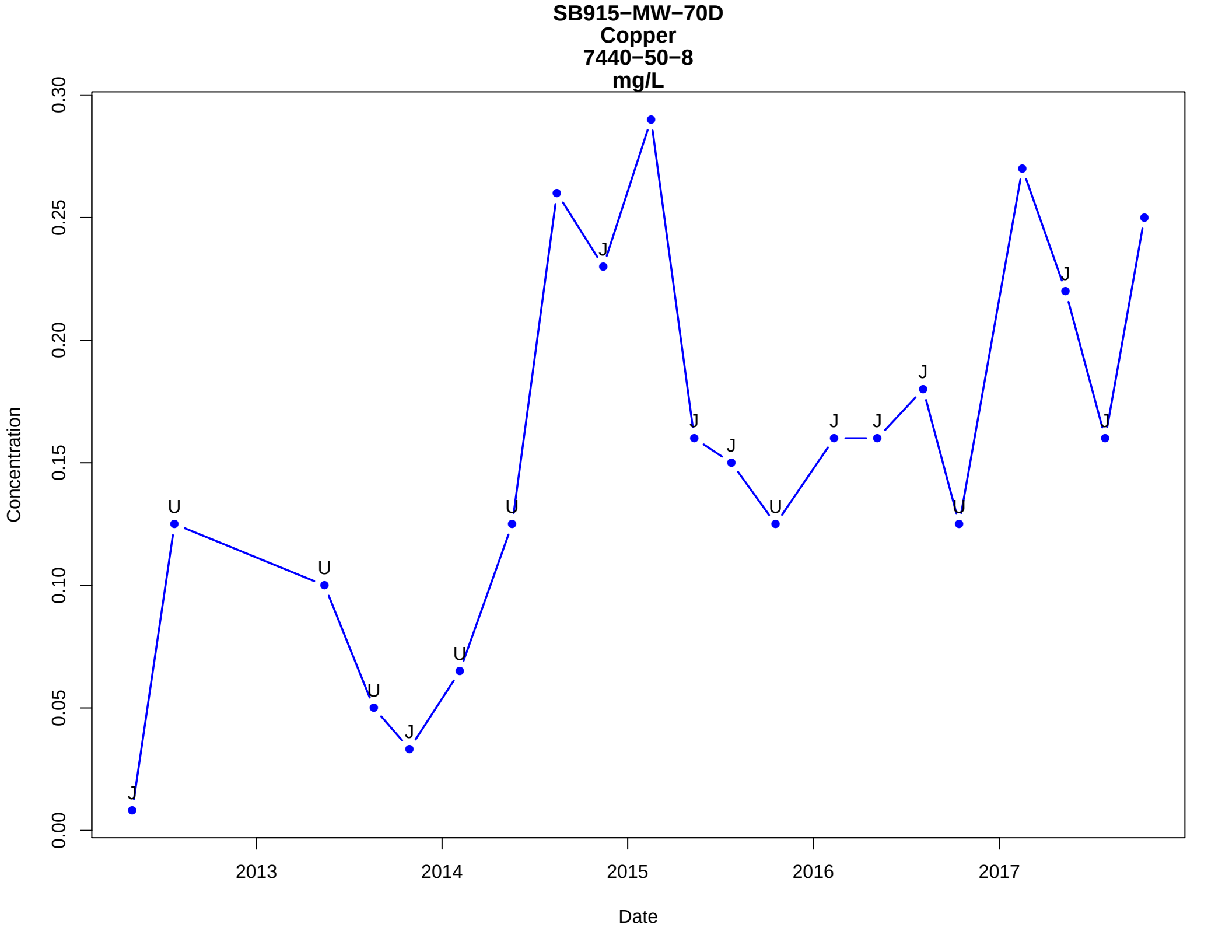

SB915−MW−60S
Alkalinity
ALK
mg/l
Concentration
200
220
240
260
280
J
2013
2014
2015
2016
2017
Date

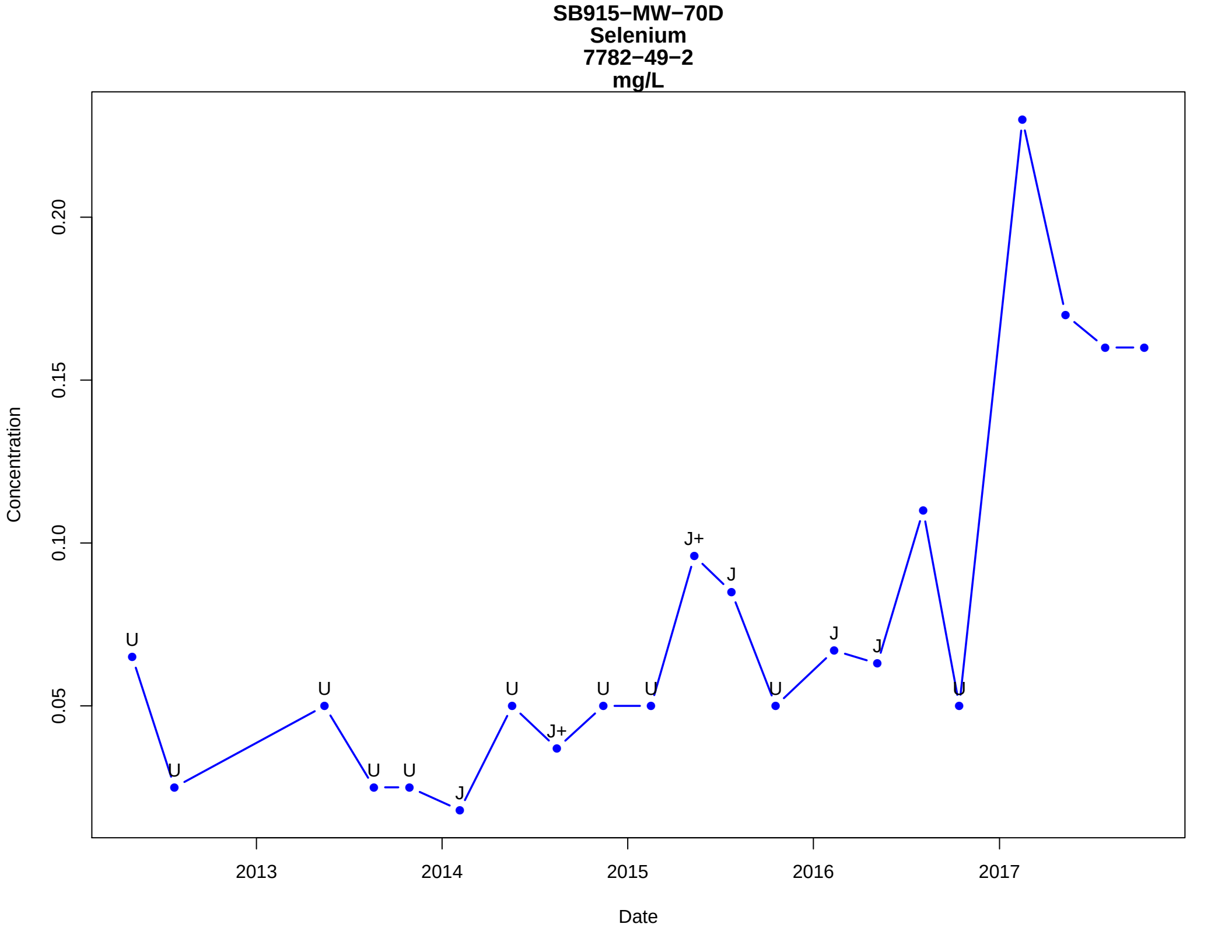

SB915−MW−60S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
280
260
240
220
200
J
2013
2014
2015
2016
2017
Date

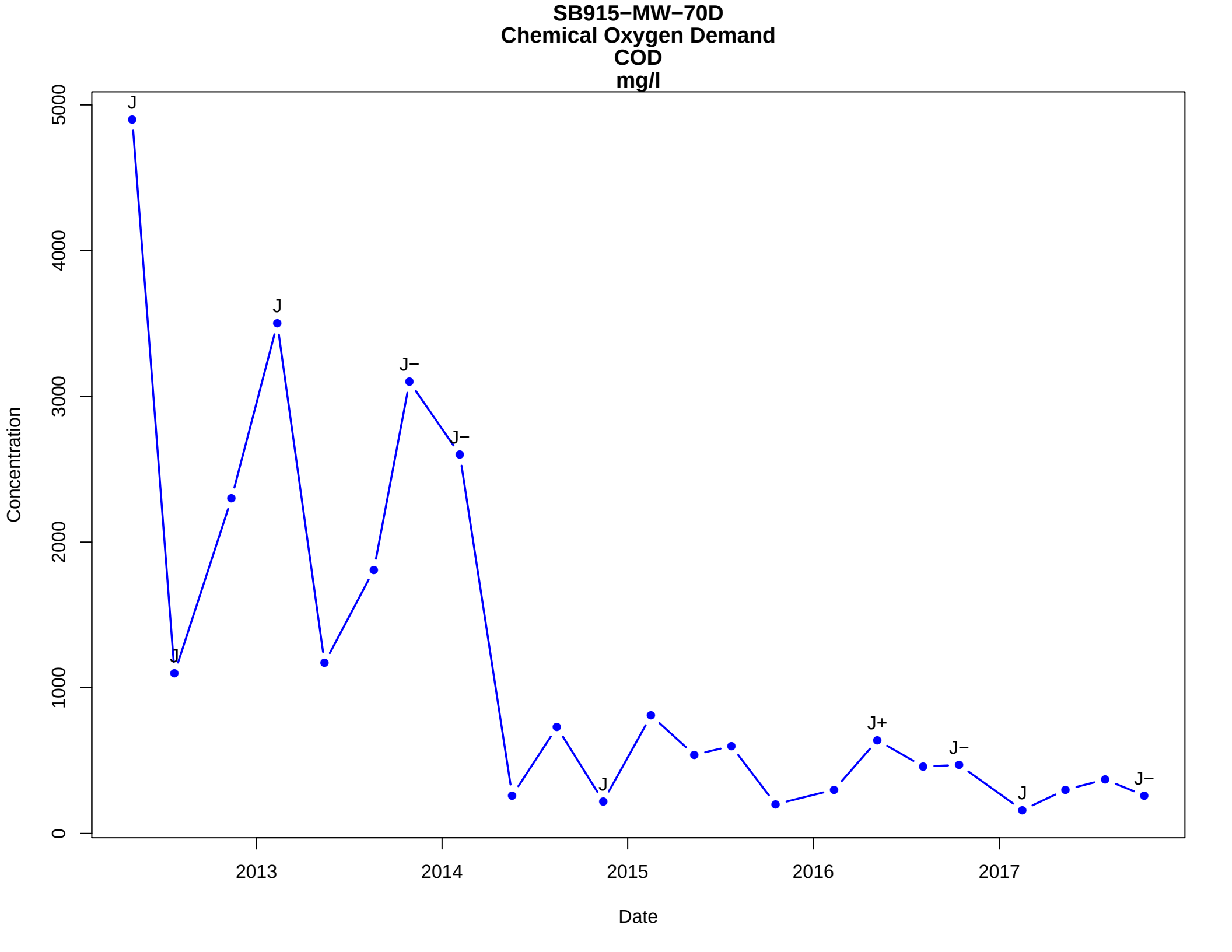

SB915−MW−60S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
3500
4000
4500
5000
5500
2013
2014
2015
2016
2017
Date

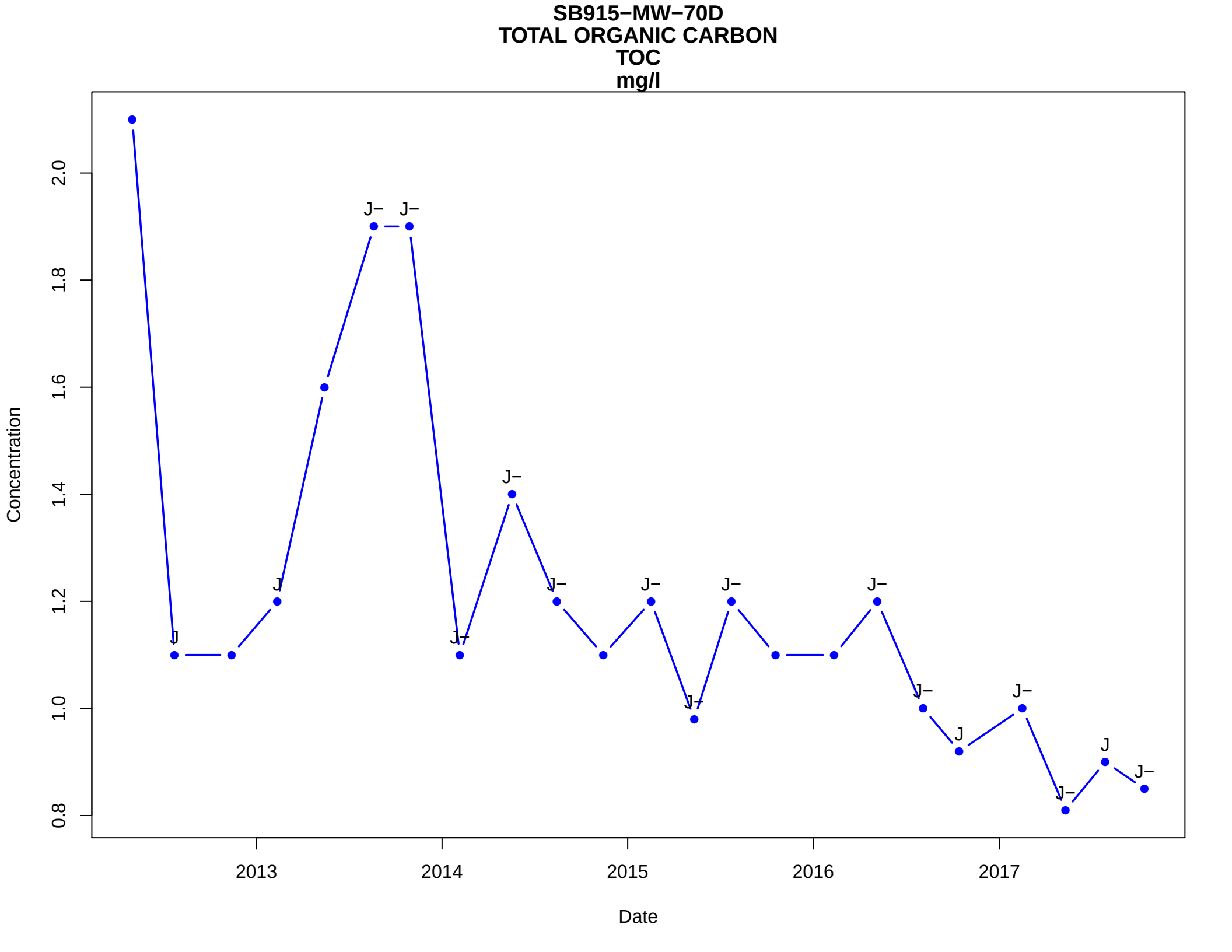

SB915−MW−60S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
4.0
3.5
3.0
2.5
2.0
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
Date

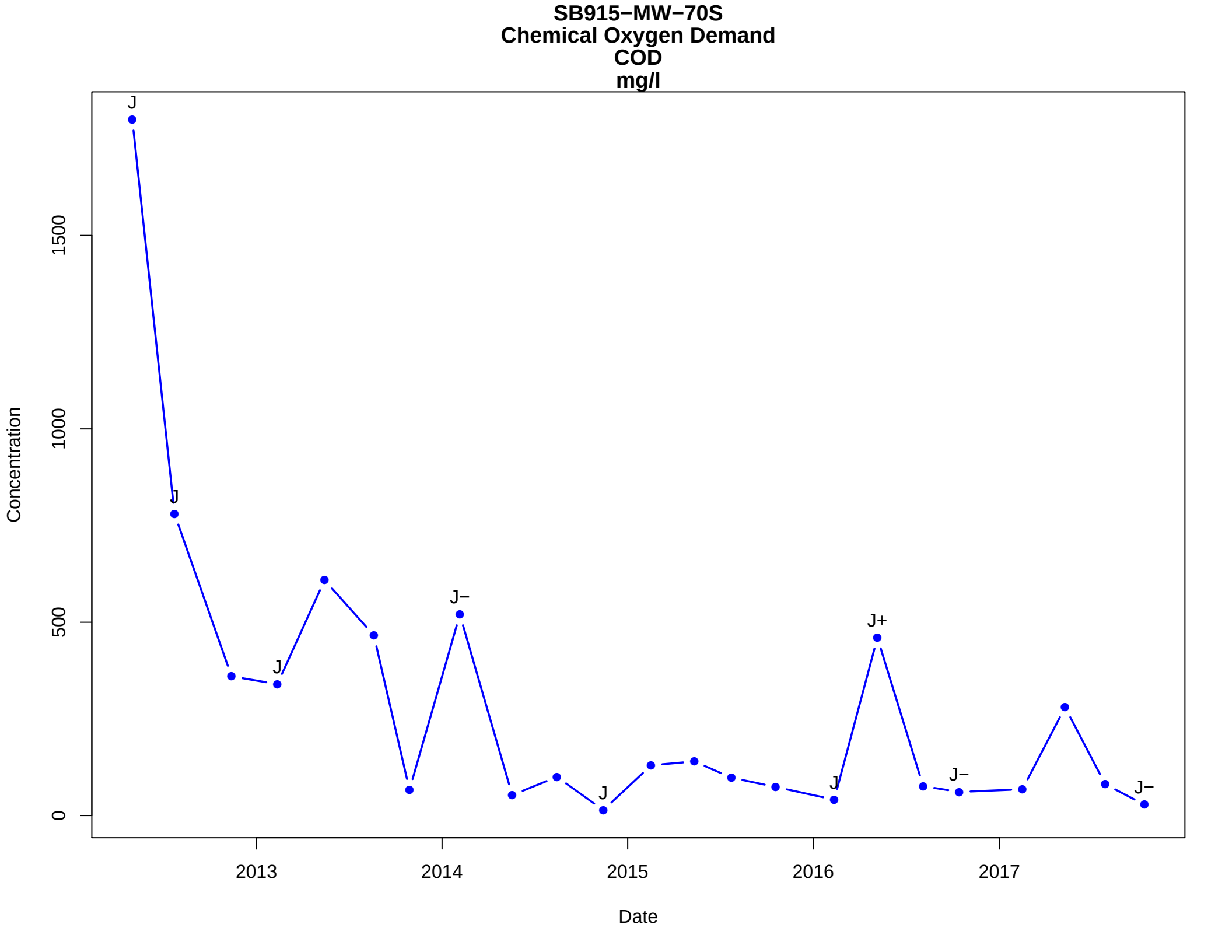

SB915−MW−70D
Sulfate
14808−79−8
mg/l
Concentration
0
50
100
150
200
250
2013
2014
2015
2016
2017
Date
J
U
U
U
J
J
U
J
J
J
J
J
J
U

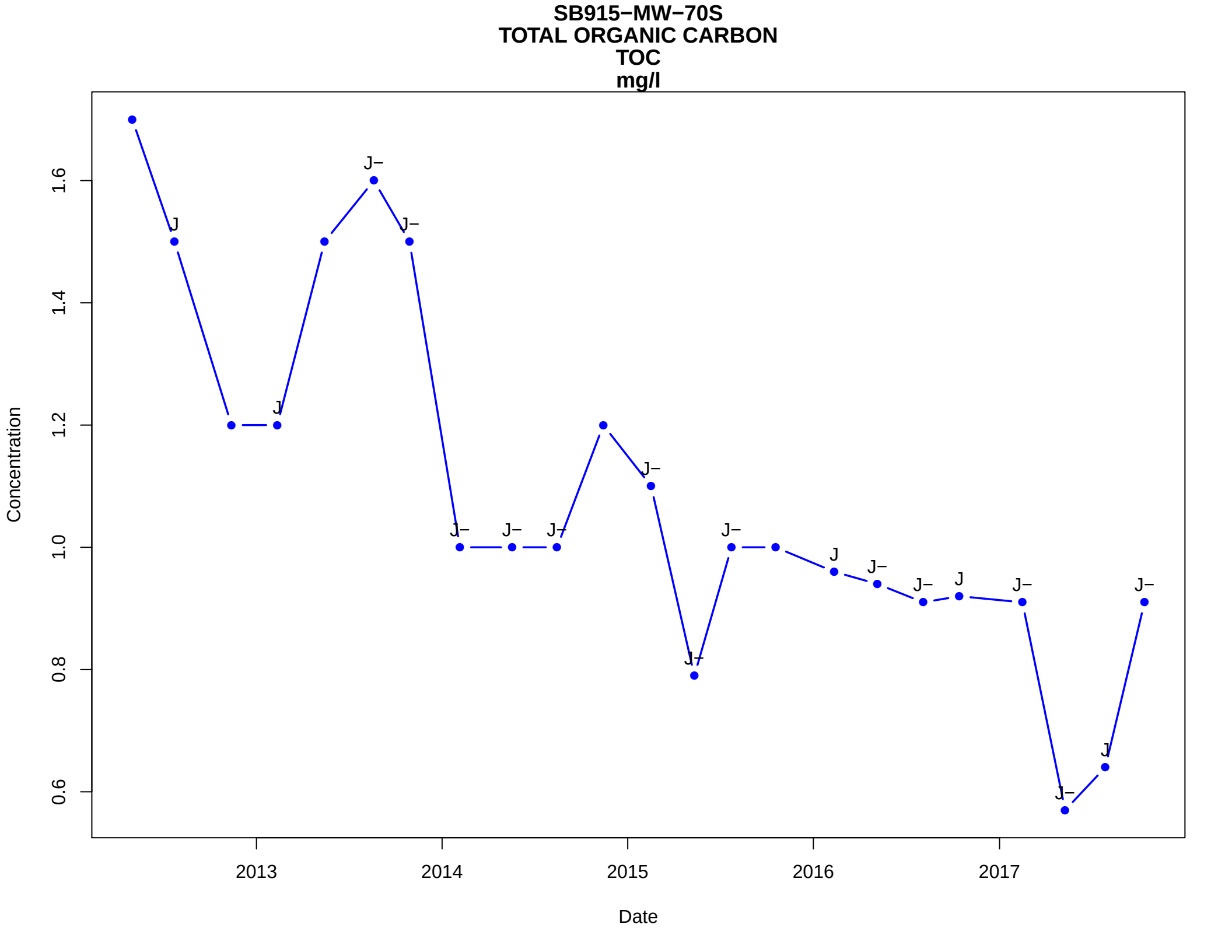

SB915−MW−70D
Copper
7440−50−8
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
0.30
2013
2014
2015
2016
2017
Date
J
U
U
U
J
U
J
J
U
J
J
U
J
J
U
J
J

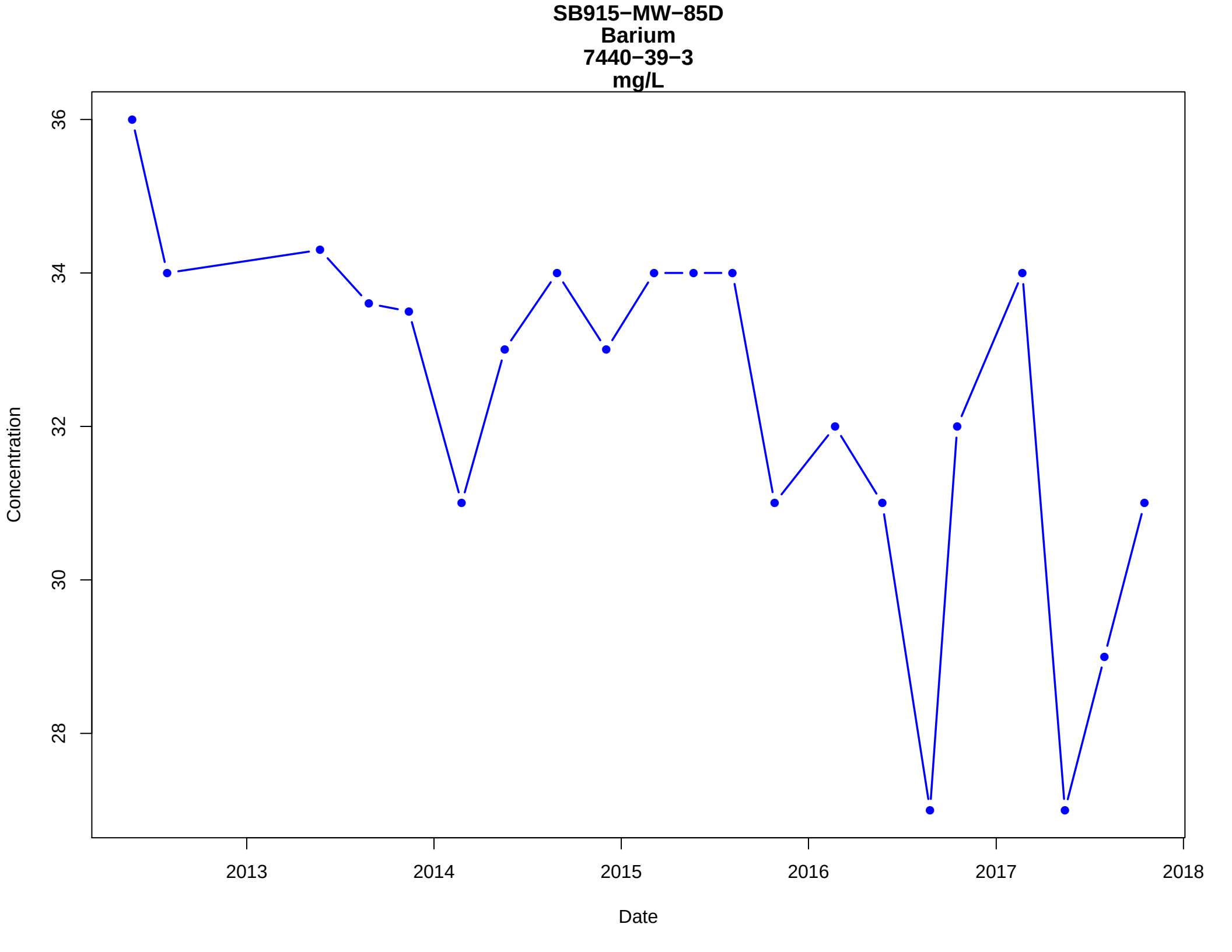

SB915−MW−70D
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
U
U
U
U
U
J
U
J+
U
U
J+
J
U
J
J
U
U
2013
2014
2015
2016
2017
Date

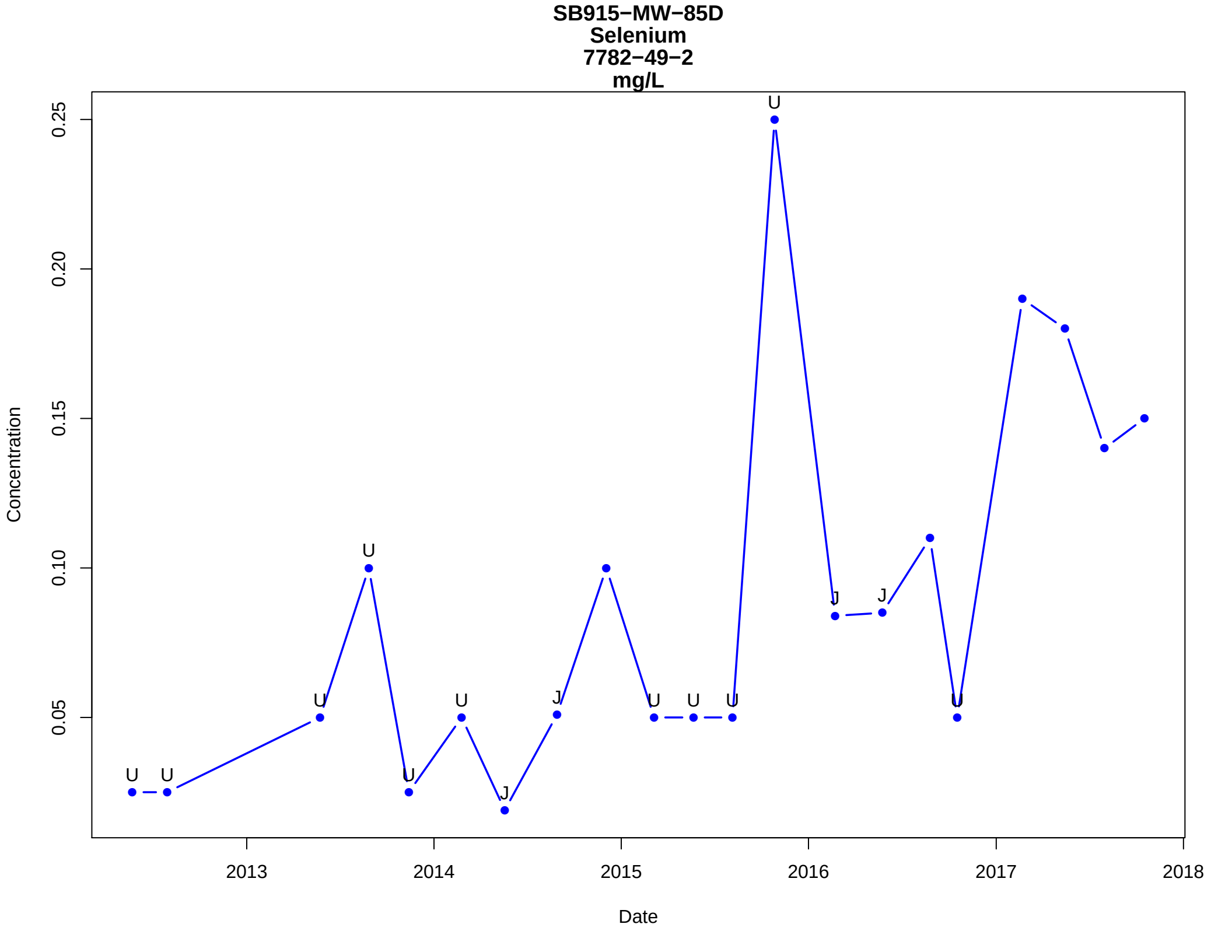

SB915−MW−70D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
2013
2014
2015
2016
2017
Date
J
J
J
J−
J−
J
J
J+
J−
J
J−

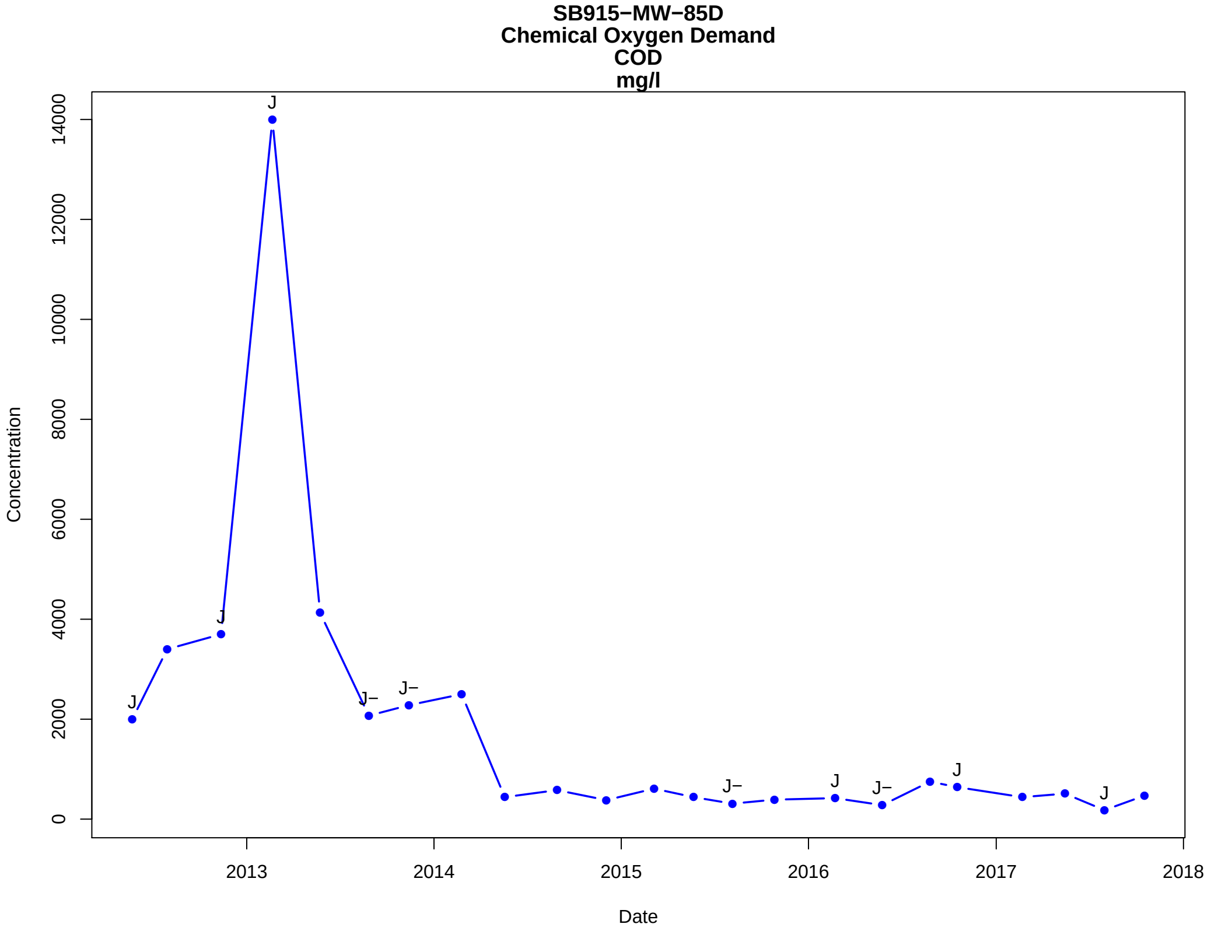

SB915−MW−70D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.8
1.0
1.2
1.4
1.6
1.8
2.0
J−
J−
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J
J−
J
J−
2013
2014
2015
2016
2017
Date

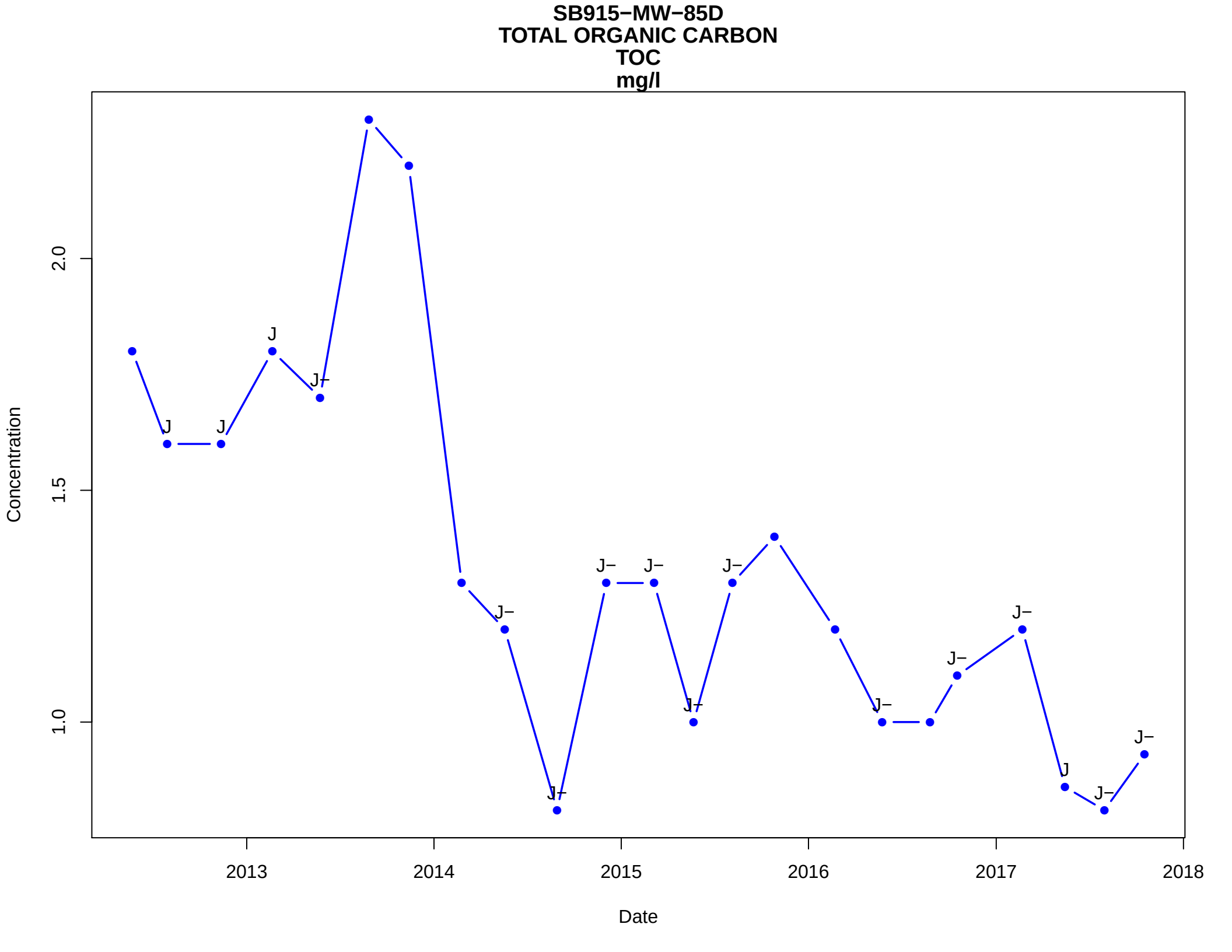

SB915−MW−70S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
J
J
J
J−
J
J
J+
J−
J−
2013
2014
2015
2016
2017
Date

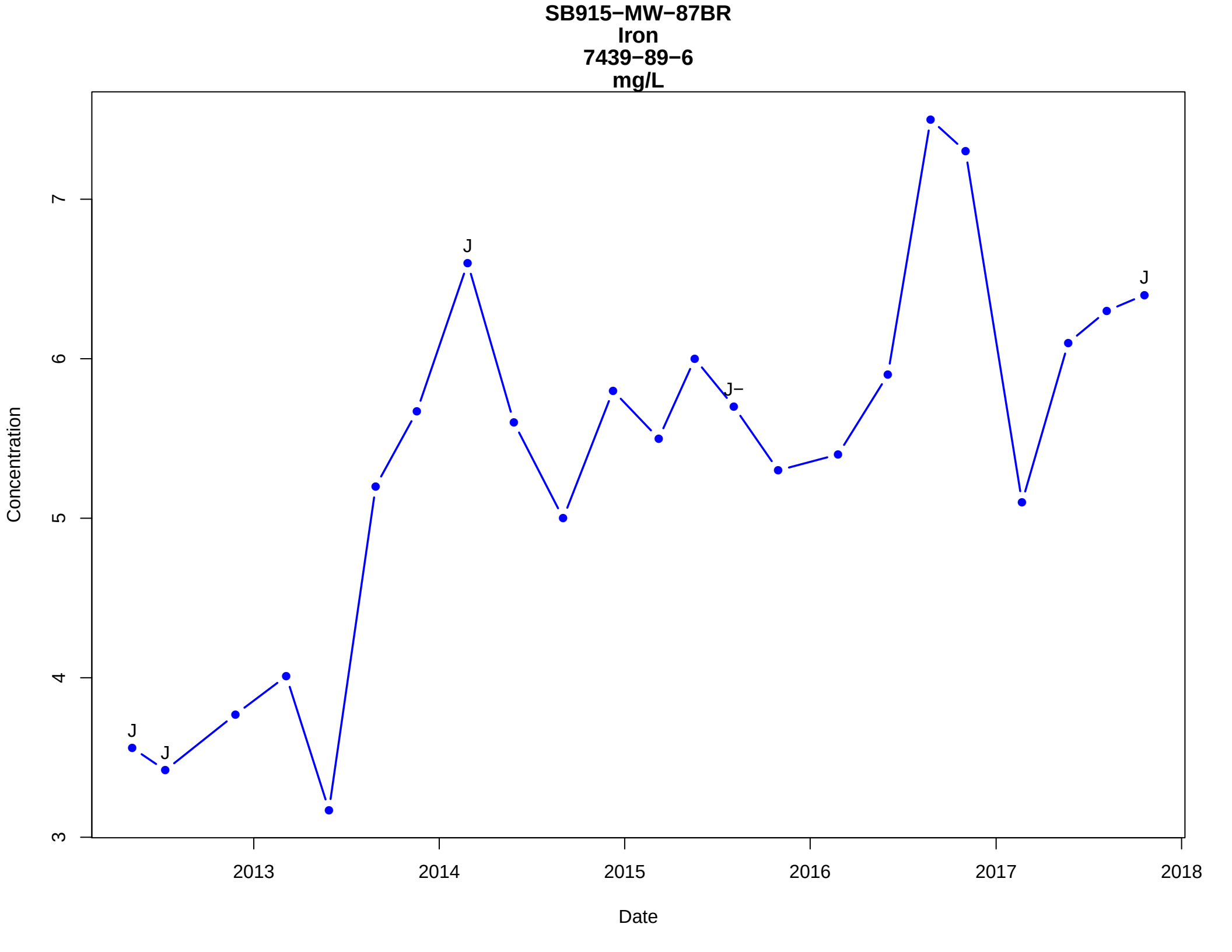

SB915−MW−70S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.6
0.8
1.0
1.2
1.4
1.6
J
J−
J
J−
J−
J−
J−
J−
J
J−
J−
J
J−
J−
J
J−
2013
2014
2015
2016
2017
Date

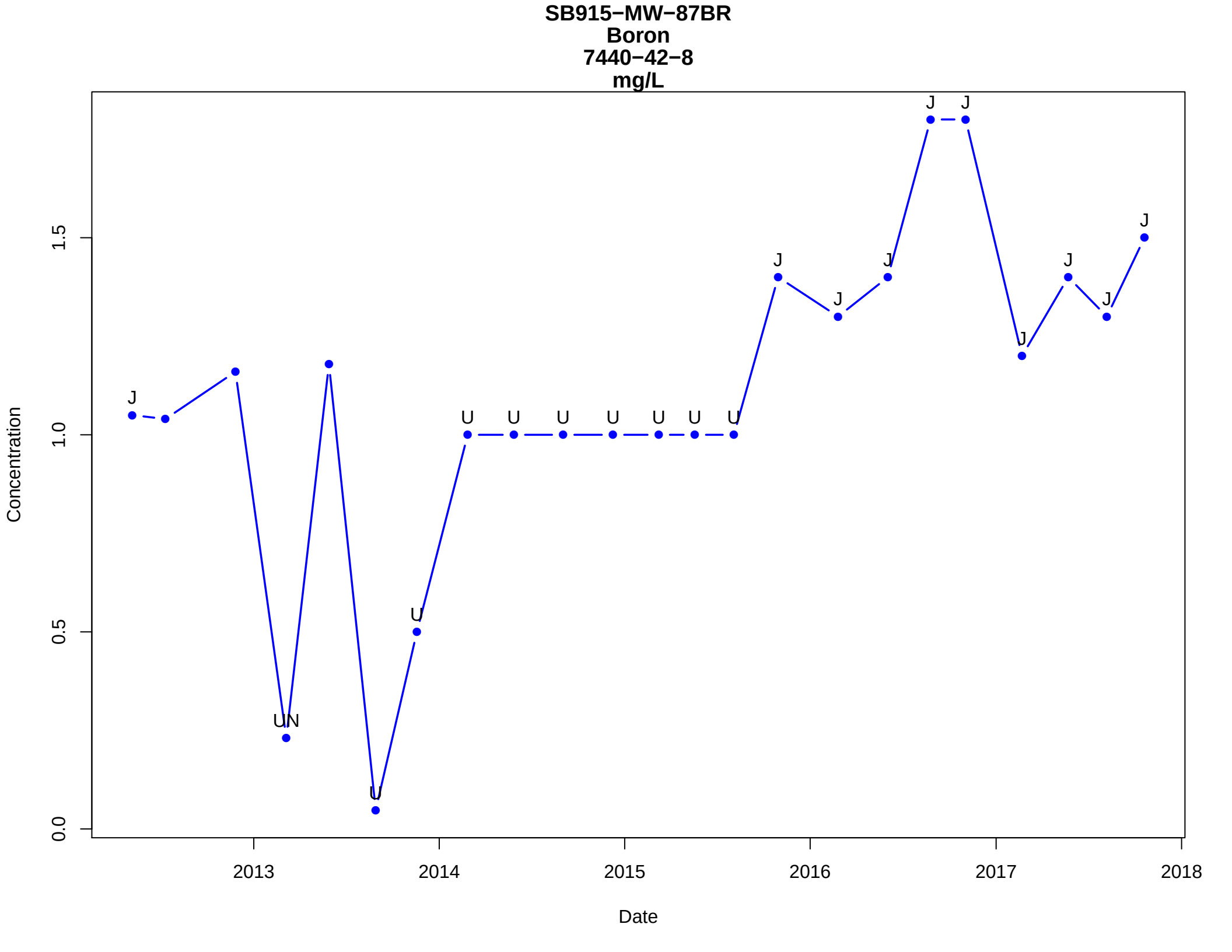

SB915−MW−85D
Barium
7440−39−3
mg/L
Concentration
36
34
32
30
28
2013
2014
2015
2016
2017
2018
Date

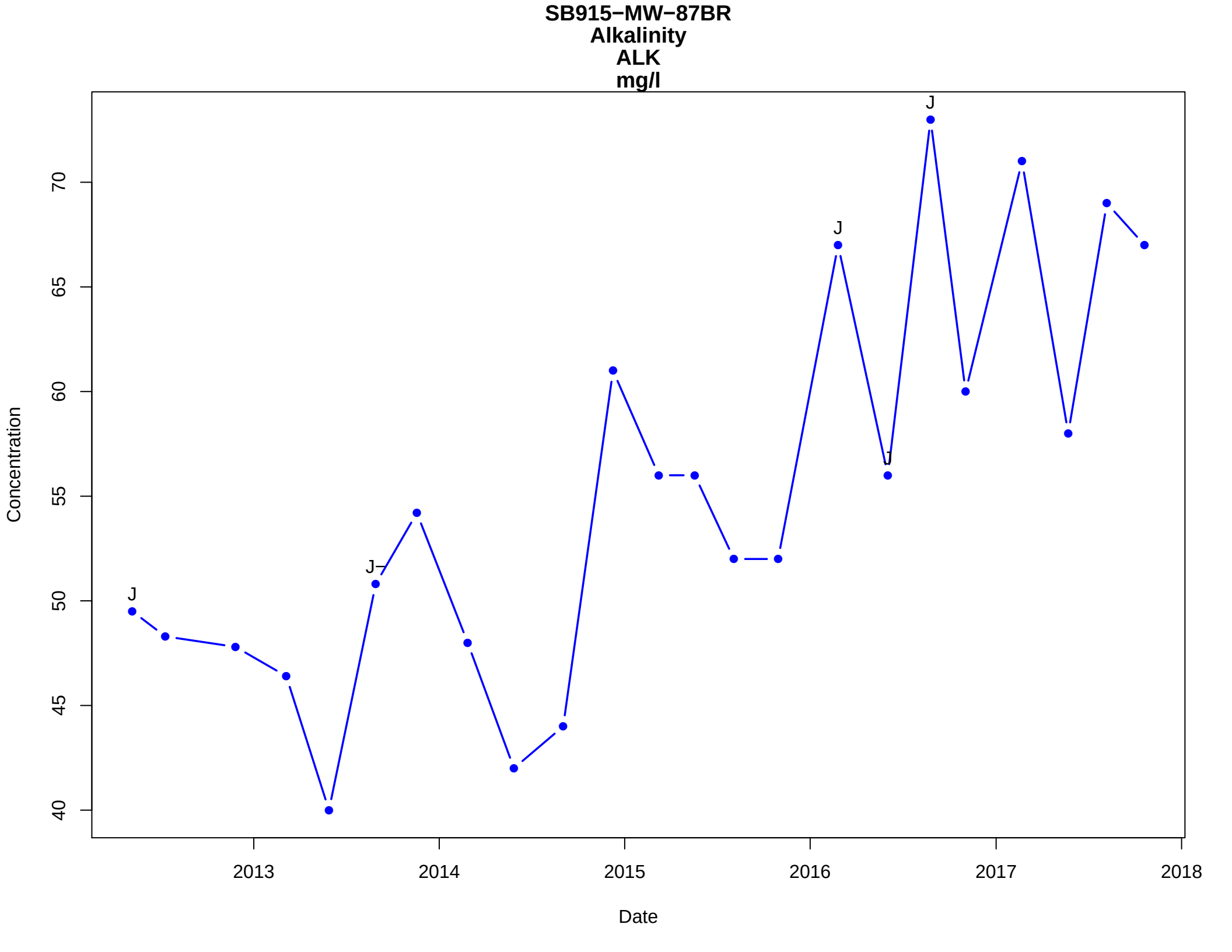

SB915−MW−85D
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
J
U
J
U
U
U
J
J
U

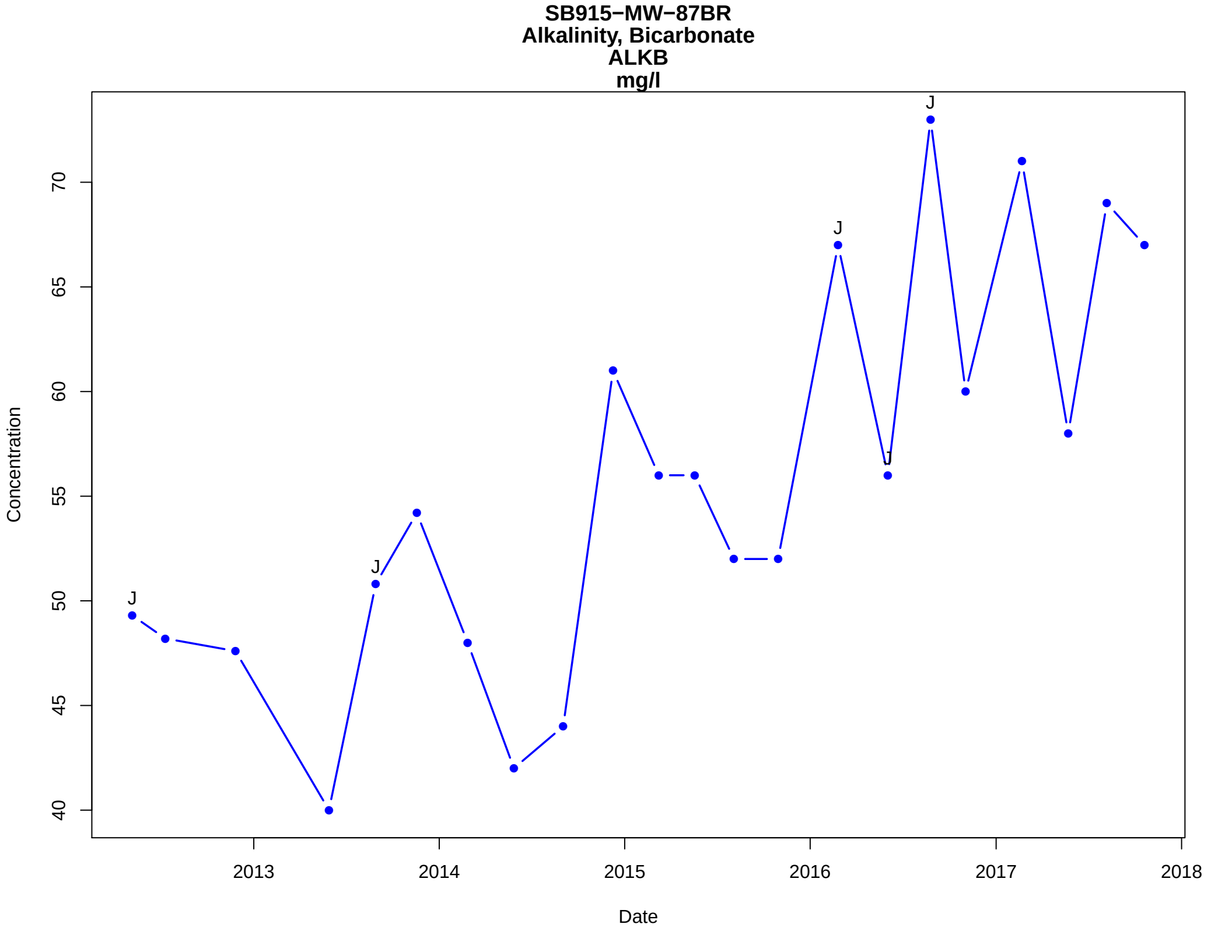

SB915−MW−85D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
2000
4000
6000
8000
10000
12000
14000
2013
2014
2015
2016
2017
2018
Date
J
J
J
J−
J−
J−
J
J−
J
J
J

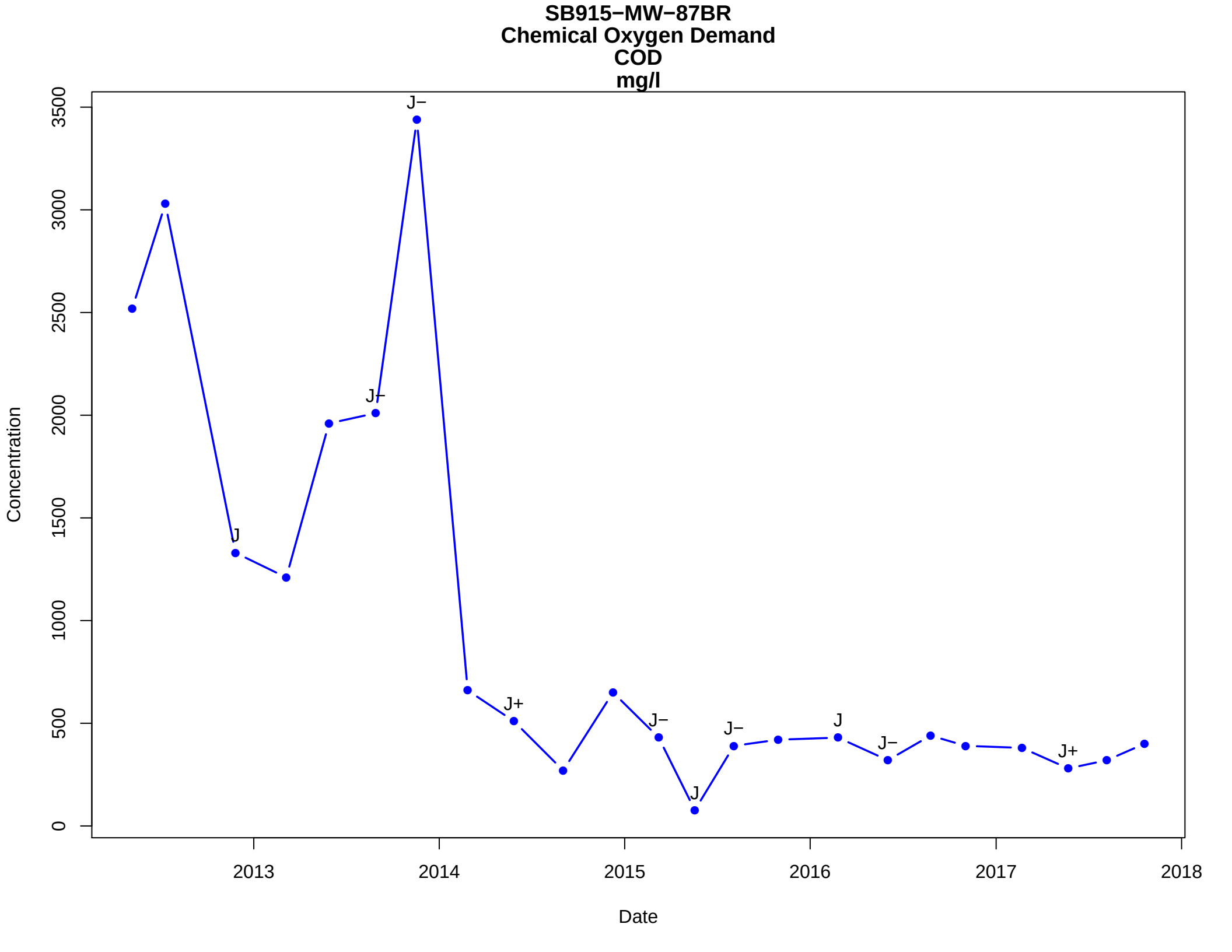

SB915−MW−85D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
2.0
1.5
1.0
J
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J
J−
J−
2013
2014
2015
2016
2017
2018
Date

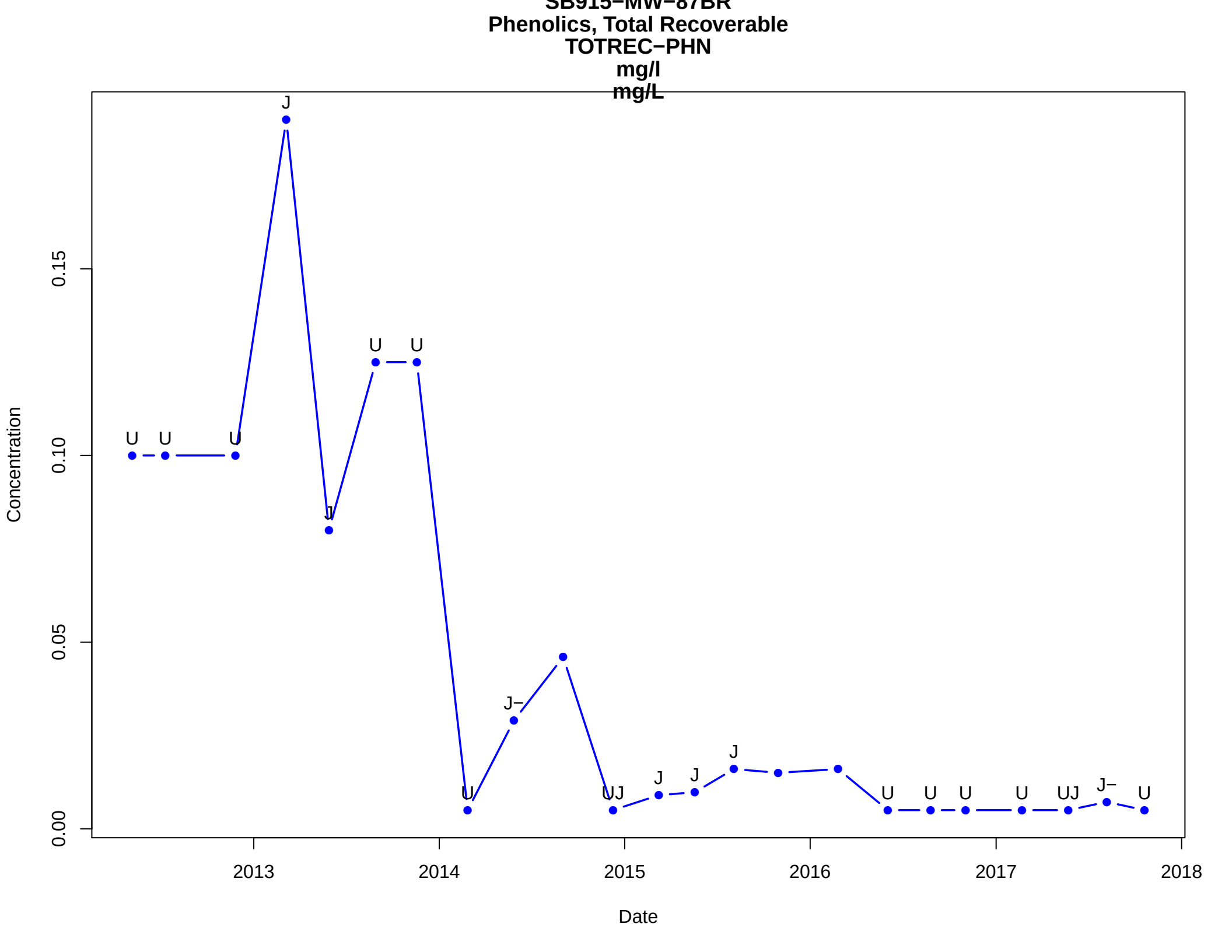

SB915−MW−87BR
Iron
7439−89−6
mg/L
Concentration
3
4
5
6
7
J
J
J
J−
J
2013
2014
2015
2016
2017
2018
Date

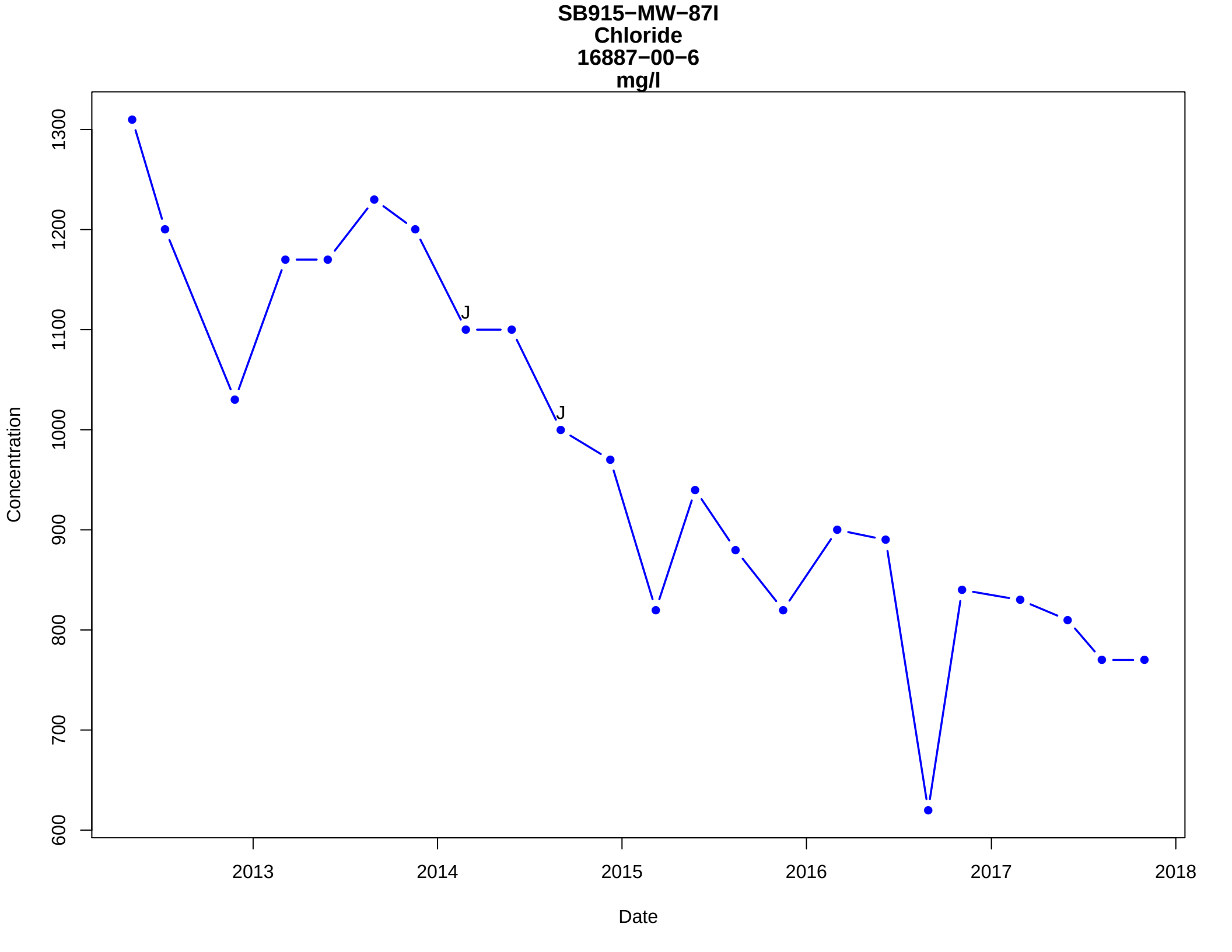

SB915−MW−87BR
Boron
7440−42−8
mg/L
Concentration
0.0
0.5
1.0
1.5
2013
2014
2015
2016
2017
2018
Date
J
J
UN
J
U
U
U
U
U
U
U
J
J
J
J
J
J
J
J

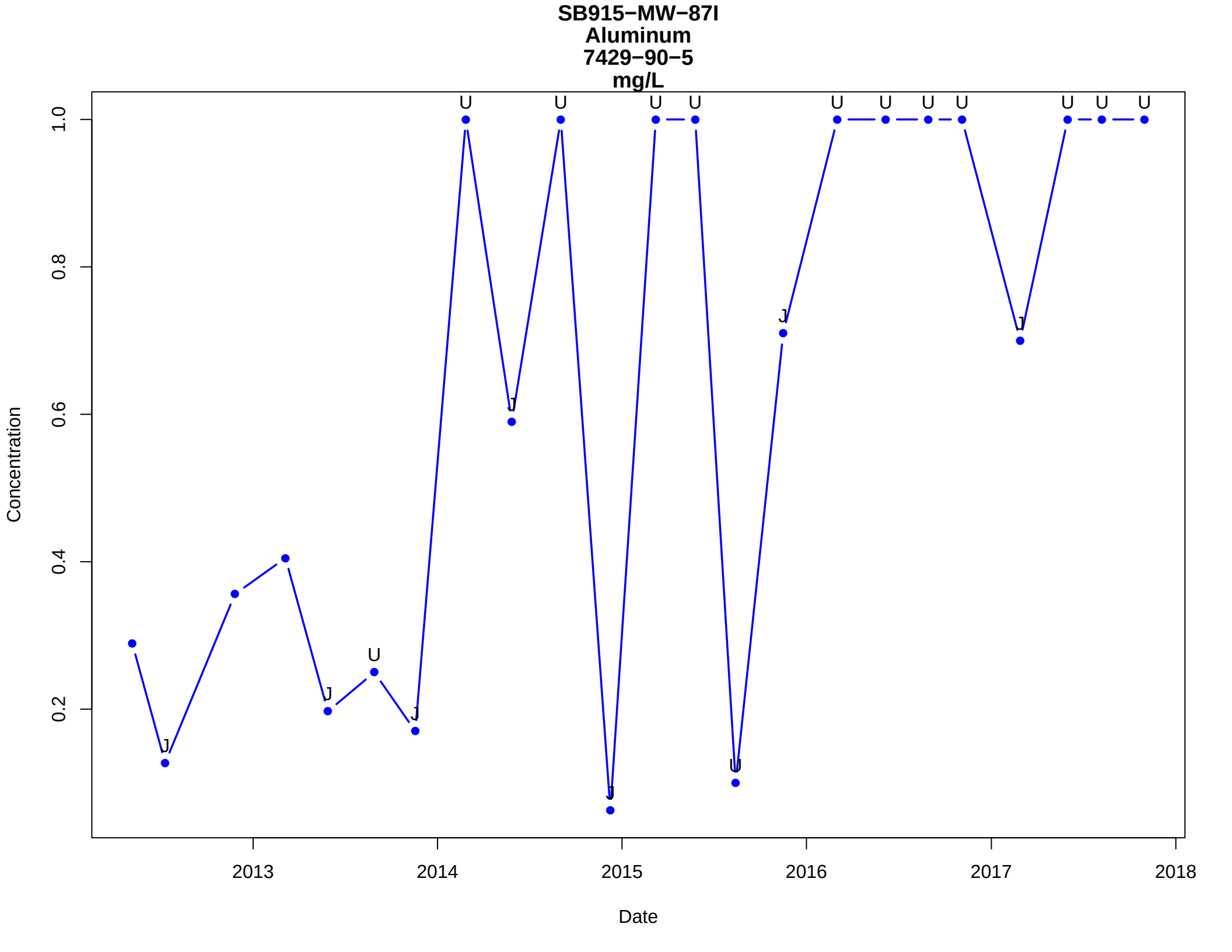

SB915−MW−87BR
Alkalinity
ALK
mg/l
Concentration
Date
40
45
50
55
60
65
70
2013
2014
2015
2016
2017
2018
J
J
J
J
J

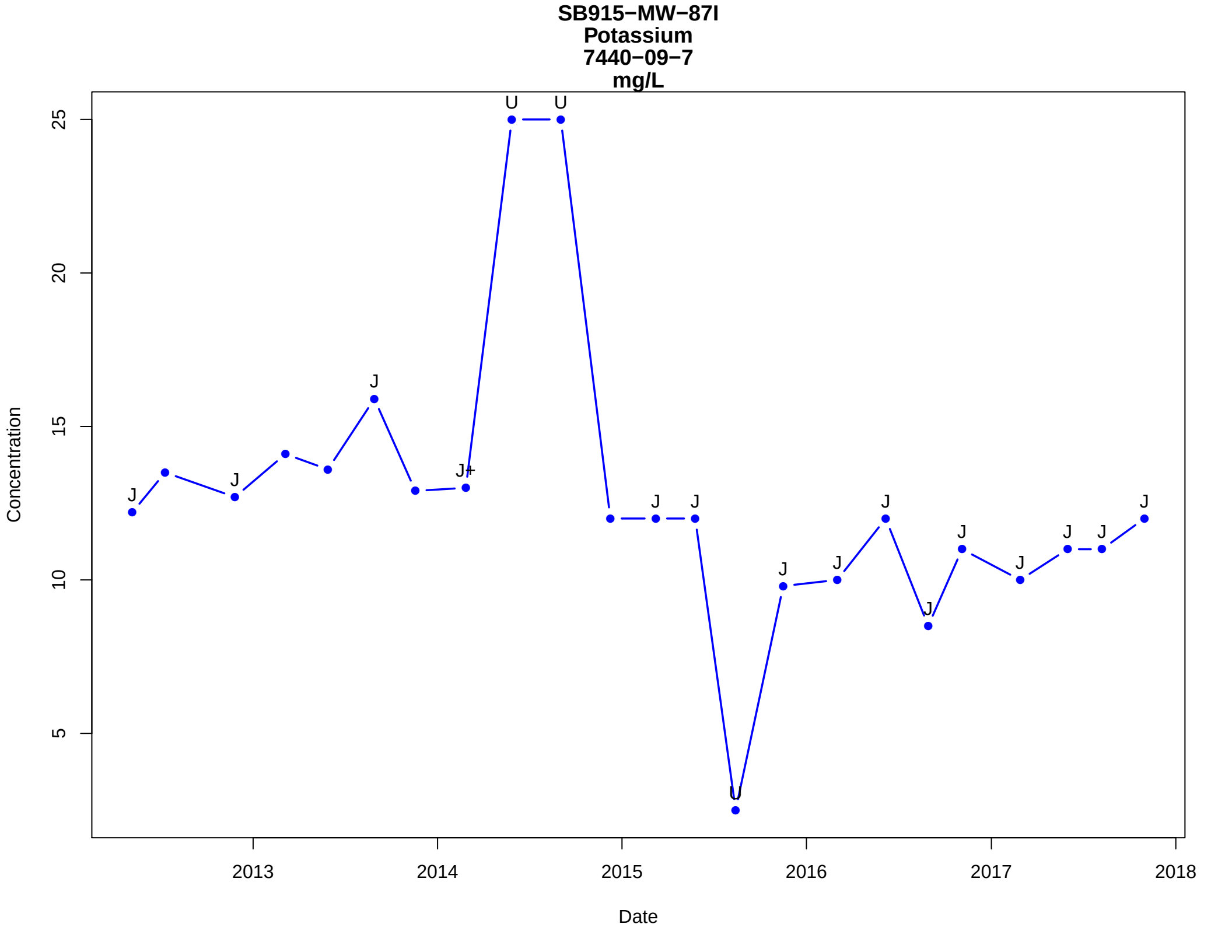

SB915−MW−87BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
Date
40
45
50
55
60
65
70
2013
2014
2015
2016
2017
2018
J
J
J
J
J

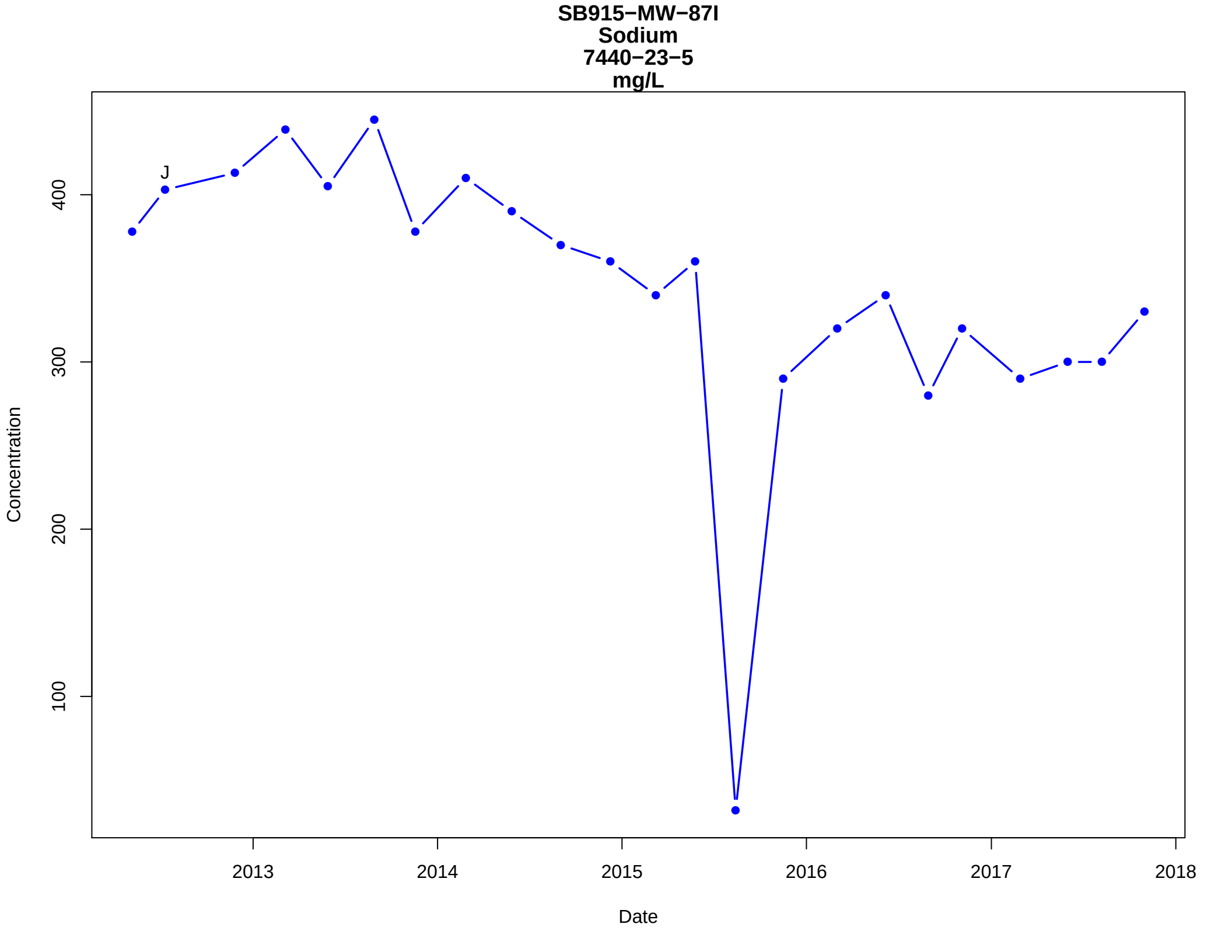

SB915−MW−87BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
3500
J−
J
J−
J+
J−
J
J−
J
J−
J+
2013
2014
2015
2016
2017
2018
Date

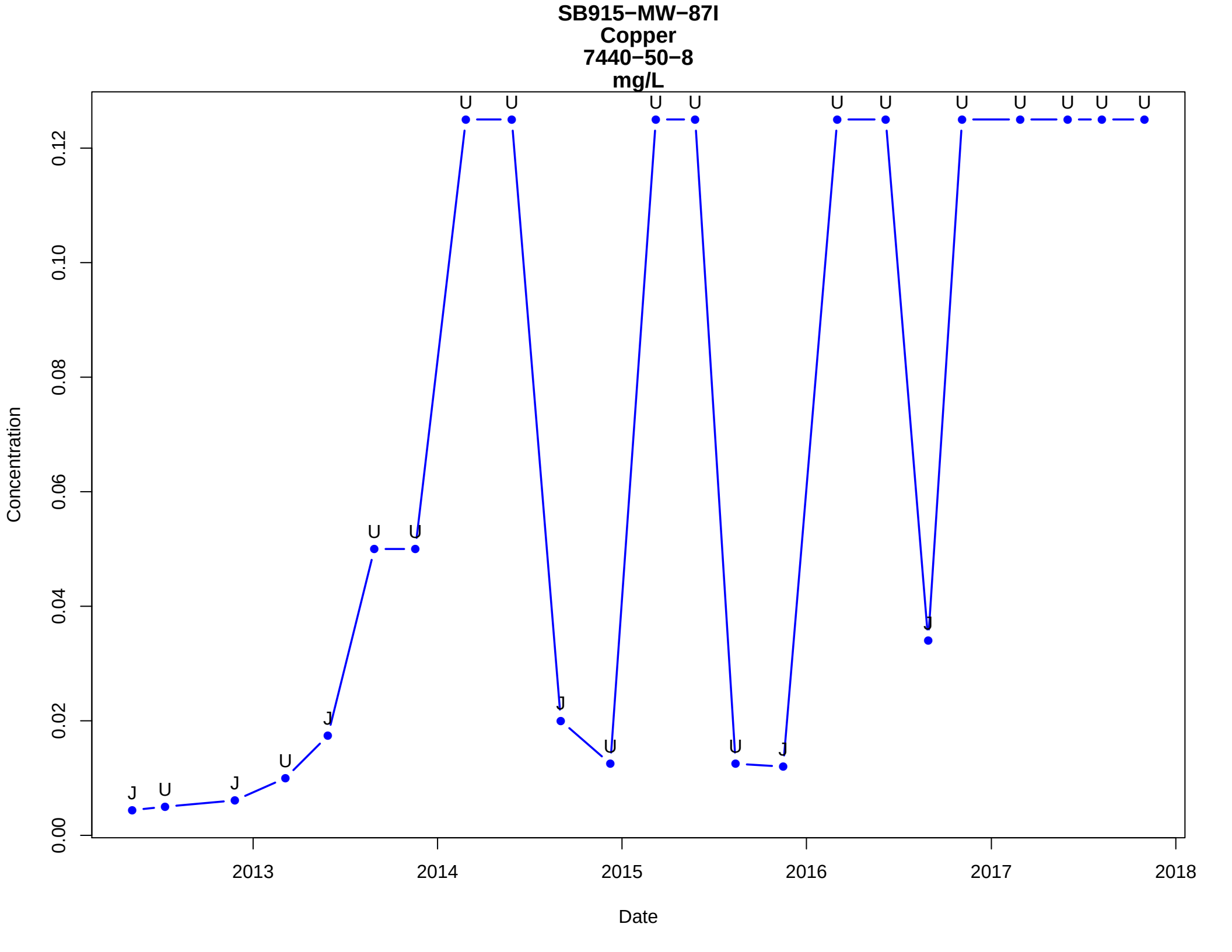

SB915−MW−87BR
Phenolics, Total Recoverable
TOTREC−PHN
mg/l
mg/L
Concentration
0.00
0.05
0.10
0.15
2013
2014
2015
2016
2017
2018
Date
U U U J J U U U J− J UJ J J J U U U U UJ J− U


SB915−MW−87I
Chloride
16887−00−6
mg/l
Concentration
1300
1200
1100
1000
900
800
700
600
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−87I
Aluminum
7429−90−5
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
U
U
U
J
J
J
J
J
J
J
J
J


SB915−MW−87I
Potassium
7440−09−7
mg/L
Concentration
Date
5
10
15
20
25
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J+
U
U
J
J
U
J
J
J
J
J
J
J
J


SB915−MW−87I
Sodium
7440−23−5
mg/L
J
Concentration
100
200
300
400
2013
2014
2015
2016
2017
2018
Date


SB915−MW−87I
Copper
7440−50−8
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
2013
2014
2015
2016
2017
2018
Date
J
U
J
U
J
U
U
U
U
U
J
U
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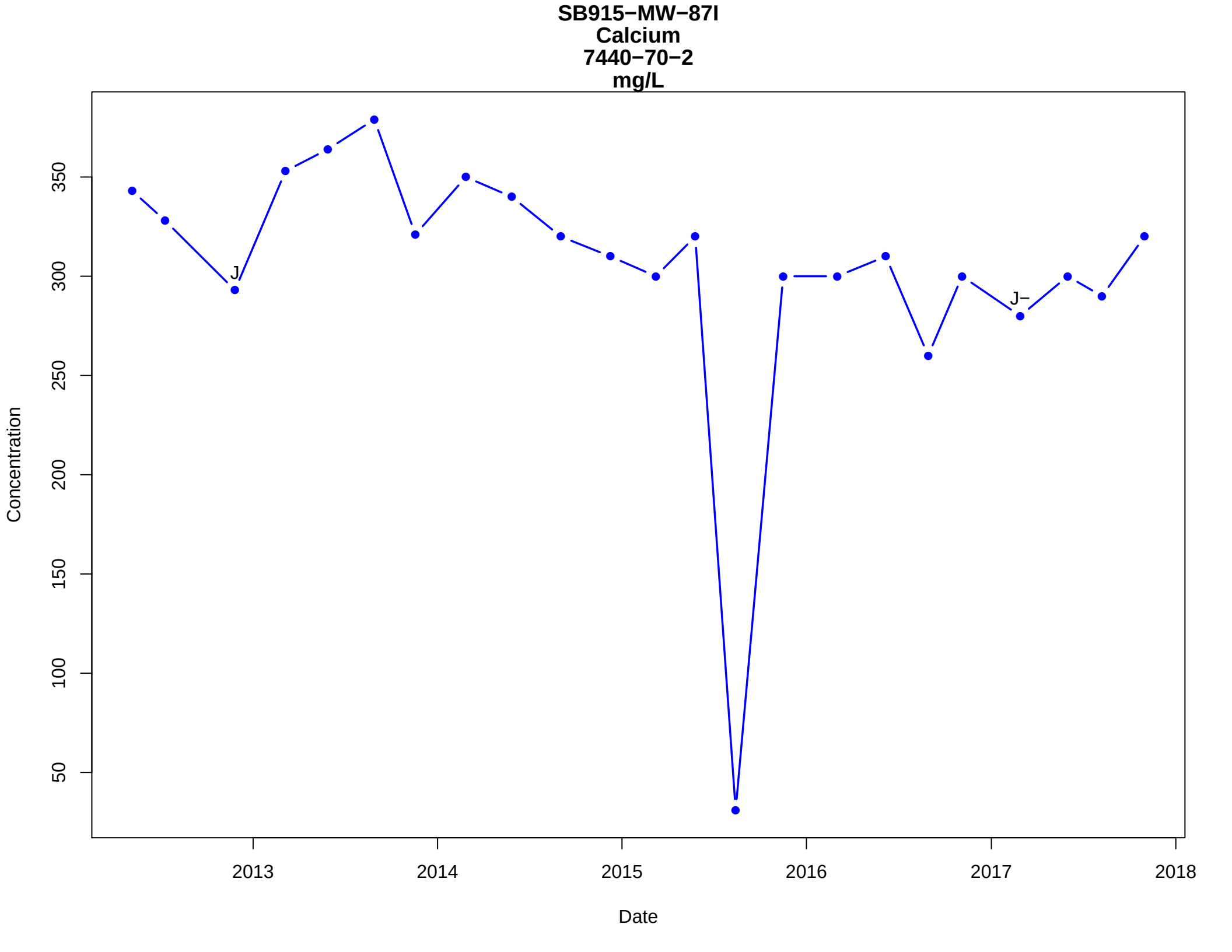
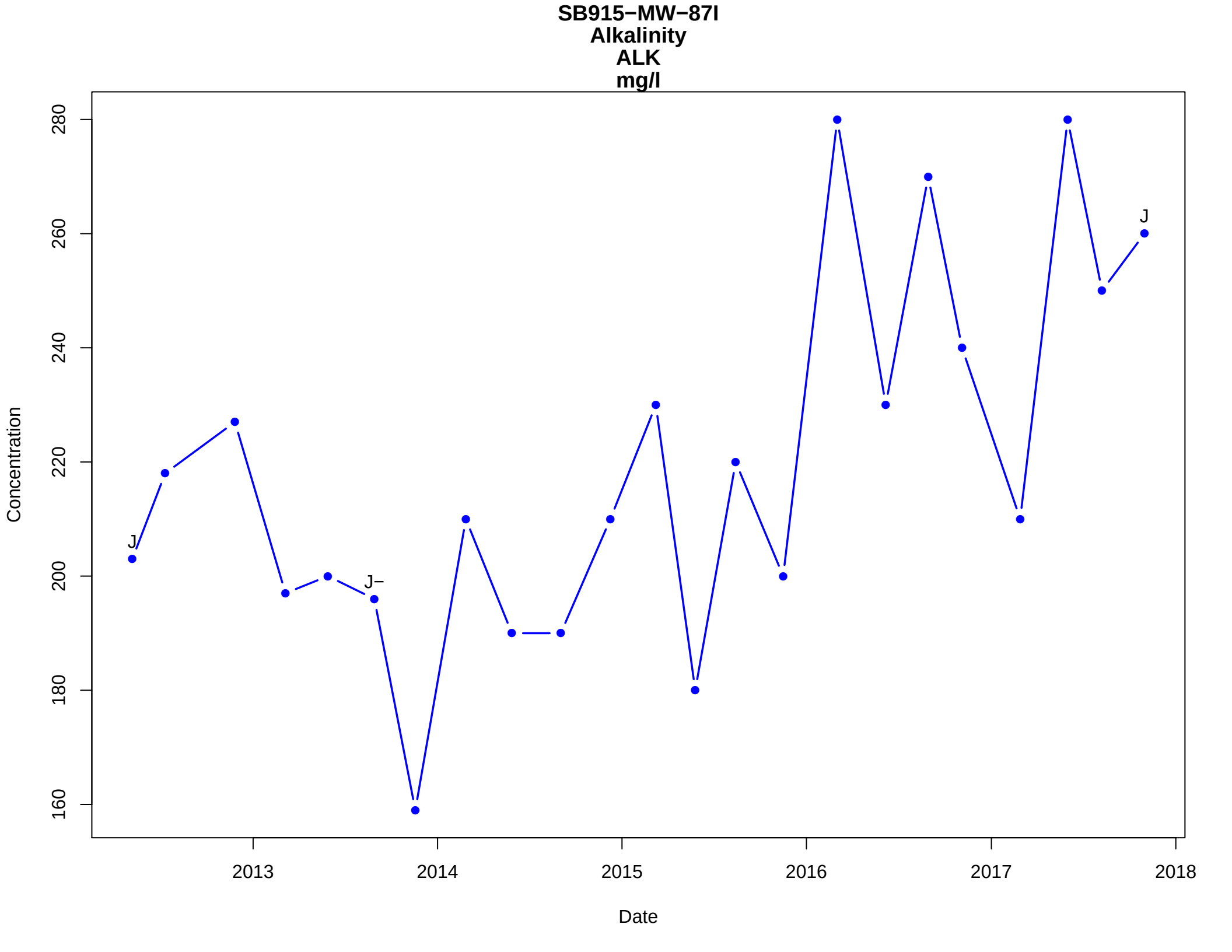
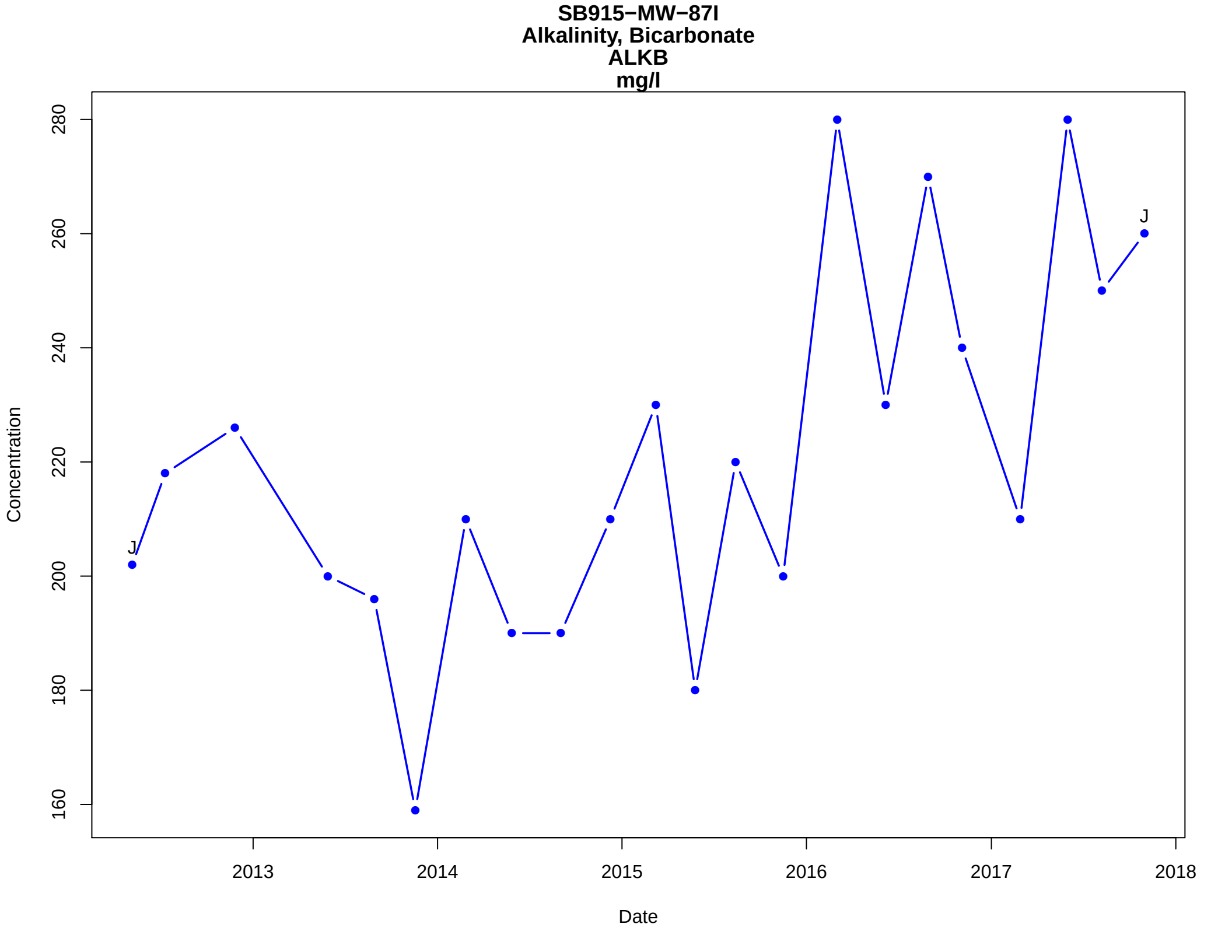
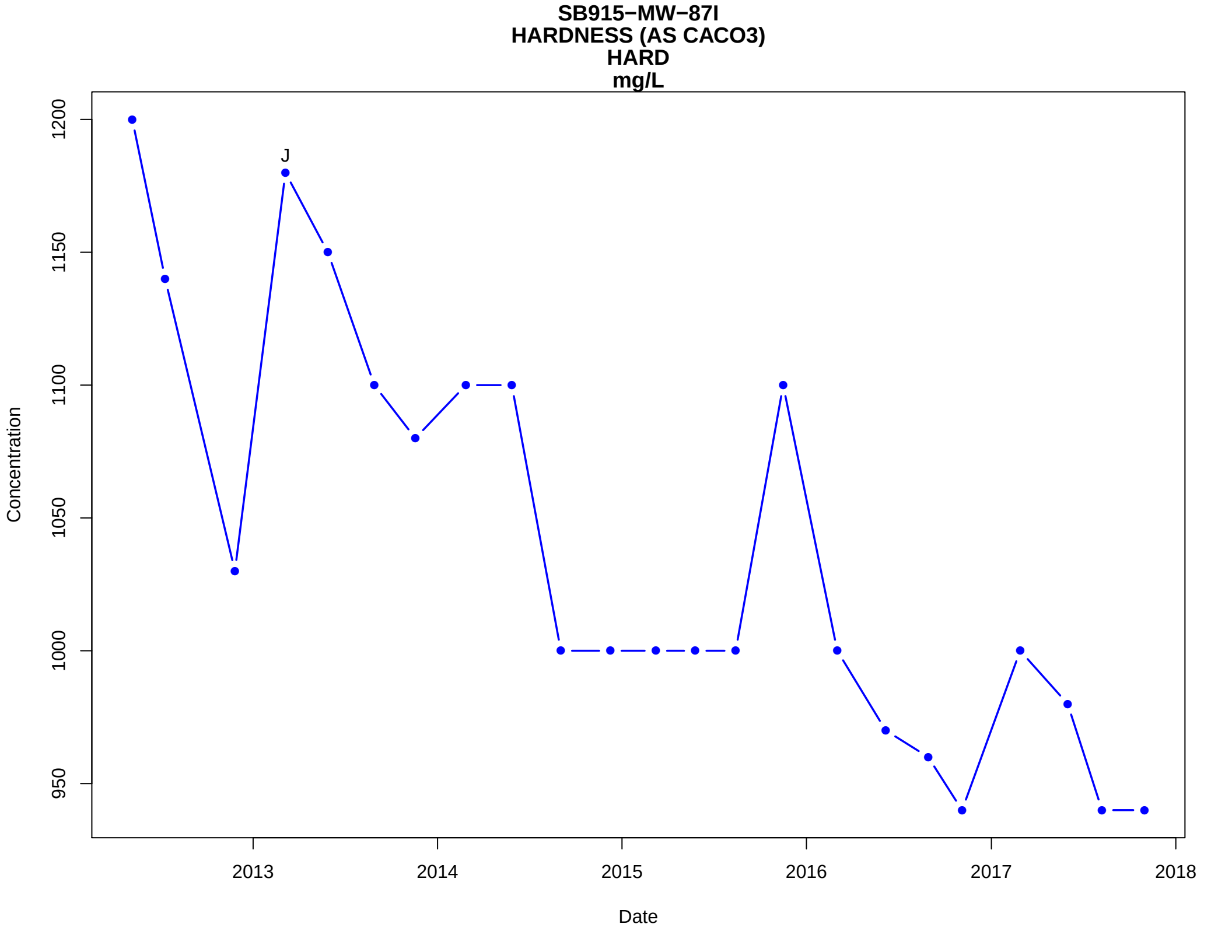
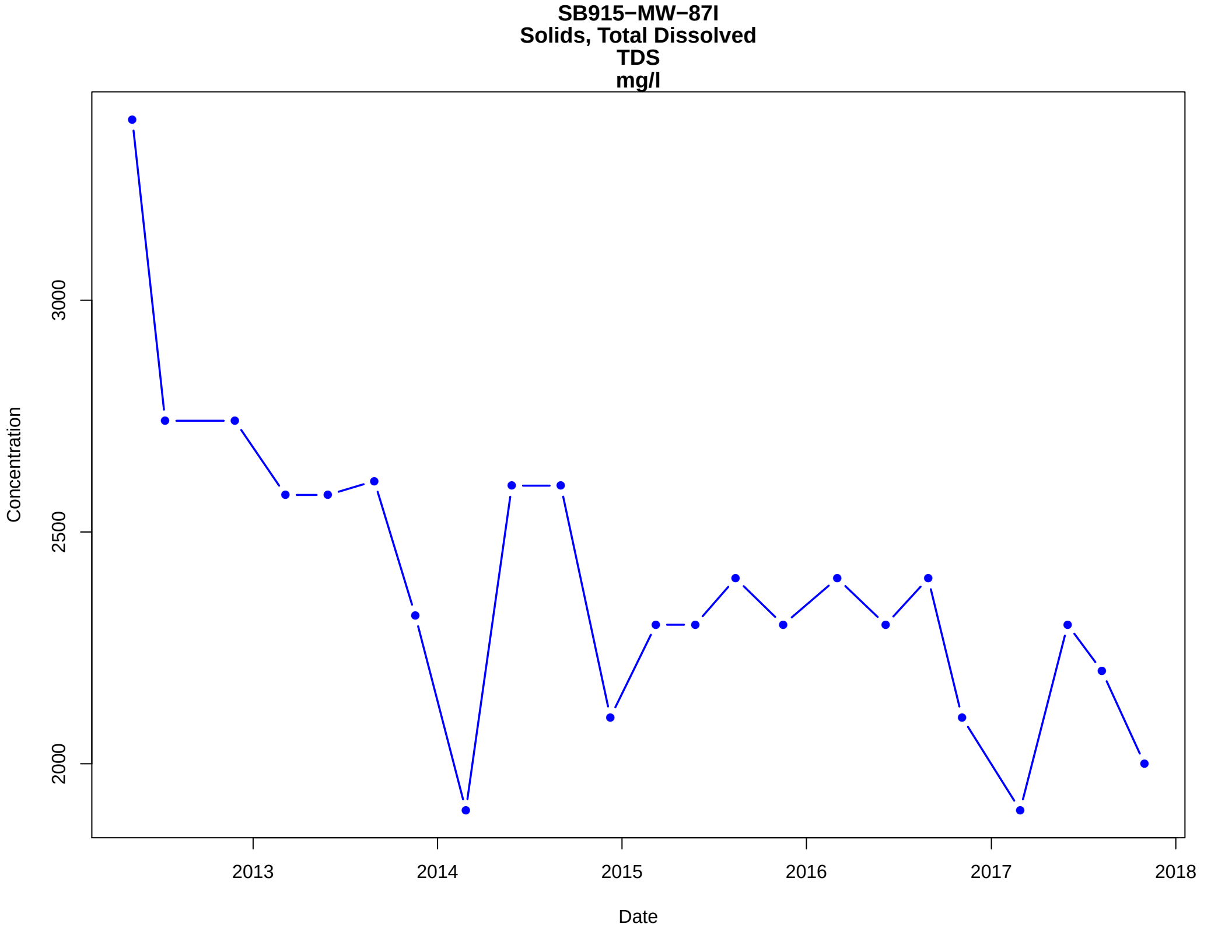
U
U
U

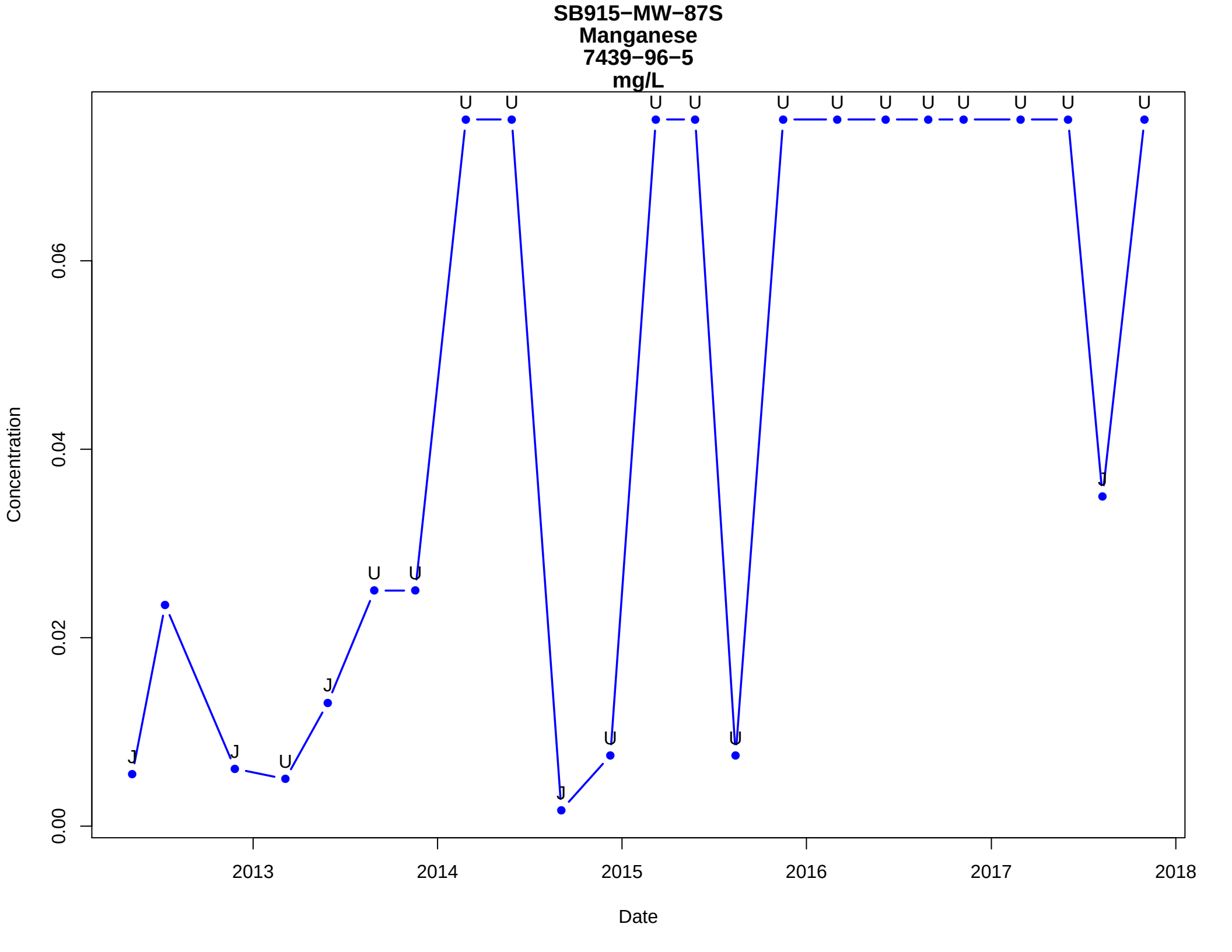

SB915−MW−87I
Calcium
7440−70−2
mg/L
Concentration
50
100
150
200
250
300
350
J
J−
2013
2014
2015
2016
2017
2018
Date

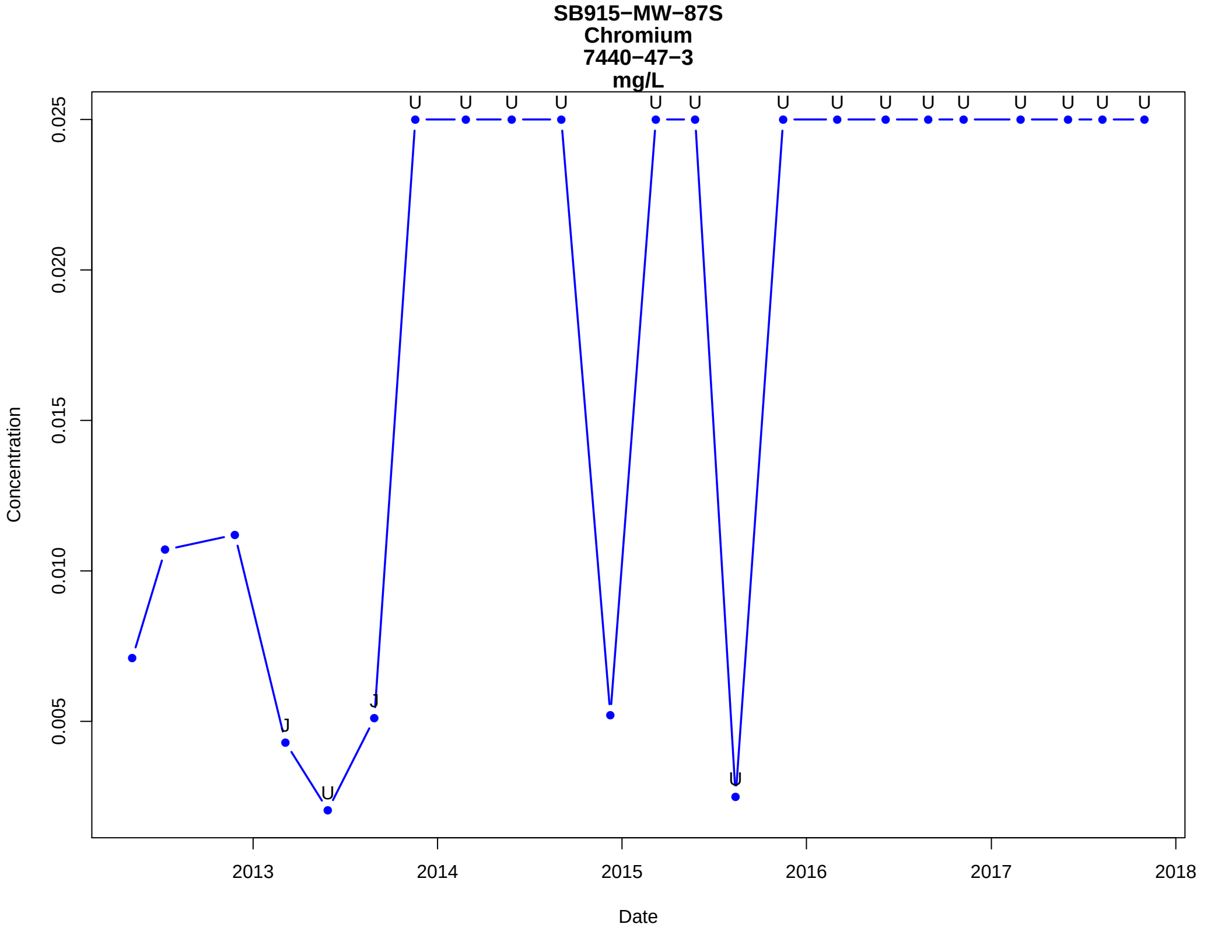

SB915−MW−87I
Alkalinity
ALK
mg/l
Concentration
160
180
200
220
240
260
280
J
J−
J
2013
2014
2015
2016
2017
2018
Date

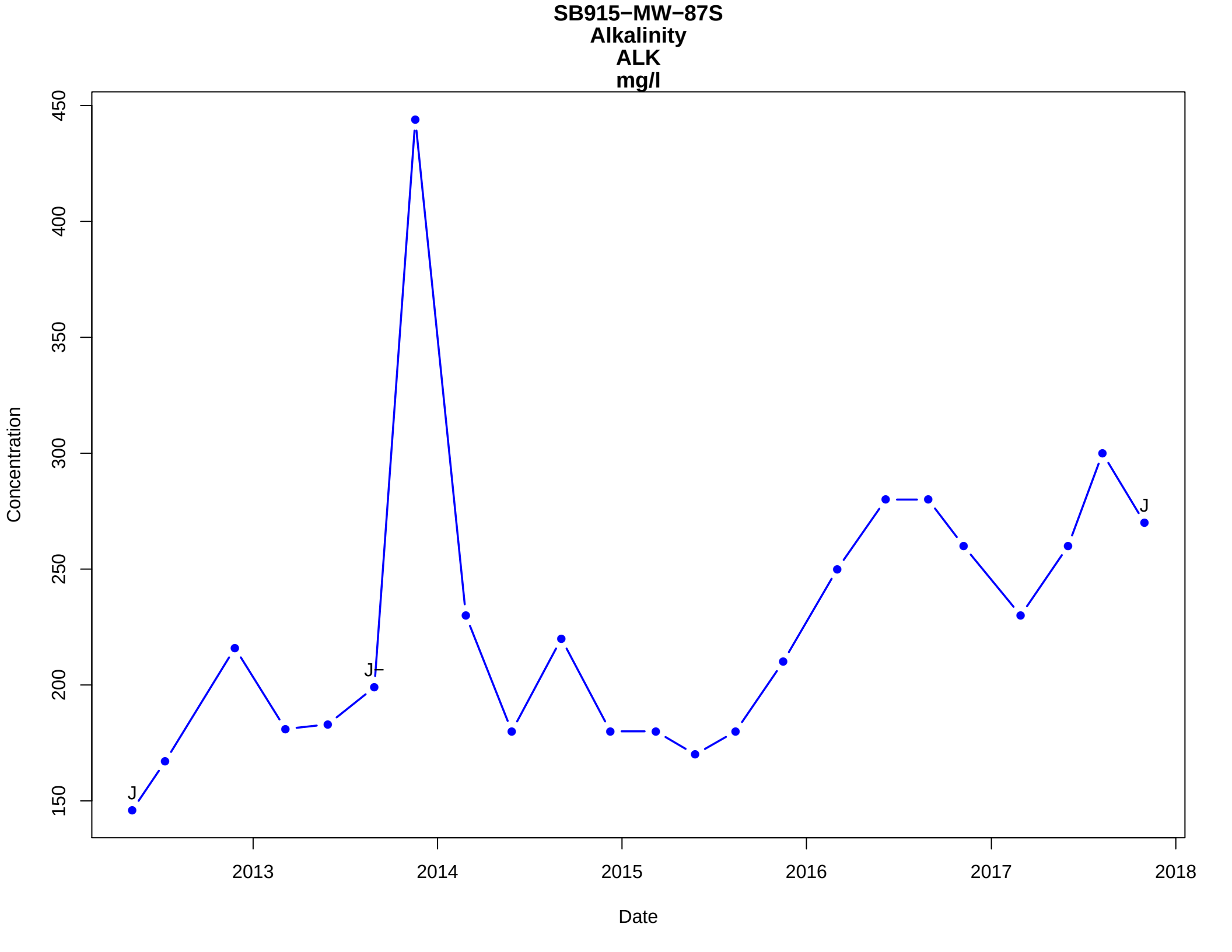

SB915−MW−87I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
160
180
200
220
240
260
280
J
J
2013
2014
2015
2016
2017
2018
Date

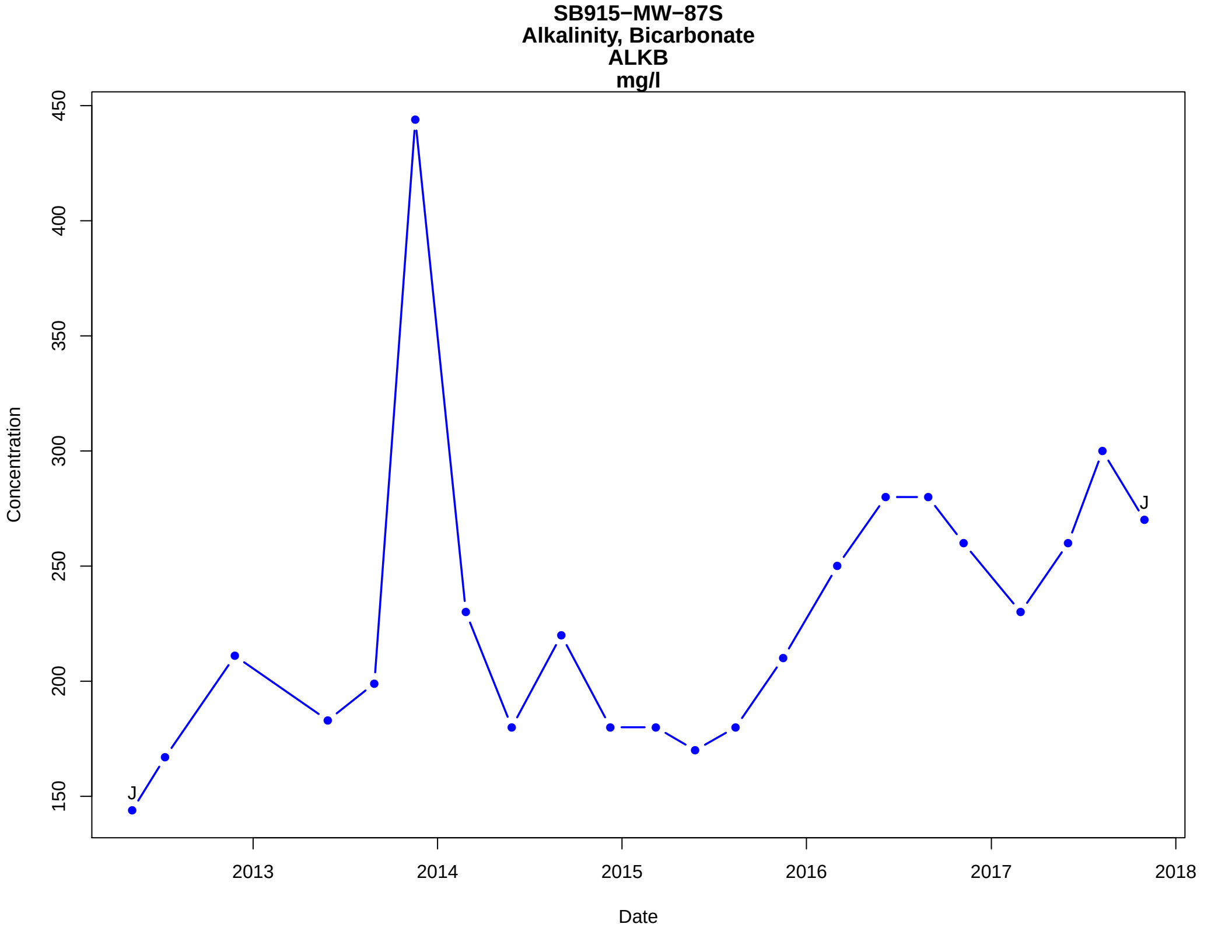

SB915−MW−87I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
1200
1150
1100
1050
1000
950
J
2013
2014
2015
2016
2017
2018
Date

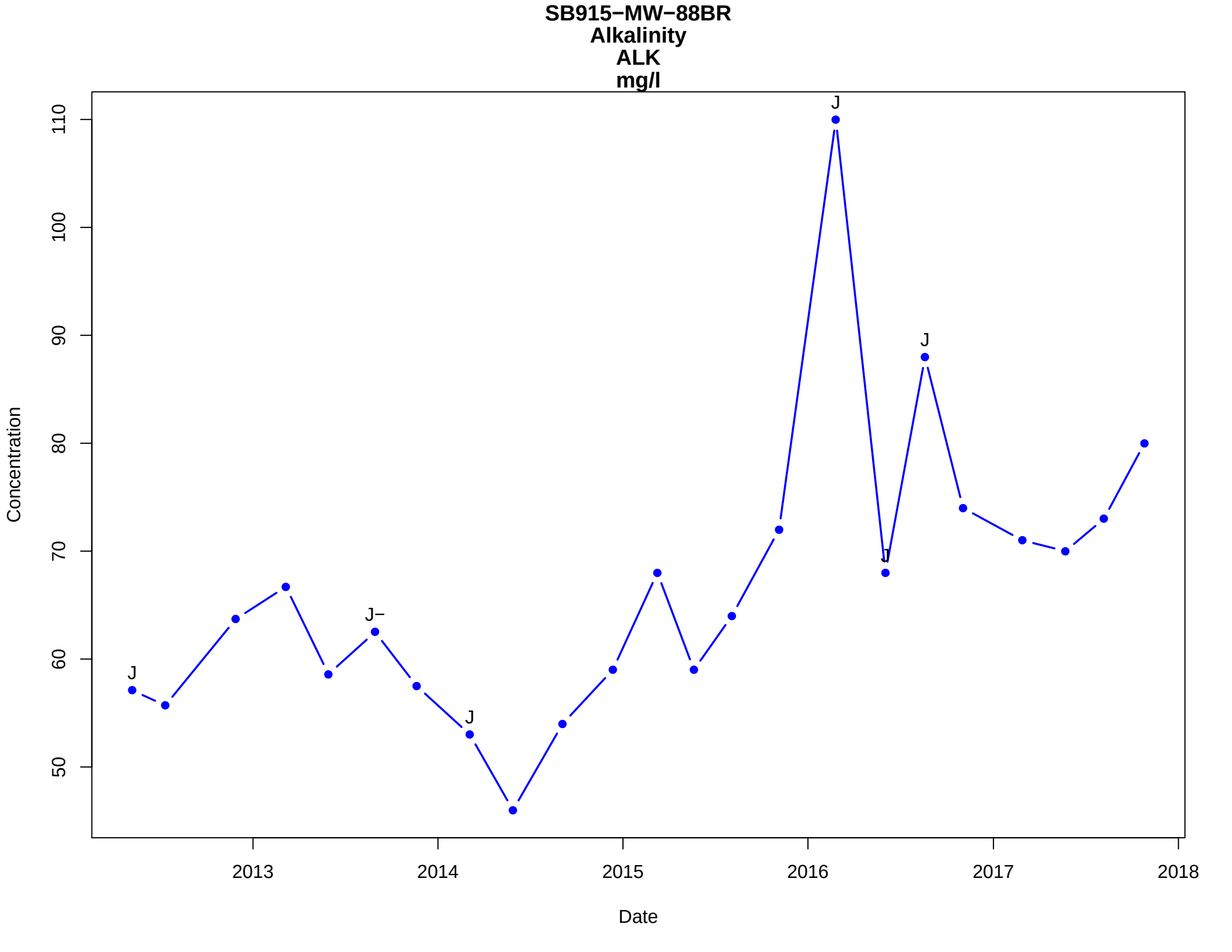

SB915−MW−87I
Solids, Total Dissolved
TDS
mg/l
Concentration
3000
2500
2000
2013
2014
2015
2016
2017
2018
Date

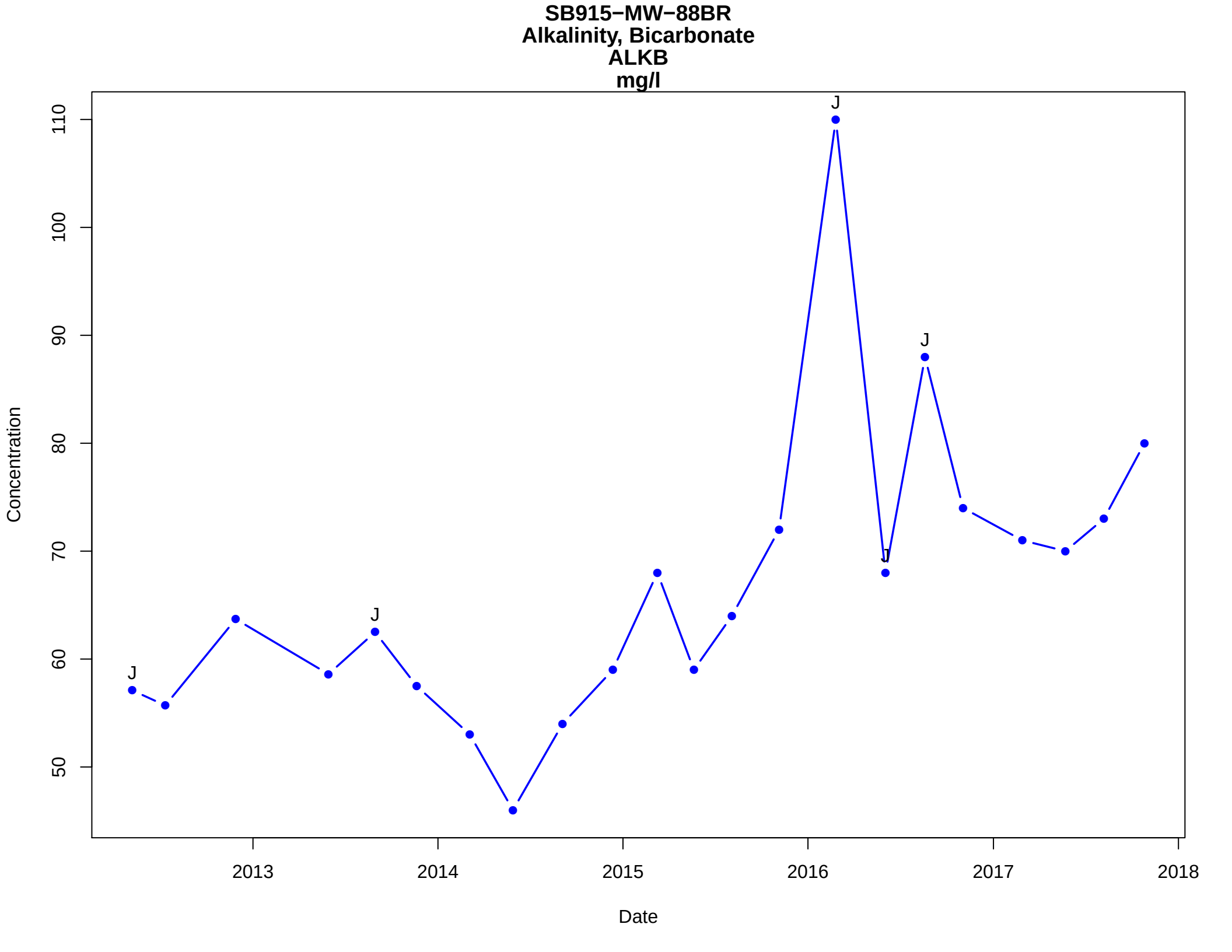

SB915−MW−87S
Manganese
7439−96−5
mg/L
Concentration
0.00
0.02
0.04
0.06
2013
2014
2015
2016
2017
2018
Date
J
J
U
J
U
U
U
U
U
J
U
U
U
U
U
U
U
U
U
U
U
J
U

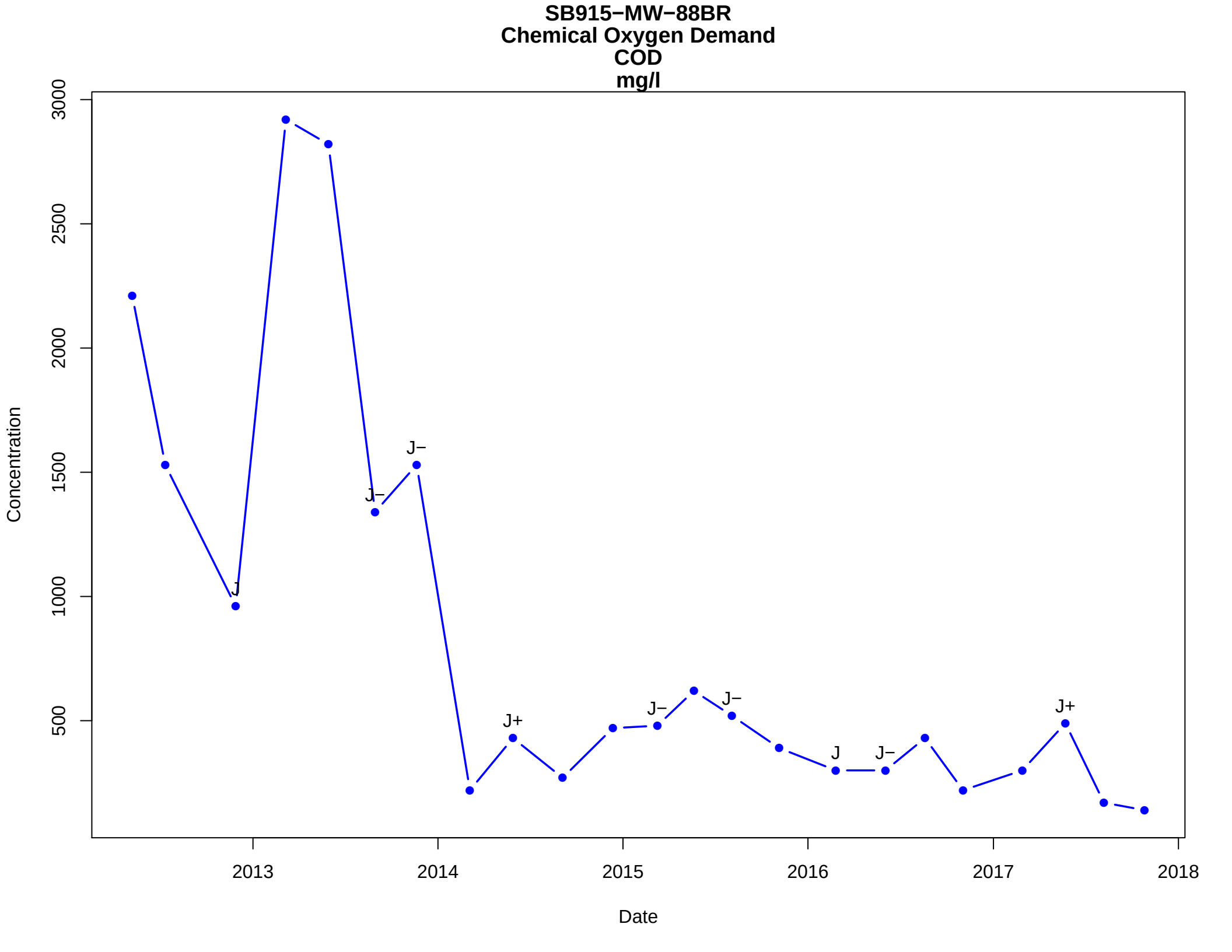

SB915−MW−87S
Chromium
7440−47−3
mg/L
Concentration
0.005
0.010
0.015
0.020
0.025
U
J
2013
2014
2015
2016
2017
2018
Date

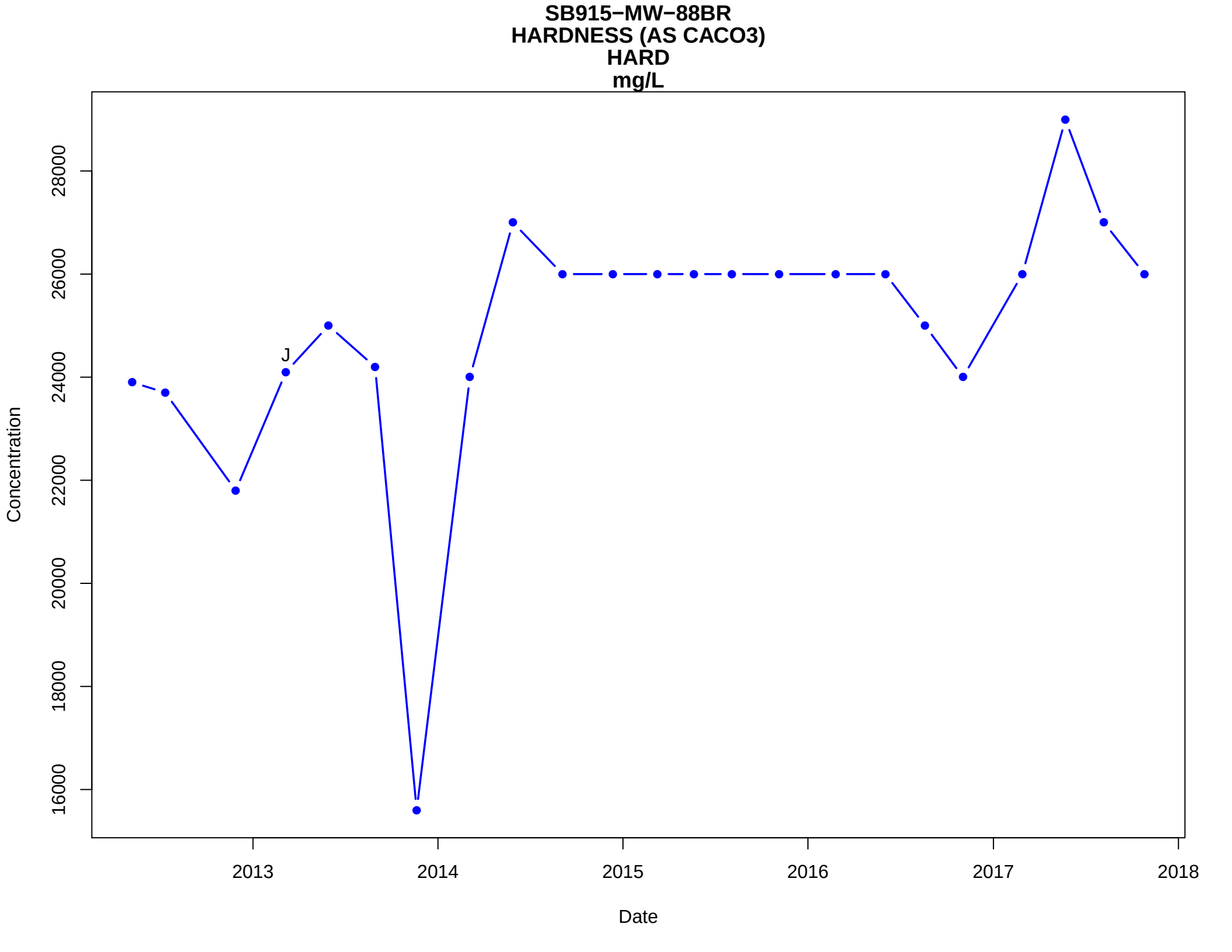

SB915−MW−87S
Alkalinity
ALK
mg/l
Concentration
150
200
250
300
350
400
450
J
J
J
2013
2014
2015
2016
2017
2018
Date

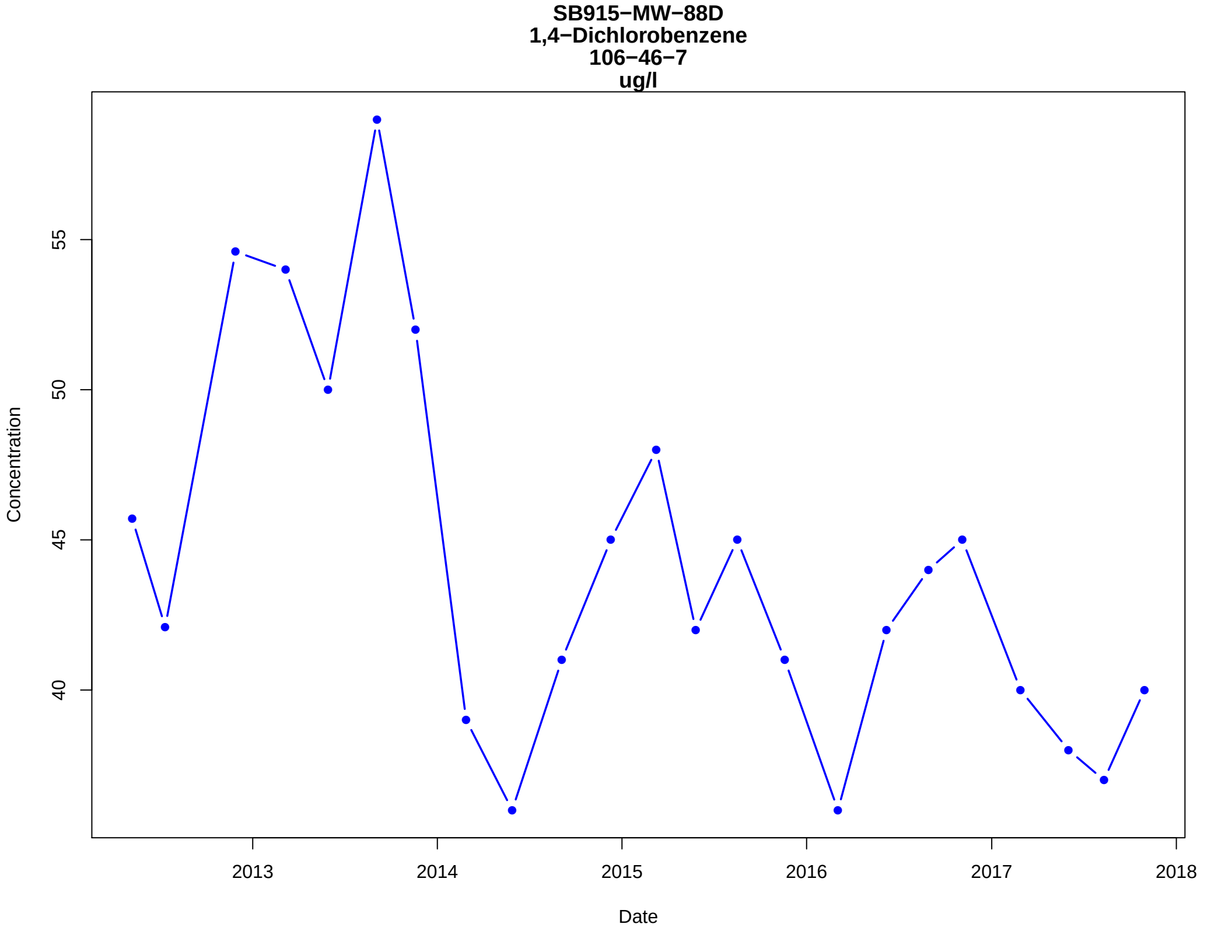

SB915−MW−87S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
150
200
250
300
350
400
450
J
J
2013
2014
2015
2016
2017
2018
Date

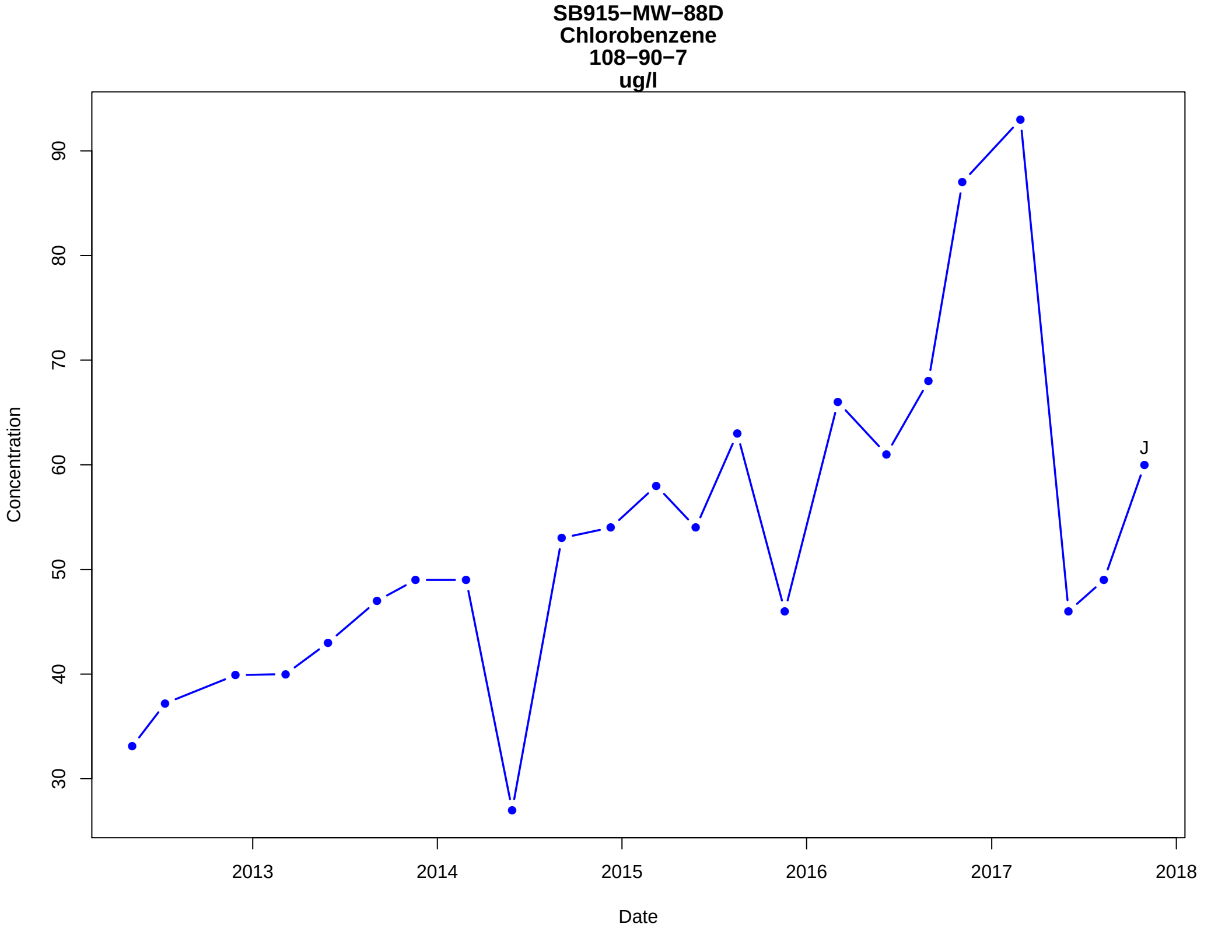

SB915−MW−88BR
Alkalinity
ALK
mg/l
Concentration
Date
50
60
70
80
90
100
110
2013
2014
2015
2016
2017
2018
J
J−
J
J
J
J

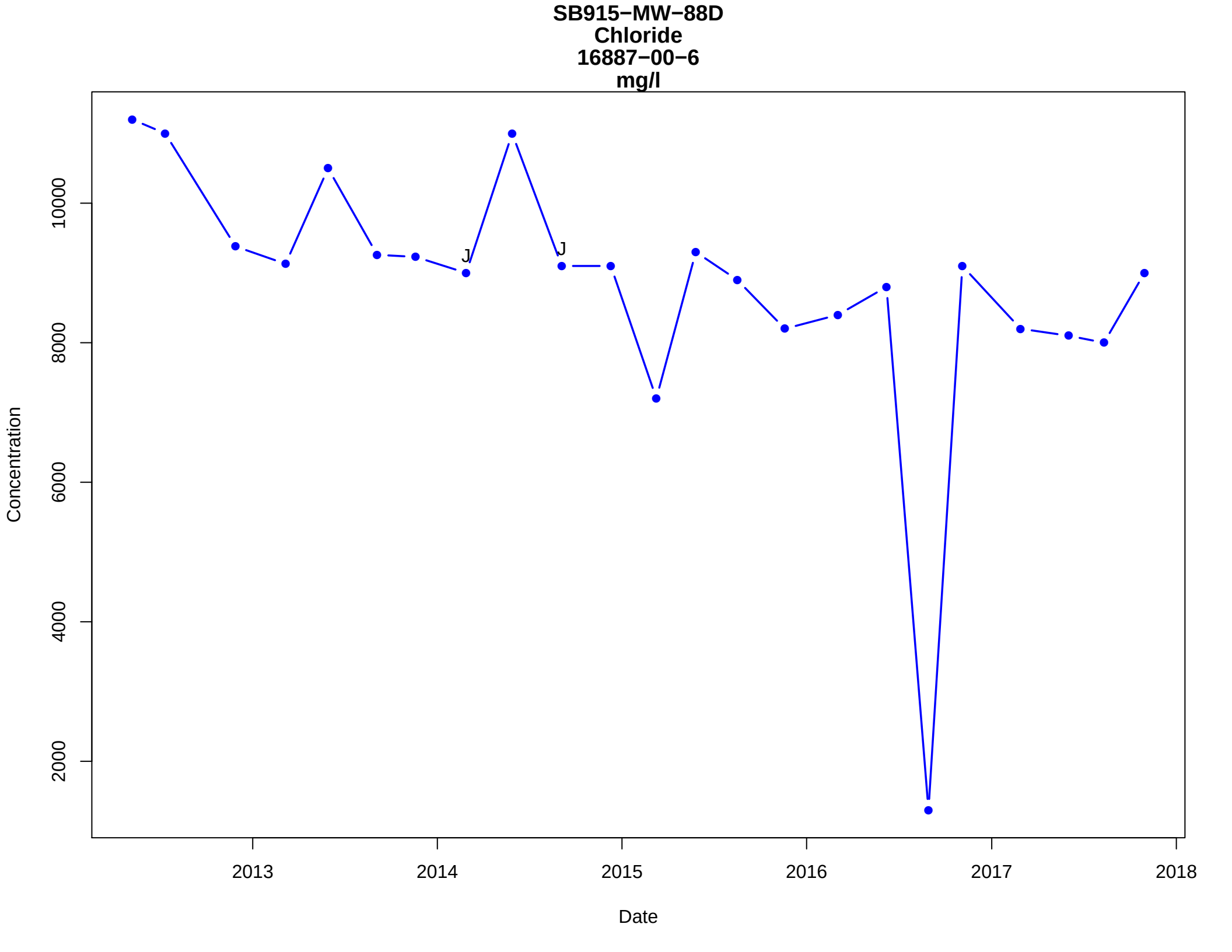

SB915−MW−88BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
Date
50
60
70
80
90
100
110
2013
2014
2015
2016
2017
2018
J
J
J
J

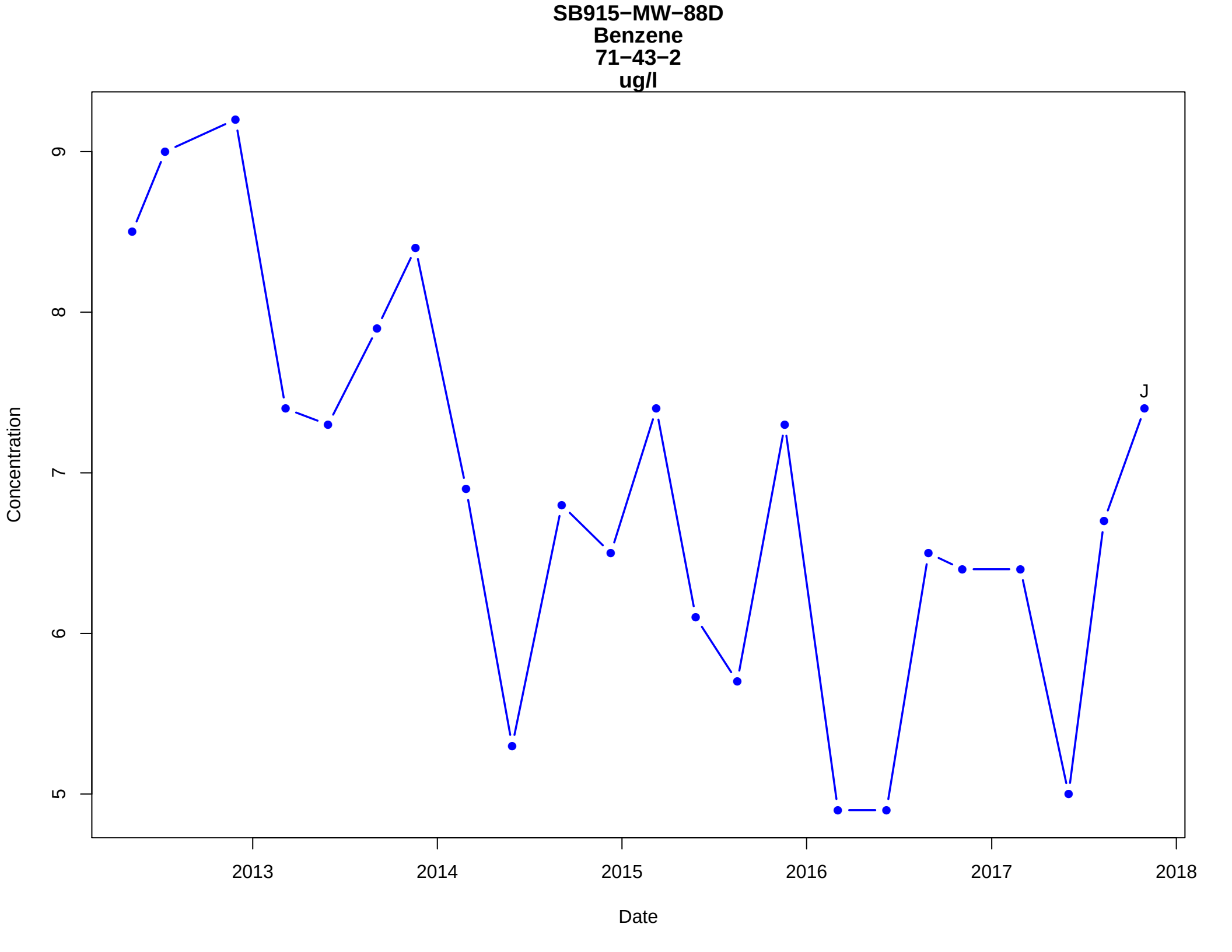

SB915−MW−88BR
Chemical Oxygen Demand
COD
mg/l
Concentration
3000
2500
2000
1500
1000
500
J
J−
J−
J+
J−
J−
J
J−
J+
2013
2014
2015
2016
2017
2018
Date

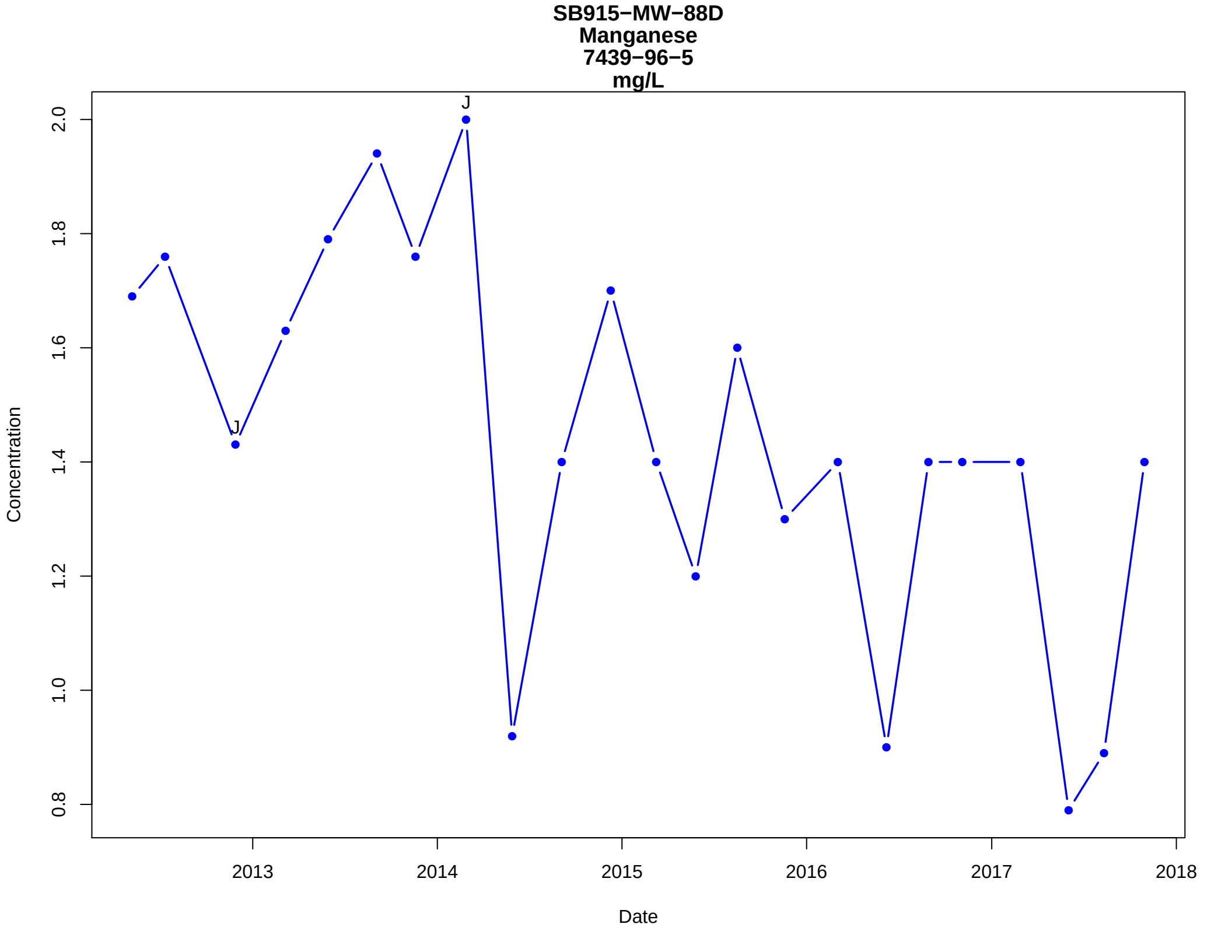

SB915−MW−88BR
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
16000
18000
20000
22000
24000
26000
28000
J
2013
2014
2015
2016
2017
2018
Date

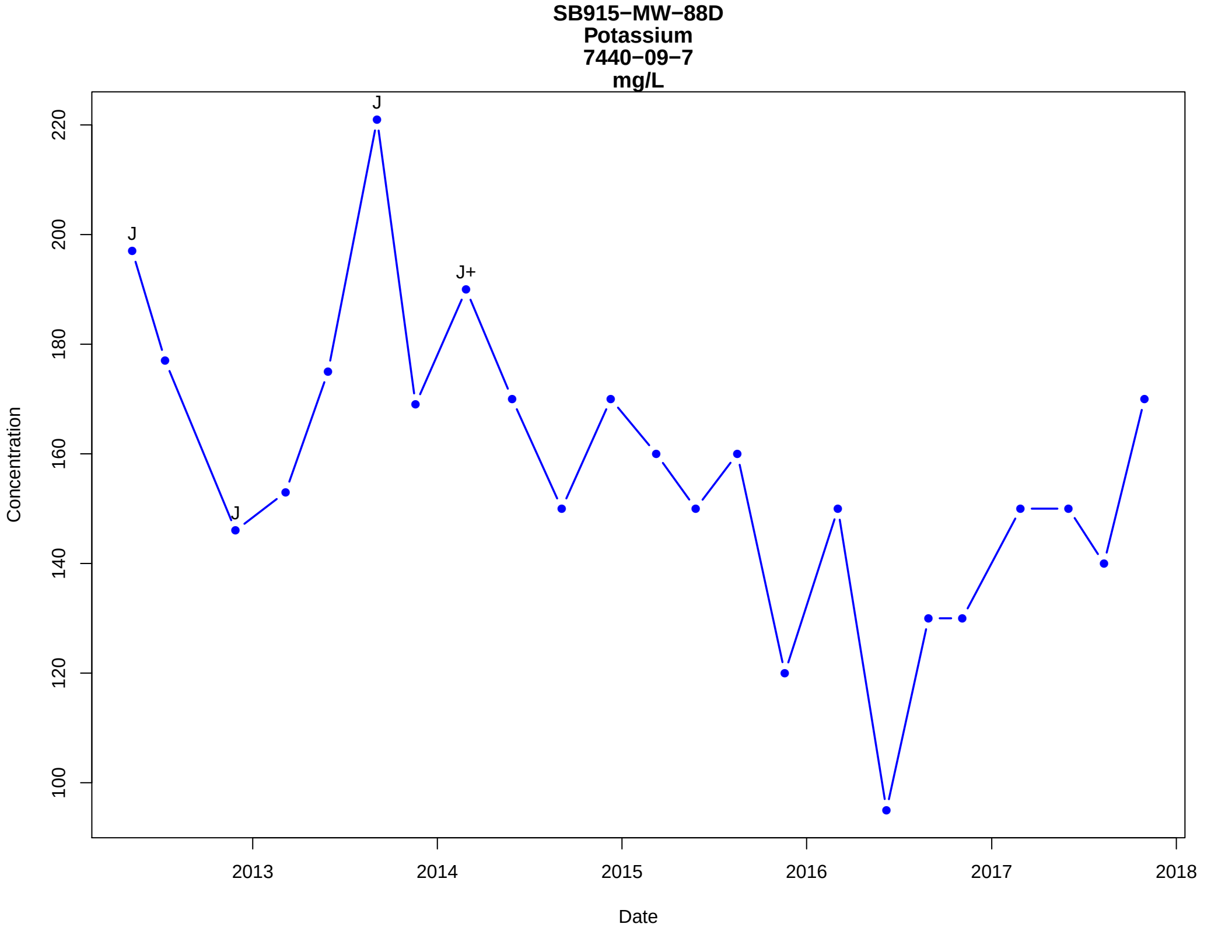

SB915−MW−88D
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
40
45
50
55
2013
2014
2015
2016
2017
2018
Date

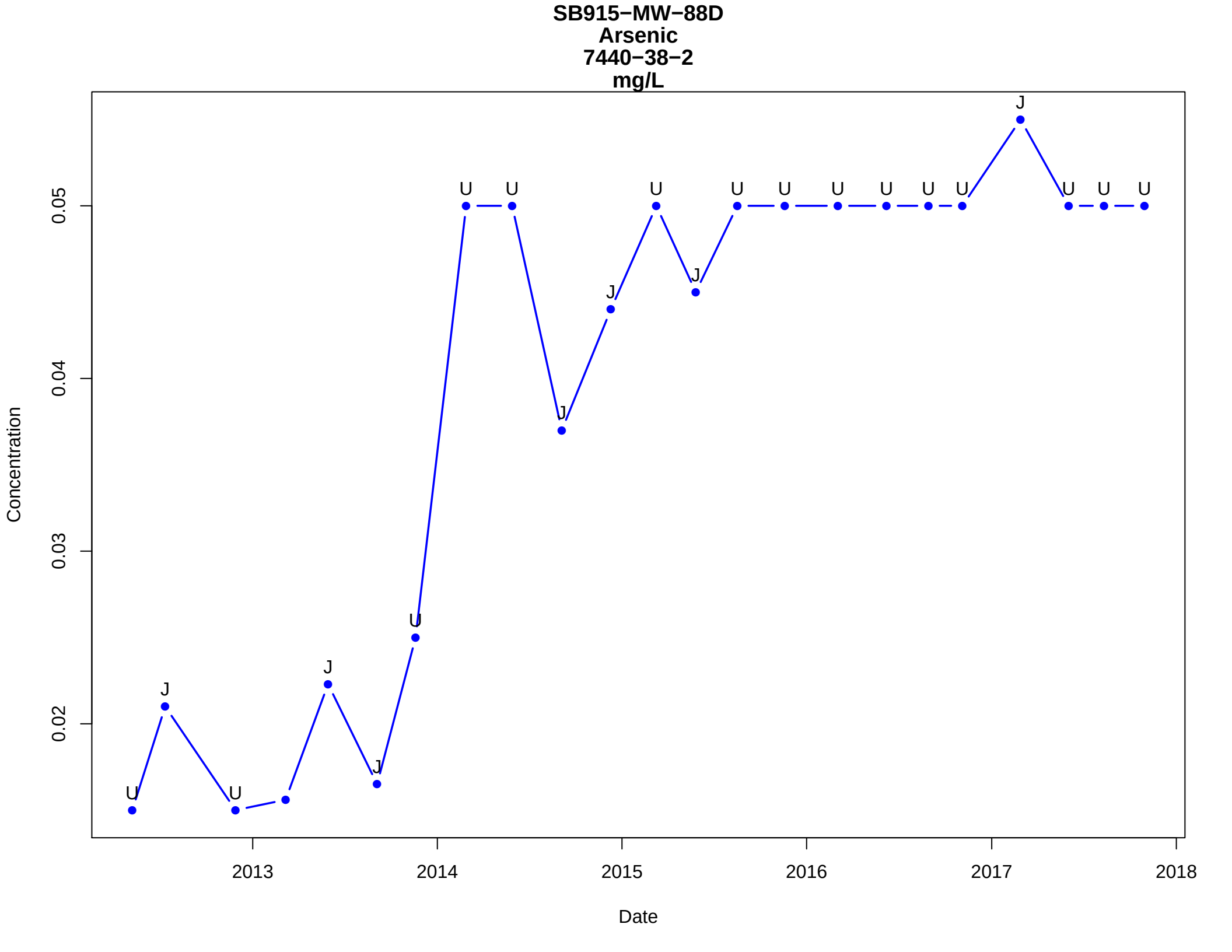

SB915−MW−88D
Chlorobenzene
108−90−7
ug/l
Concentration
30
40
50
60
70
80
90
2013
2014
2015
2016
2017
2018
Date
J

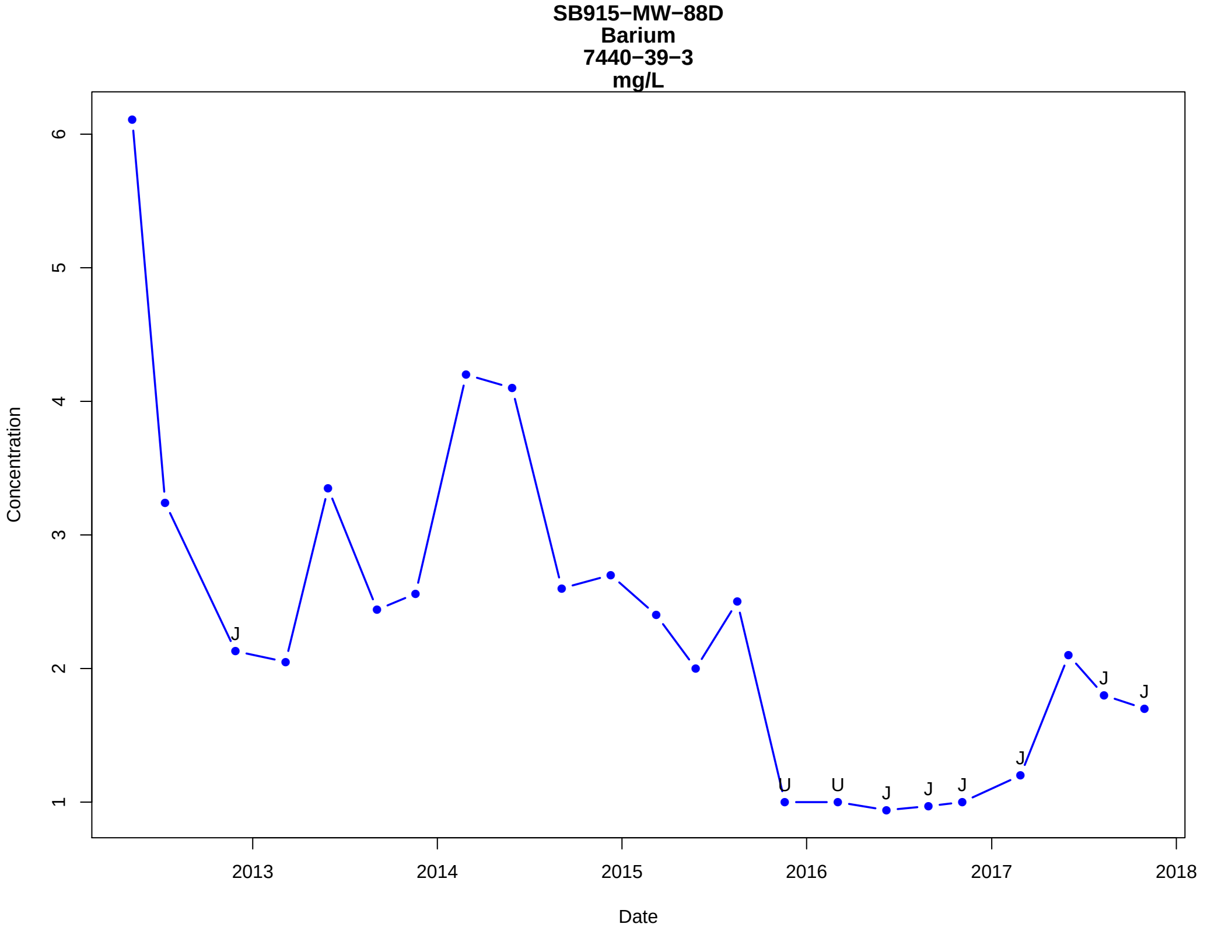

SB915−MW−88D
Chloride
16887−00−6
mg/l
Concentration
10000
8000
6000
4000
2000
J
J
2013
2014
2015
2016
2017
2018
Date

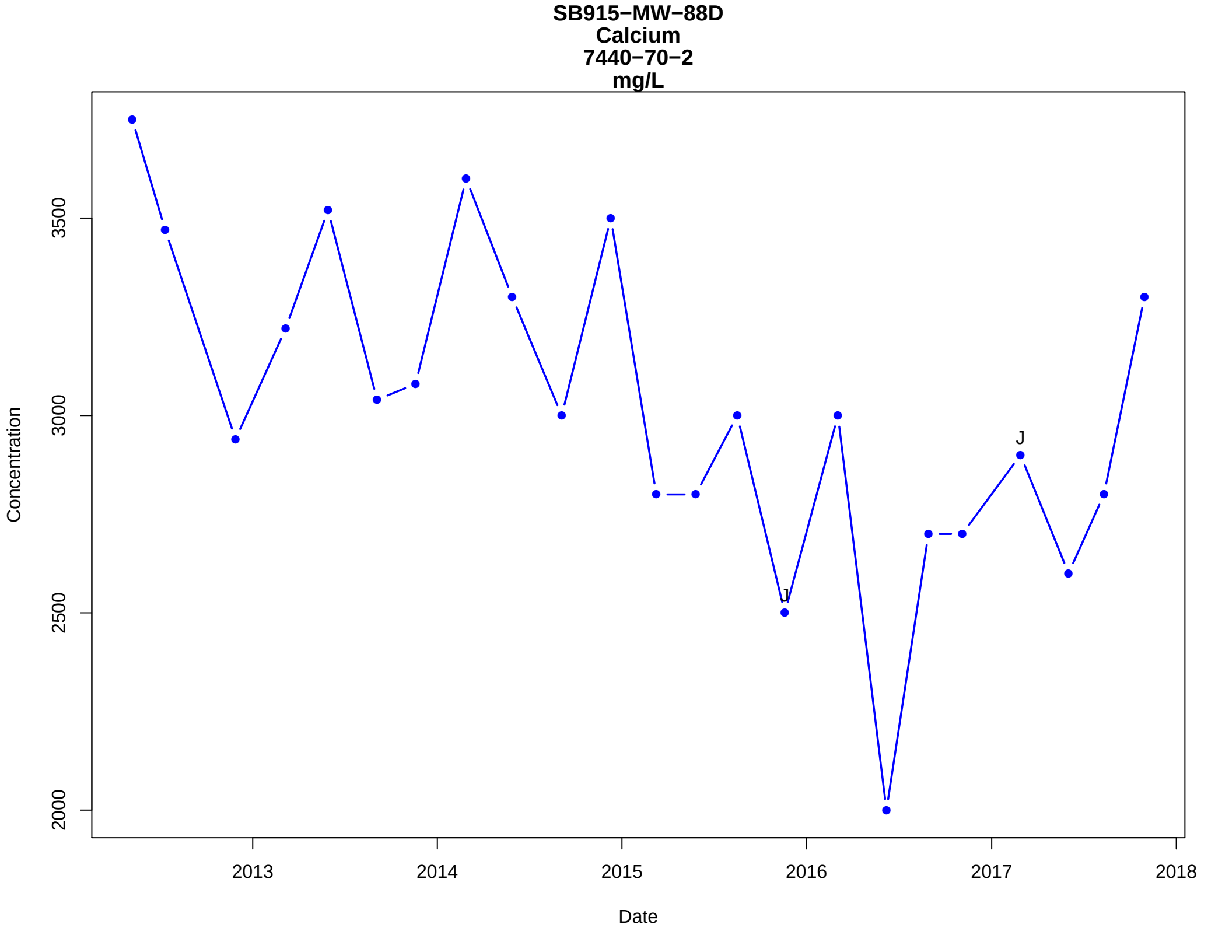

SB915−MW−88D
Benzene
71−43−2
ug/l
Concentration
9
8
7
6
5
J
2013
2014
2015
2016
2017
2018
Date

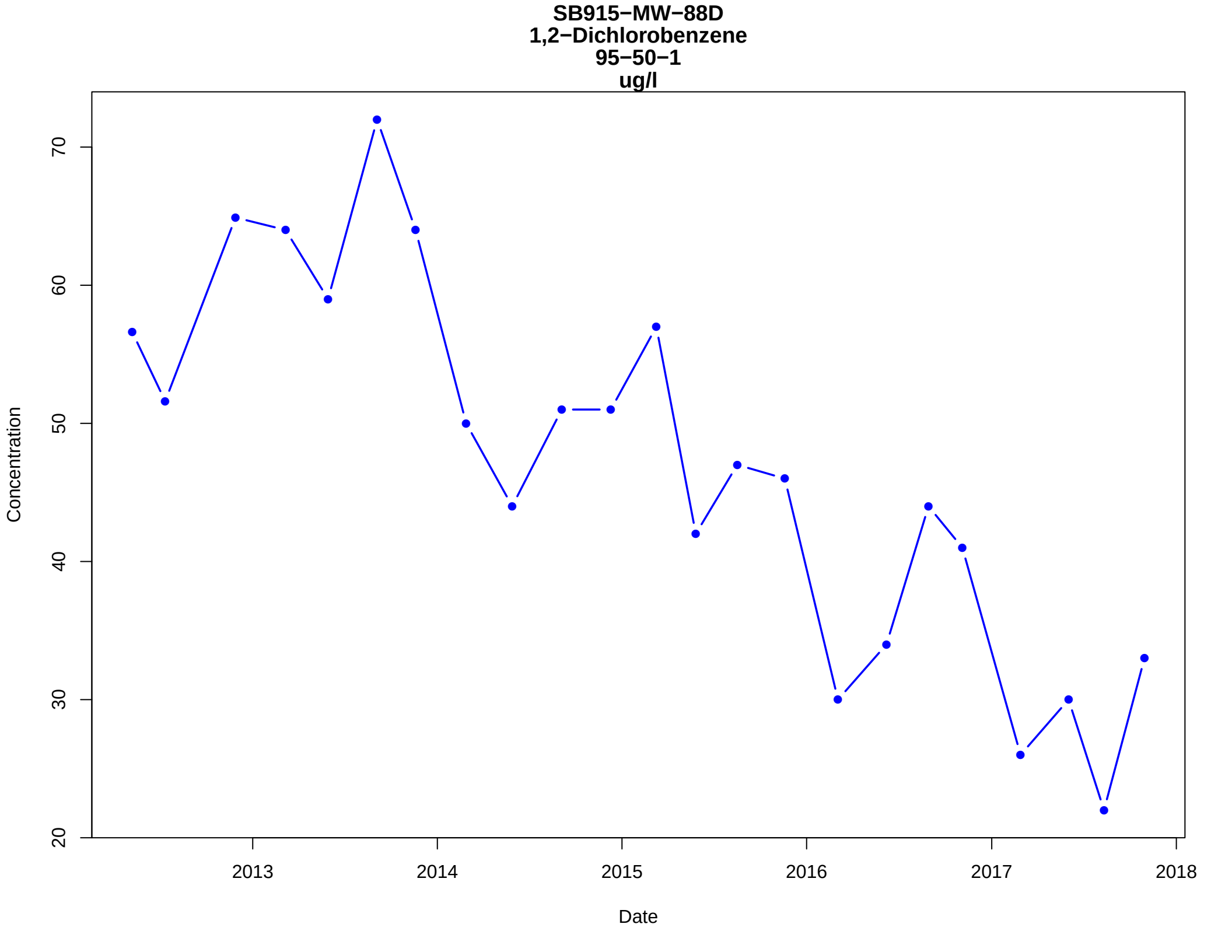

SB915−MW−88D
Manganese
7439−96−5
mg/L
J
J
Concentration
2.0
1.8
1.6
1.4
1.2
1.0
0.8
2013
2014
2015
2016
2017
2018
Date

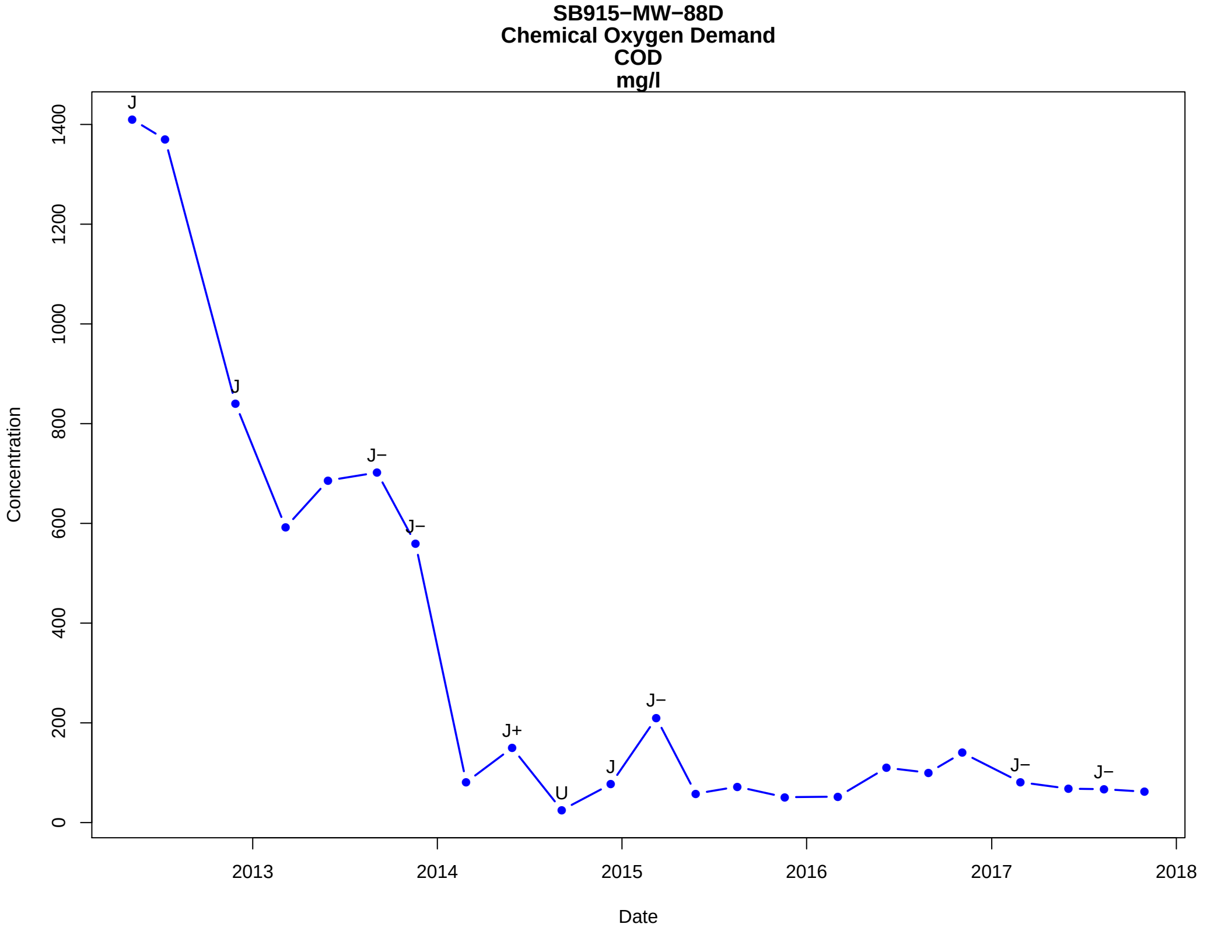

SB915−MW−88D
Potassium
7440−09−7
mg/L
Concentration
100
120
140
160
180
200
220
J
J
J
J+
2013
2014
2015
2016
2017
2018
Date

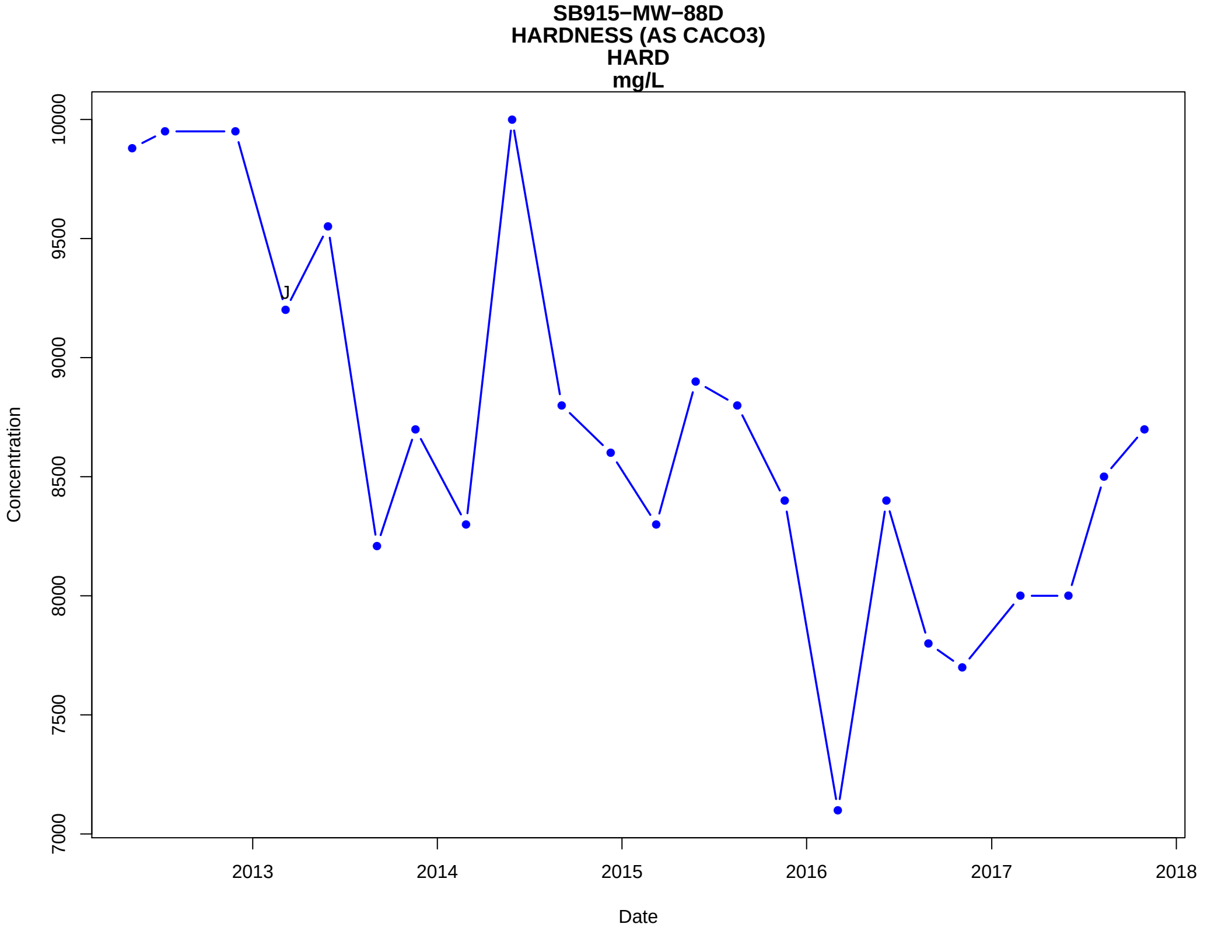

SB915−MW−88D
Arsenic
7440−38−2
mg/L
Concentration
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
2018
Date
U
J
U
J
J
U
U
U
J
J
U
U
U
U
U
U
J
U
U
U

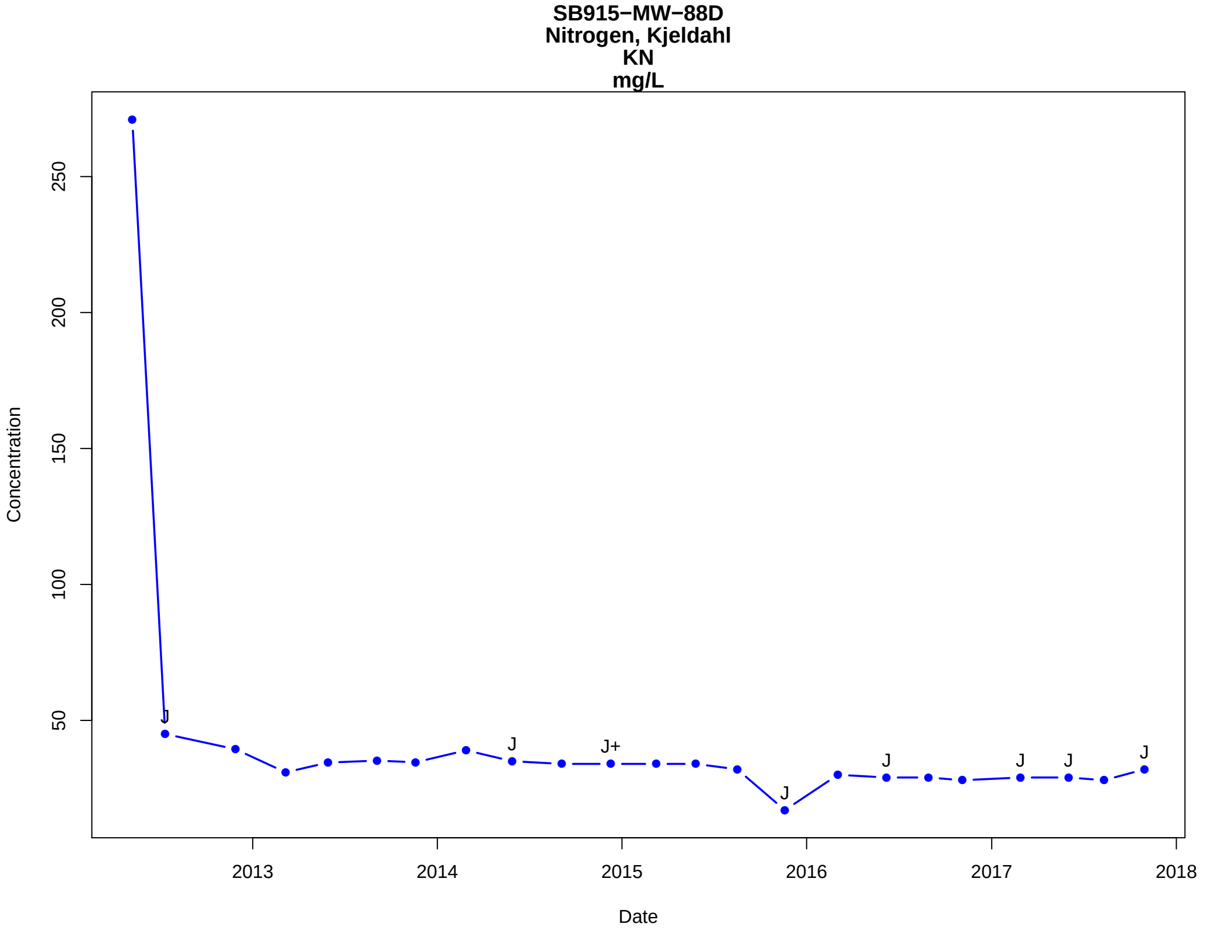

SB915−MW−88D
Barium
7440−39−3
mg/L
Concentration
1
2
3
4
5
6
J
U
U
J
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

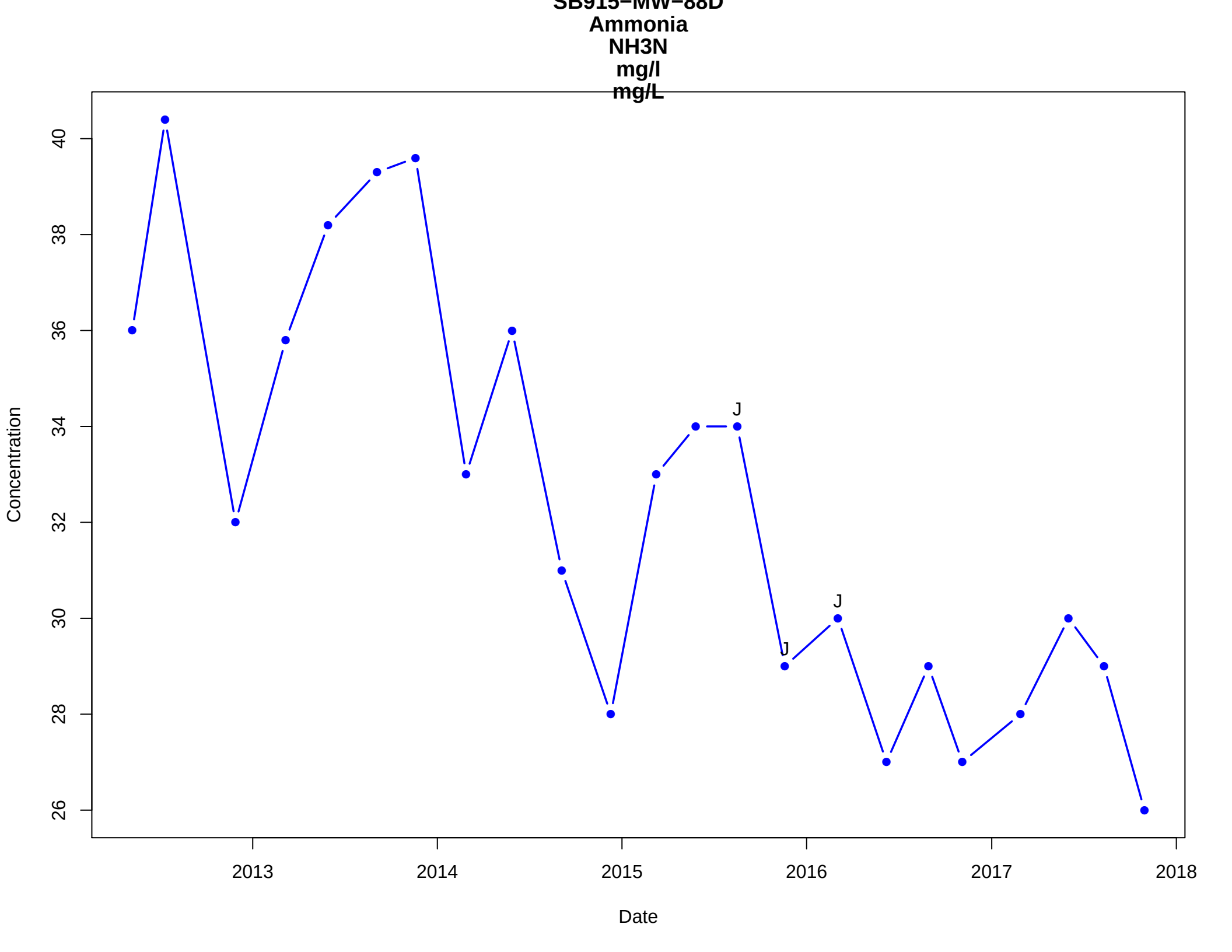

SB915−MW−88D
Calcium
7440−70−2
mg/L
Concentration
2000
2500
3000
3500
J
J
2013
2014
2015
2016
2017
2018
Date

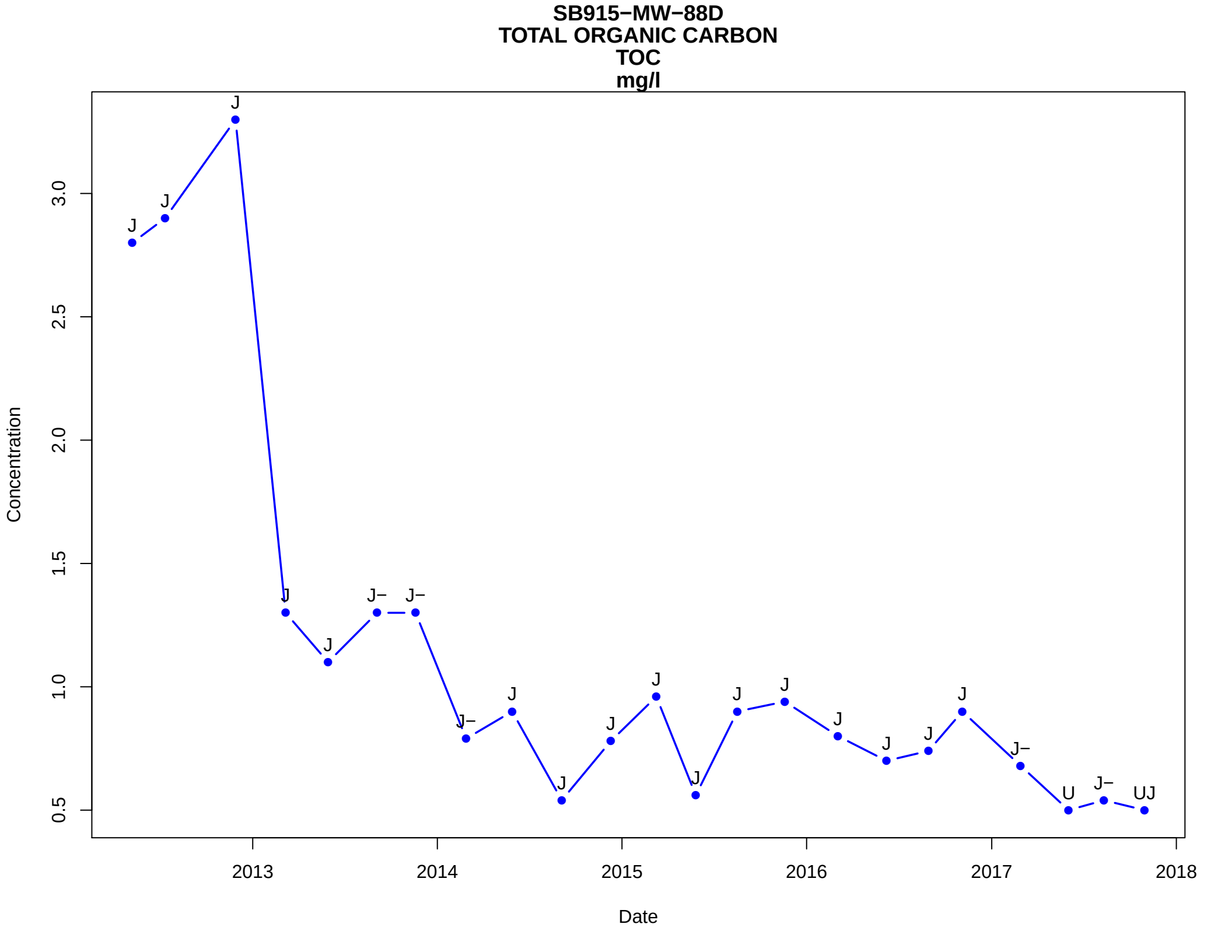

SB915−MW−88D
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
20
30
40
50
60
70
2013
2014
2015
2016
2017
2018
Date

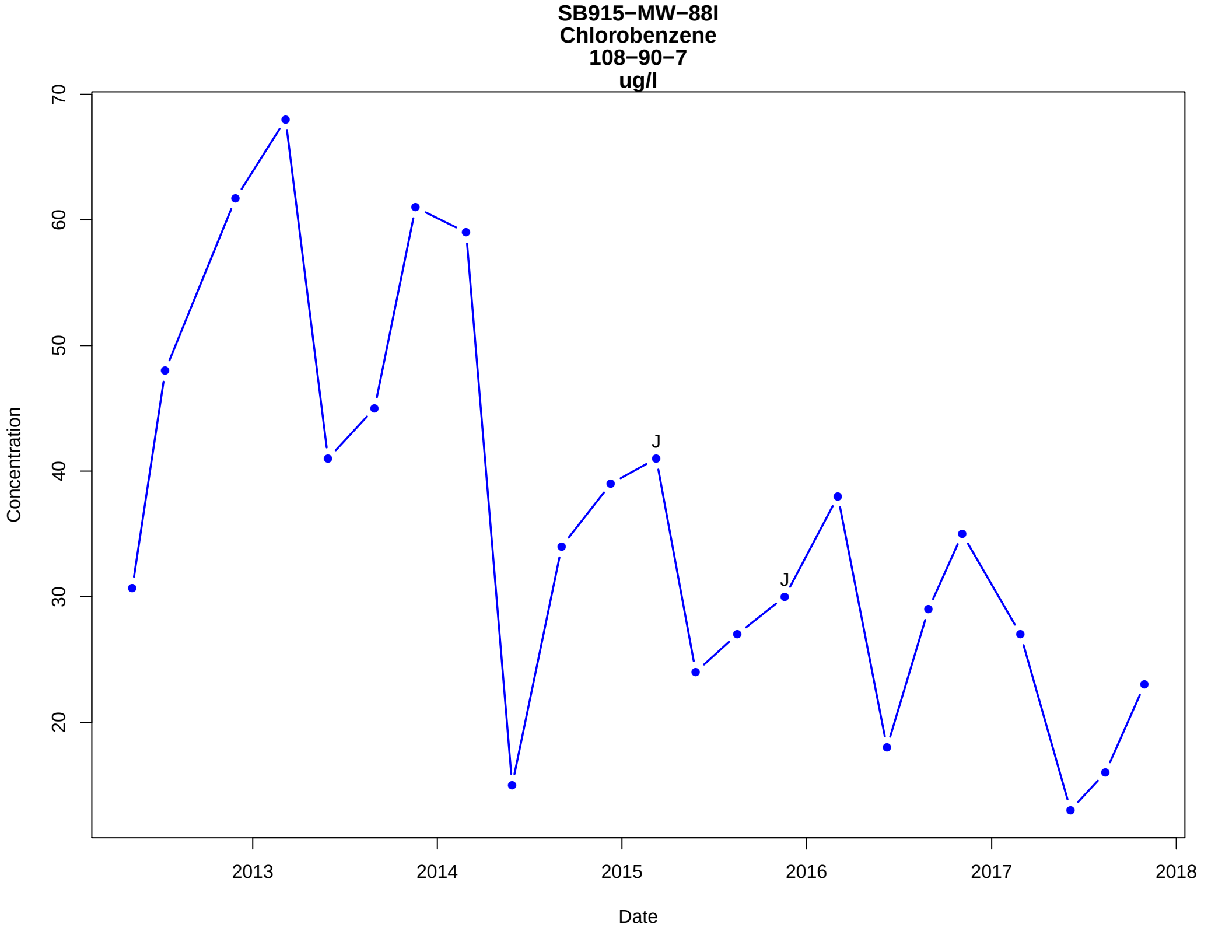

SB915−MW−88D
Chemical Oxygen Demand
COD
mg/l
Concentration
0
200
400
600
800
1000
1200
1400
2013
2014
2015
2016
2017
2018
Date
J
J
J−
J−
J+
U
J
J−
J−
J−

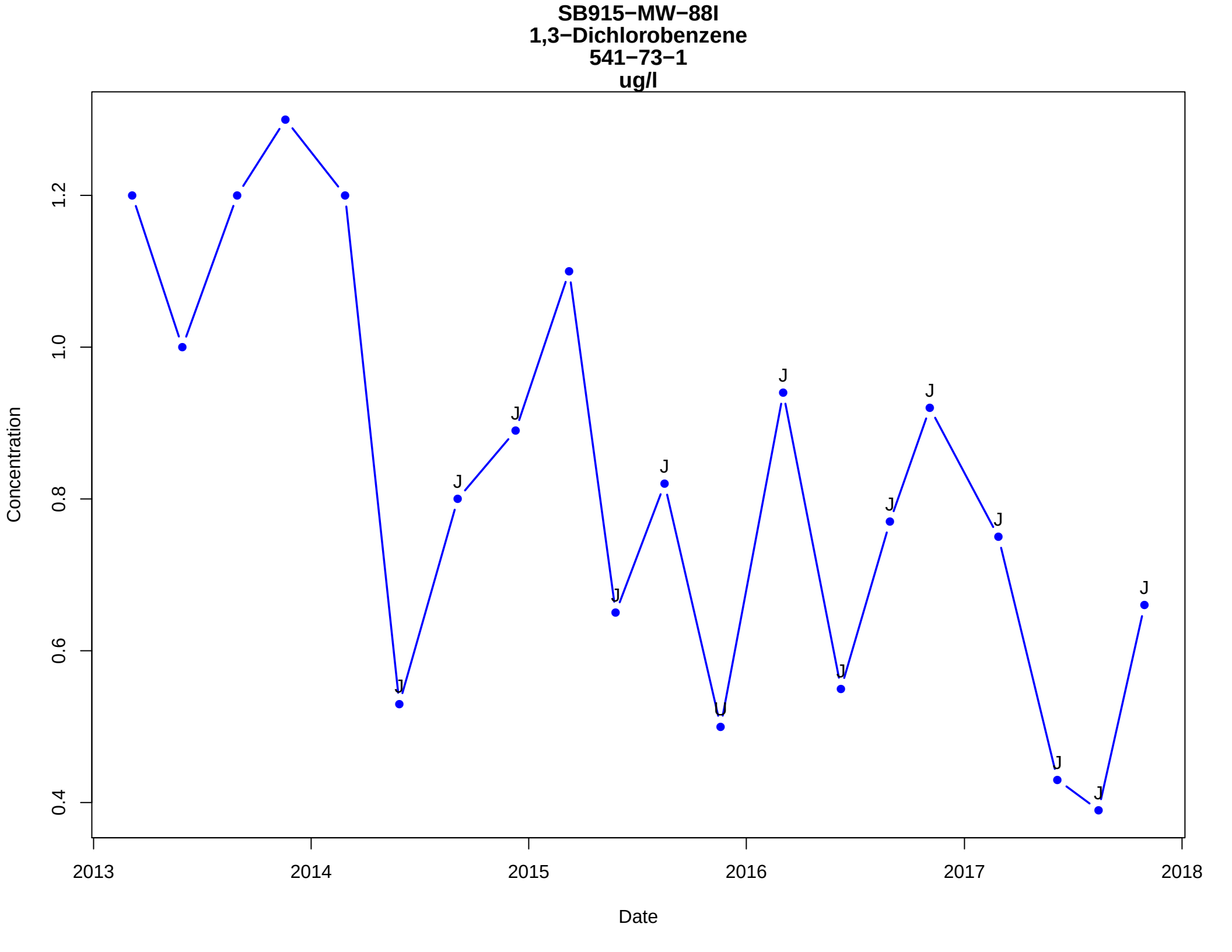

SB915−MW−88D
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
10000
9500
9000
8500
8000
7500
7000
J
2013
2014
2015
2016
2017
2018
Date

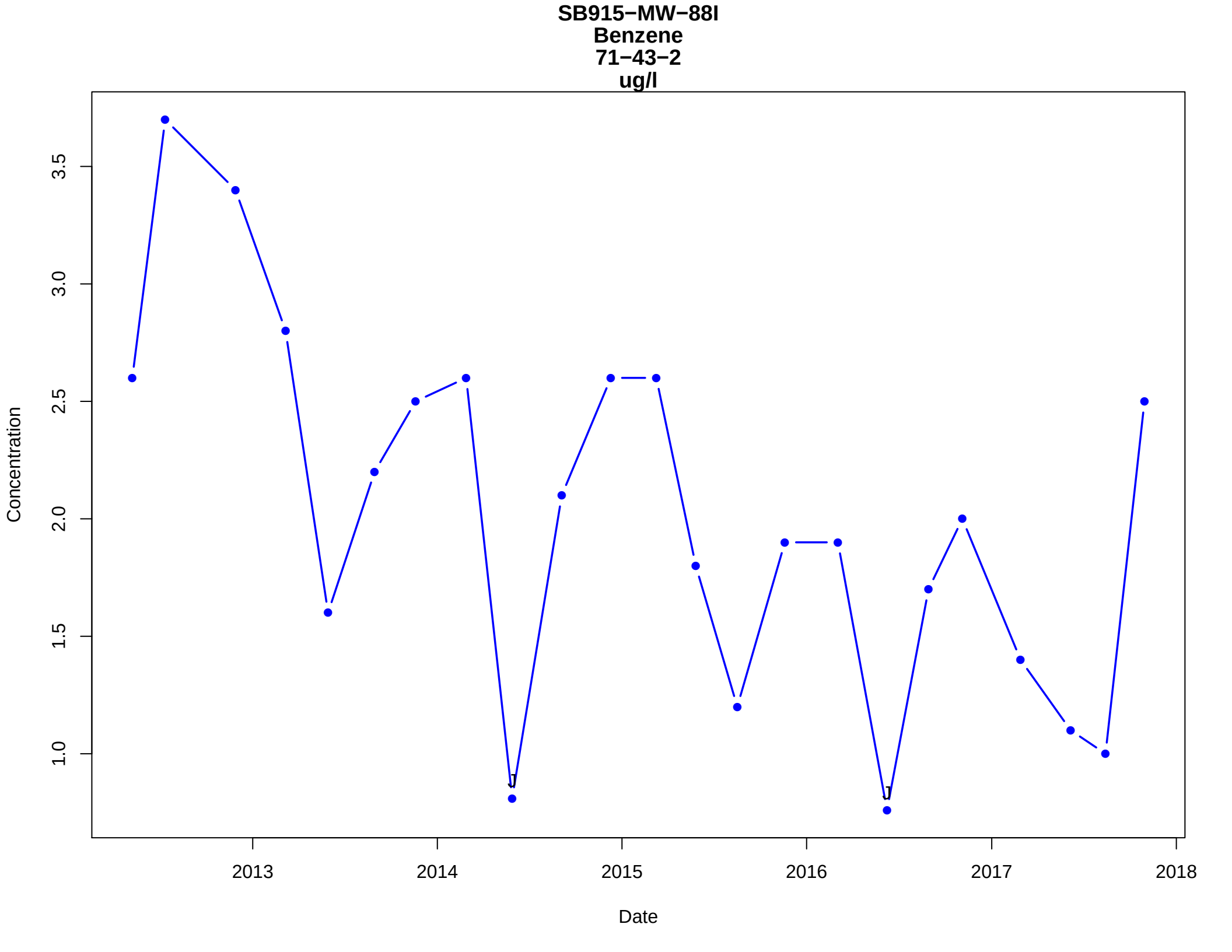

SB915−MW−88D
Nitrogen, Kjeldahl
KN
mg/L
Concentration
250
200
150
100
50
J
J
J+
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

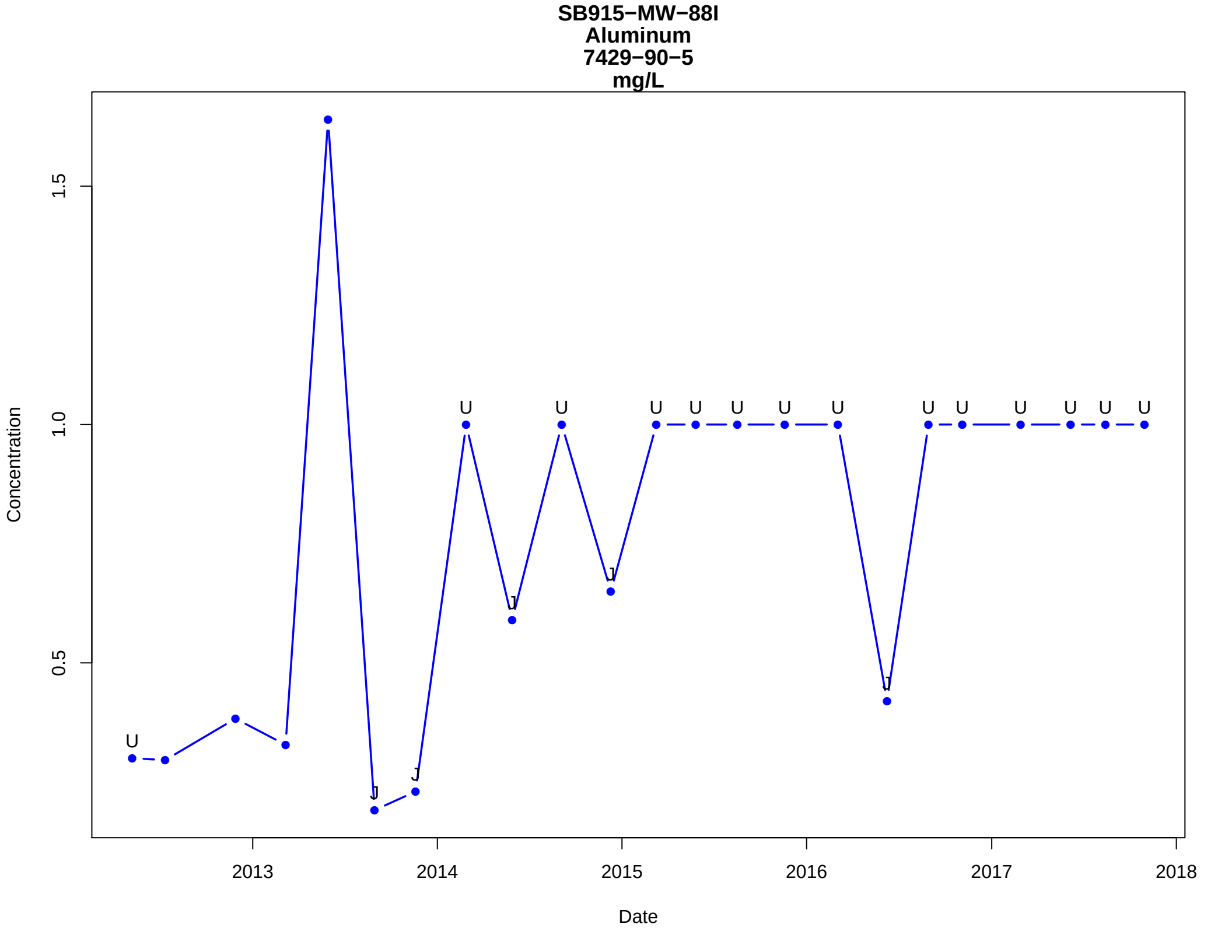

SB915-MW-88D
Ammonia
NH3N
mg/l
mg/L
Concentration
Date
26
28
30
32
34
36
38
40
2013
2014
2015
2016
2017
2018
J
J
J

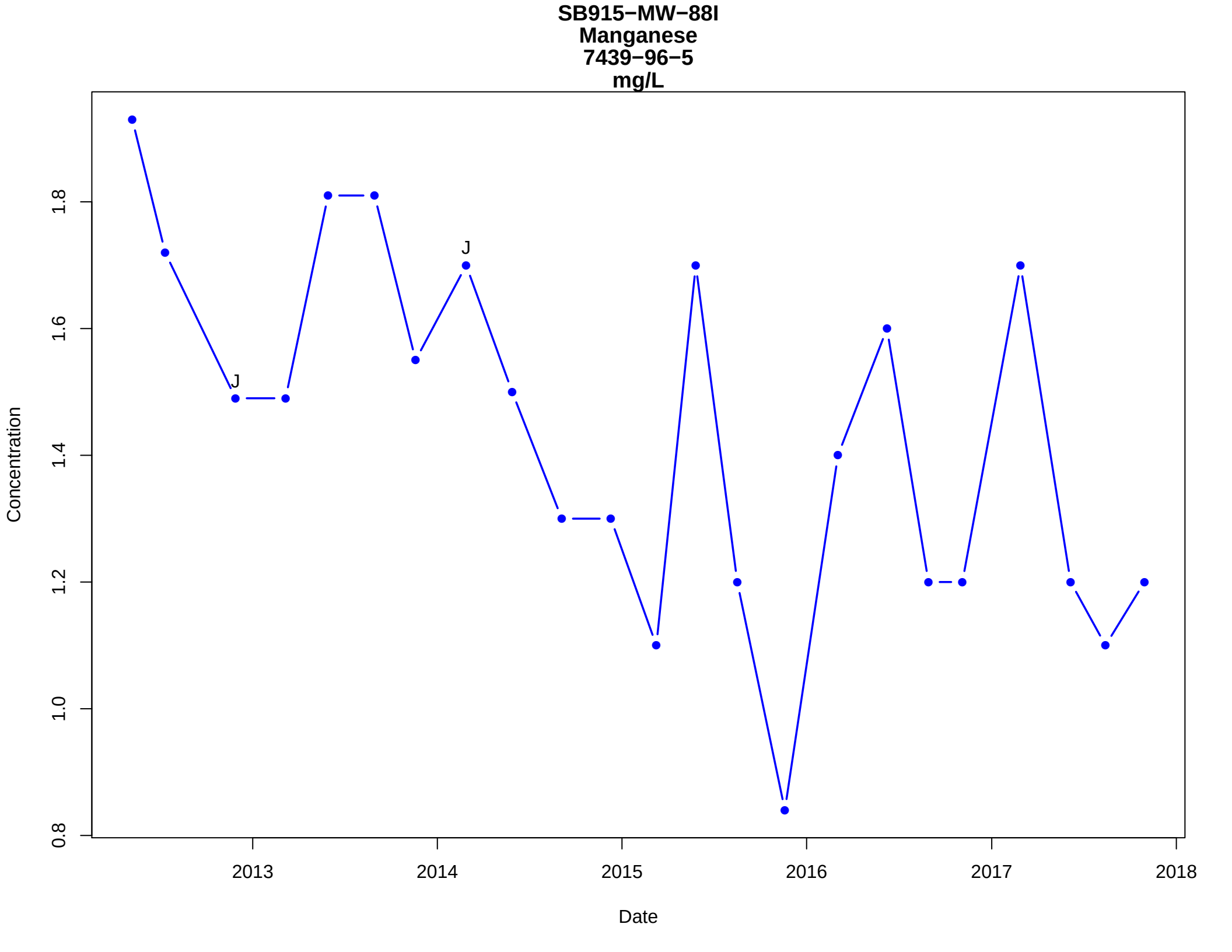

SB915−MW−88D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.5
1.0
1.5
2.0
2.5
3.0
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J−
J−
J
J−
J
J
J
J
J
J
J
J
J
J
J−
U
J−
UJ

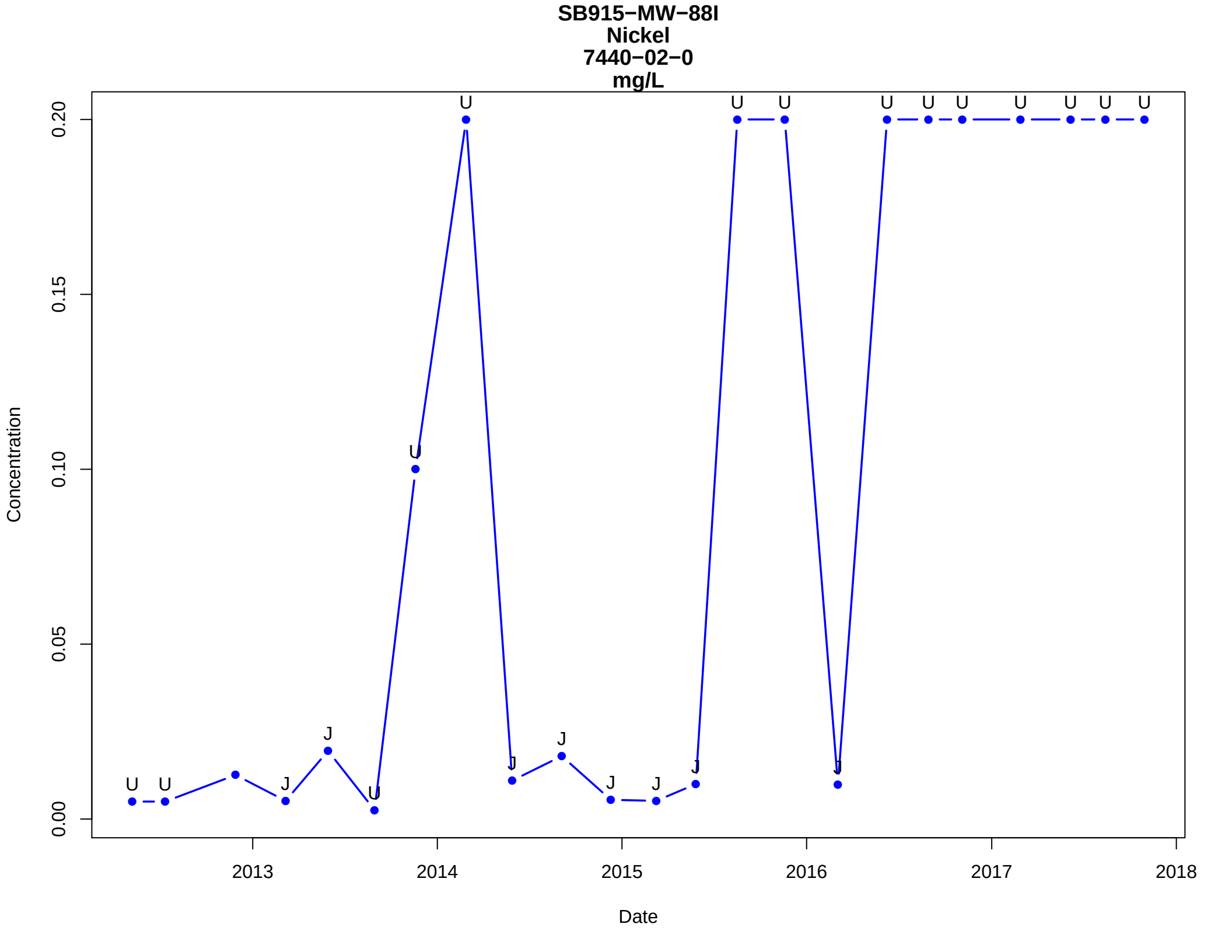

SB915−MW−88I
Chlorobenzene
108−90−7
ug/l
Concentration
70
60
50
40
30
20
J
J
2013
2014
2015
2016
2017
2018
Date

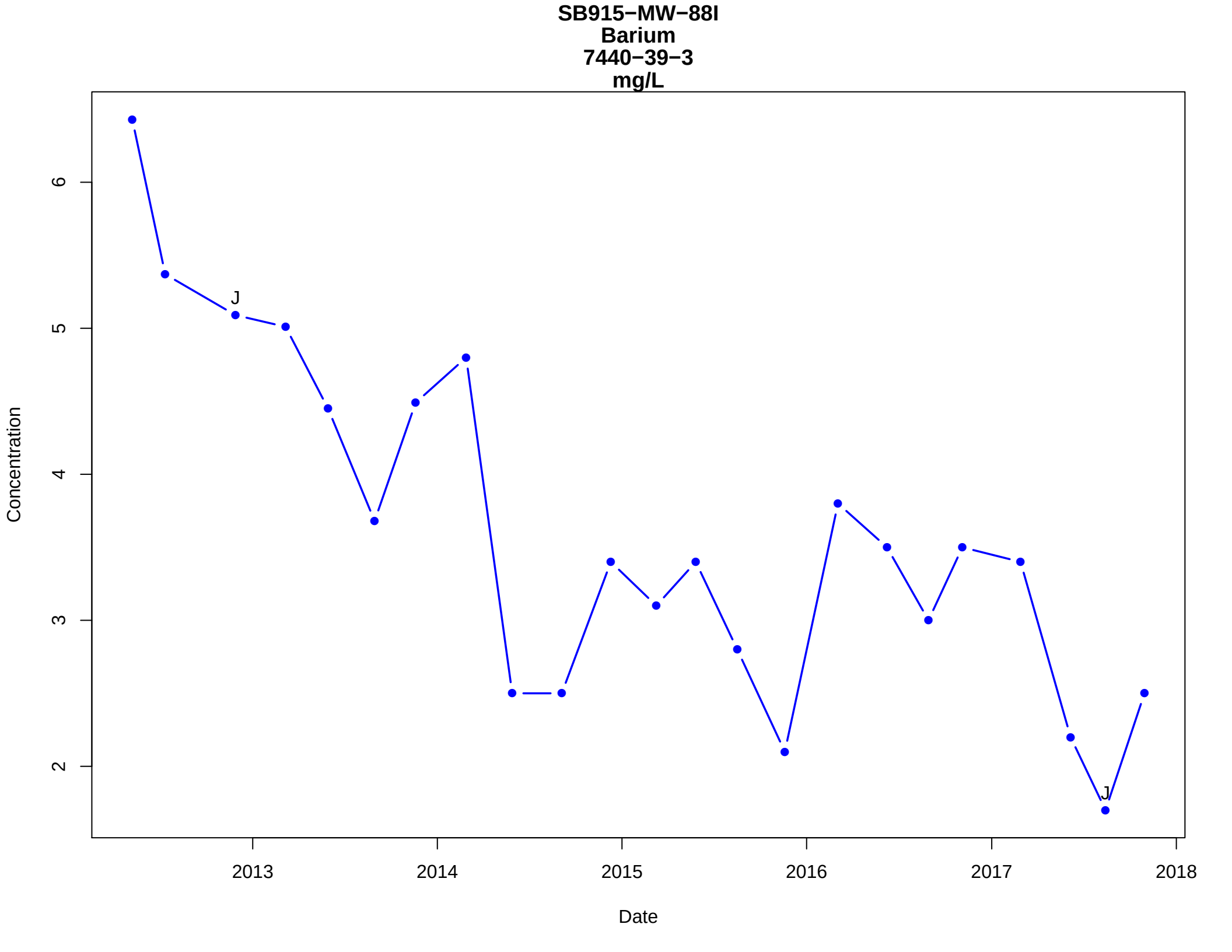

SB915−MW−88I
1,3−Dichlorobenzene
541−73−1
ug/l
Concentration
0.4
0.6
0.8
1.0
1.2
J
2013
2014
2015
2016
2017
2018
Date

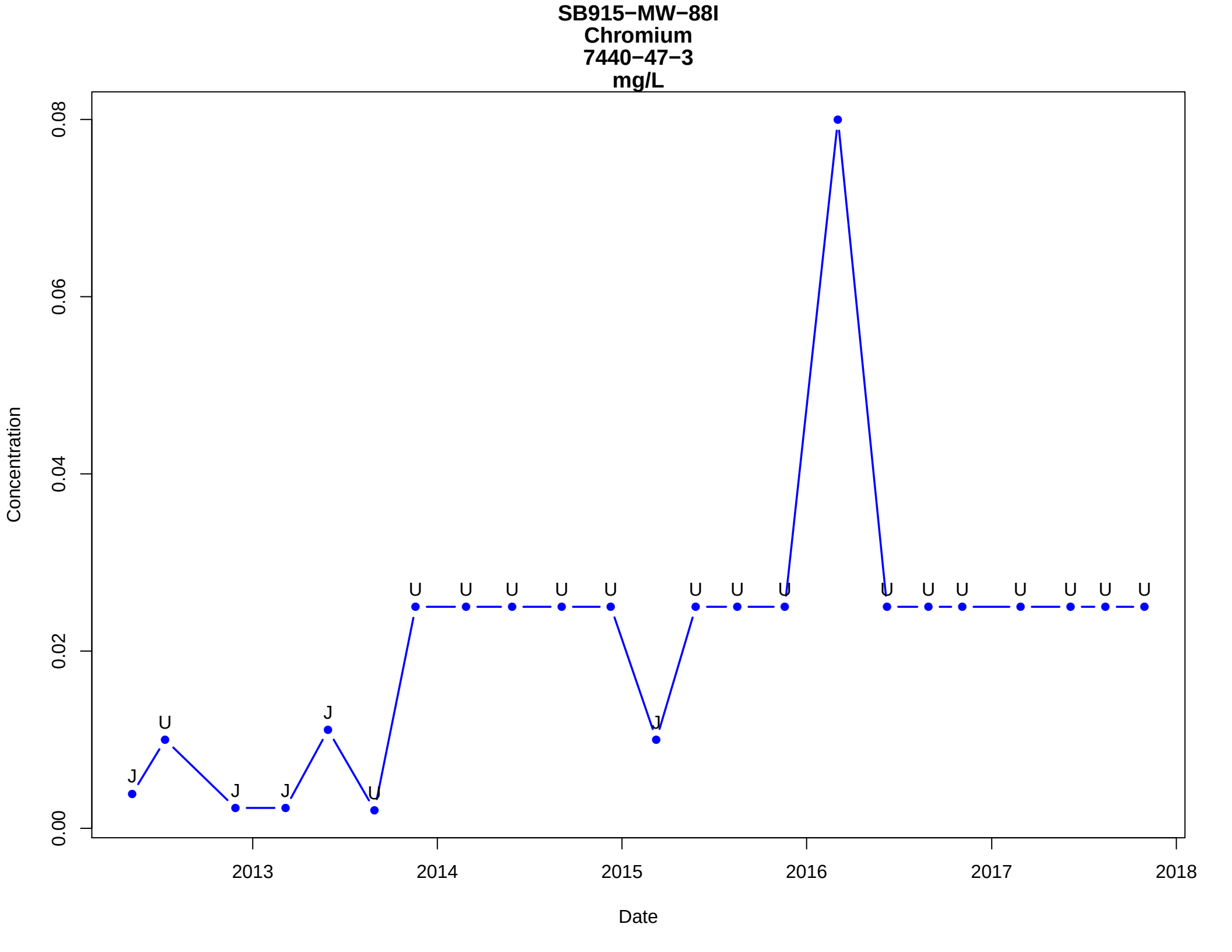

SB915−MW−88I
Benzene
71−43−2
ug/l
Concentration
1.0
1.5
2.0
2.5
3.0
3.5
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88I
Aluminum
7429−90−5
mg/L
Concentration
0.5
1.0
1.5
U
U
J
J
J
U
U
U
U
U
U
U
J
U
U
U
U
U
U
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88I
Manganese
7439−96−5
mg/L
Concentration
0.8
1.0
1.2
1.4
1.6
1.8
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88I
Nickel
7440−02−0
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
U U J J U U U


SB915−MW−88I
Barium
7440−39−3
mg/L
Concentration
2
3
4
5
6
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88I
Chromium
7440−47−3
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
2013
2014
2015
2016
2017
2018
Date
J
U
J
J
J
U
U
U
U
U
J
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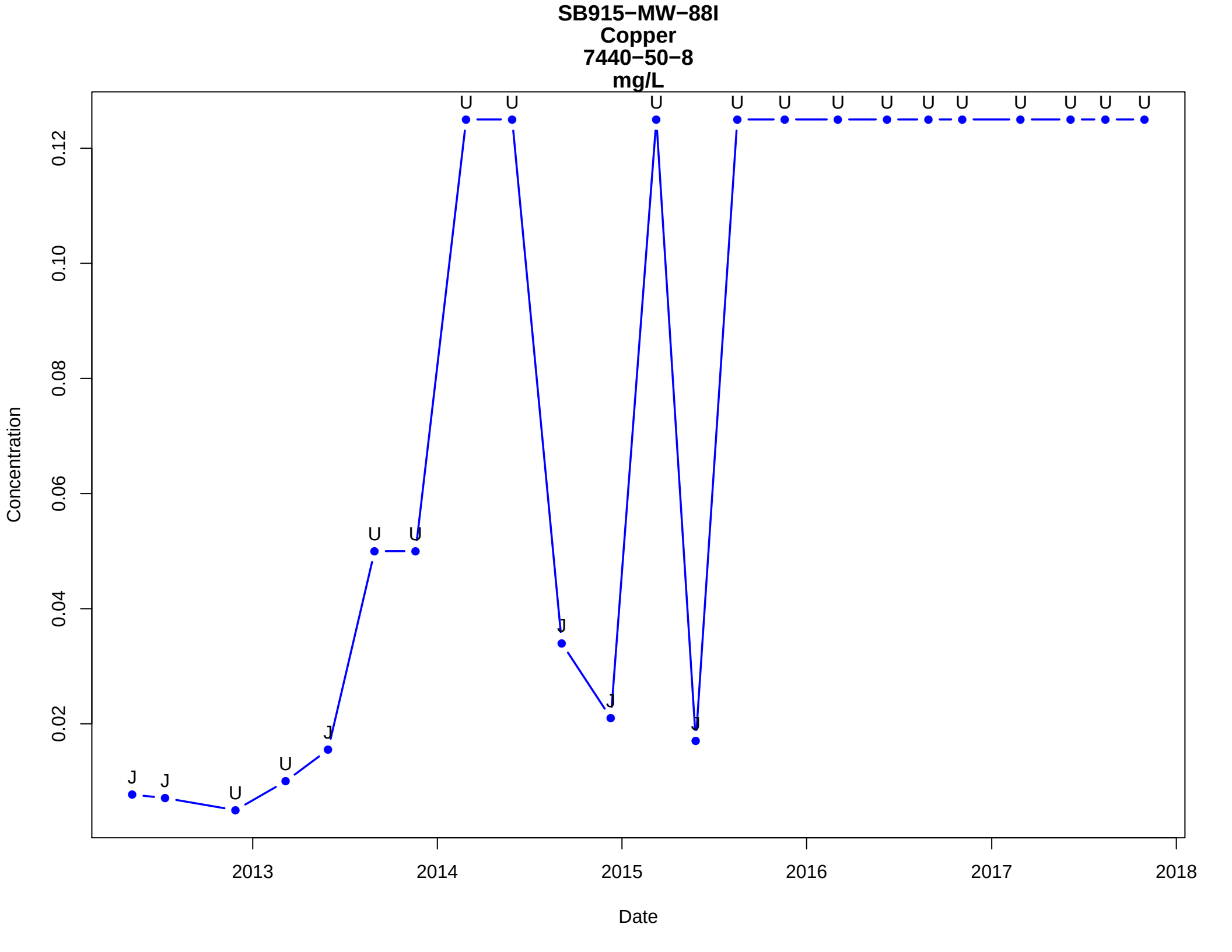
U
U
U
U


SB915−MW−88I
Copper
7440−50−8
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
0.12
2013
2014
2015
2016
2017
2018
Date
J
J
U
U
J
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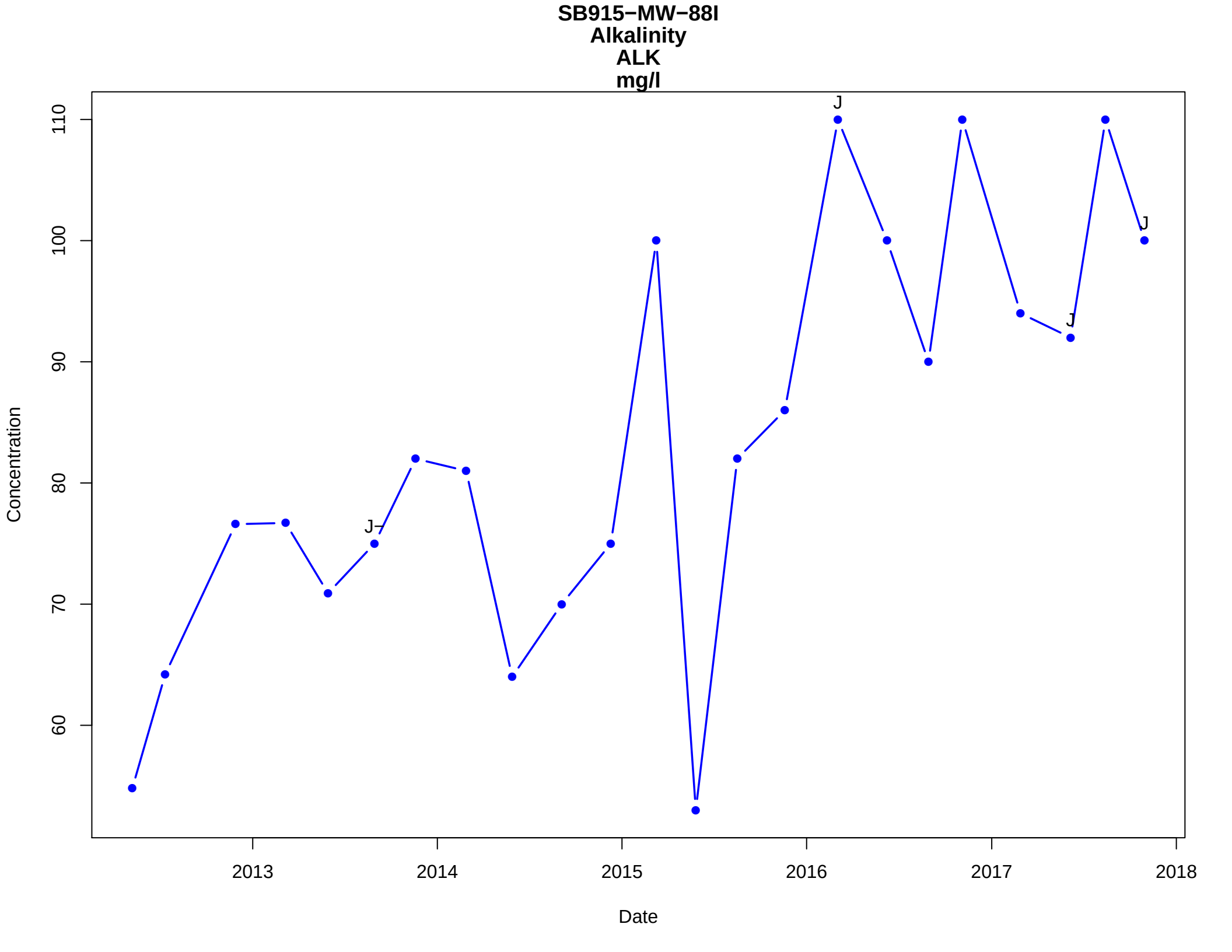
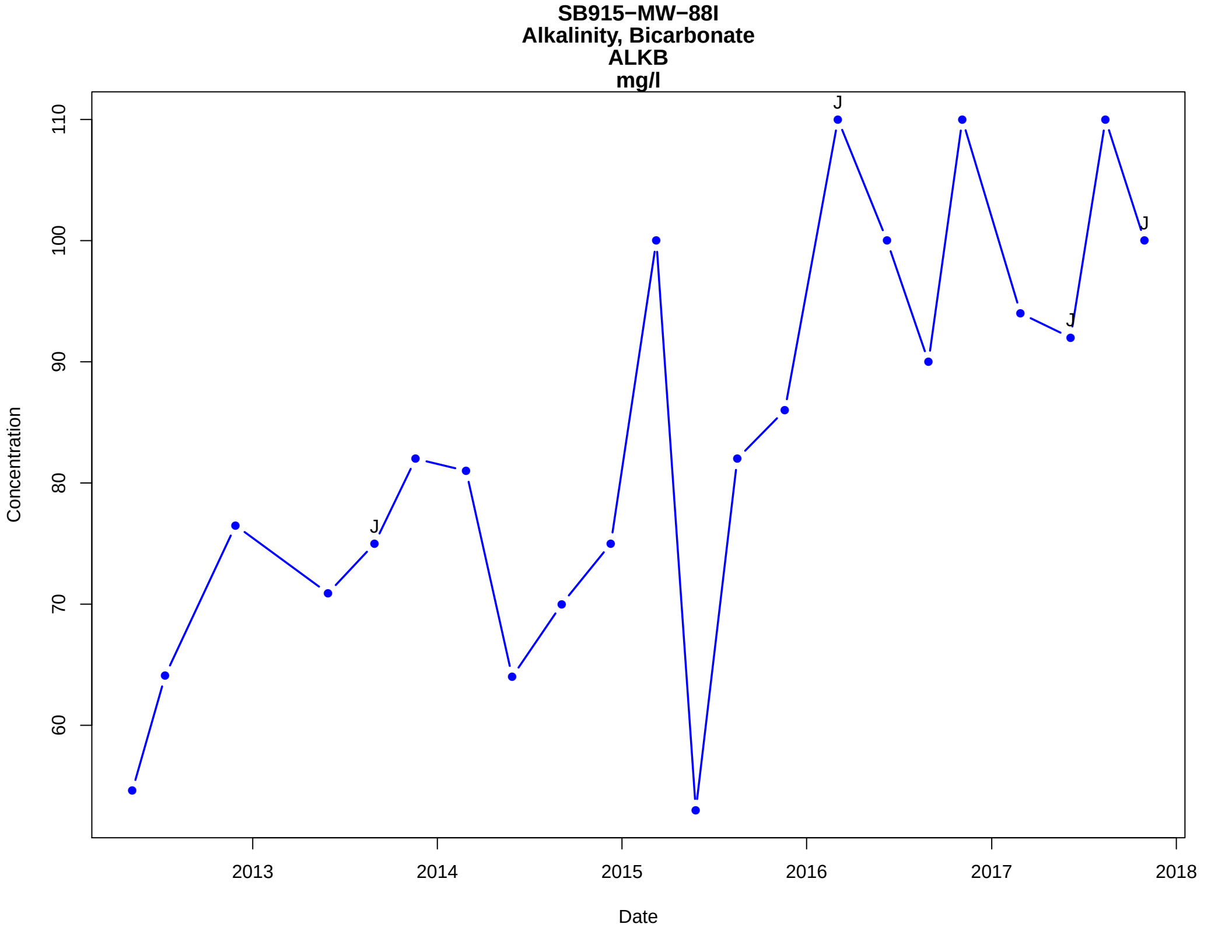
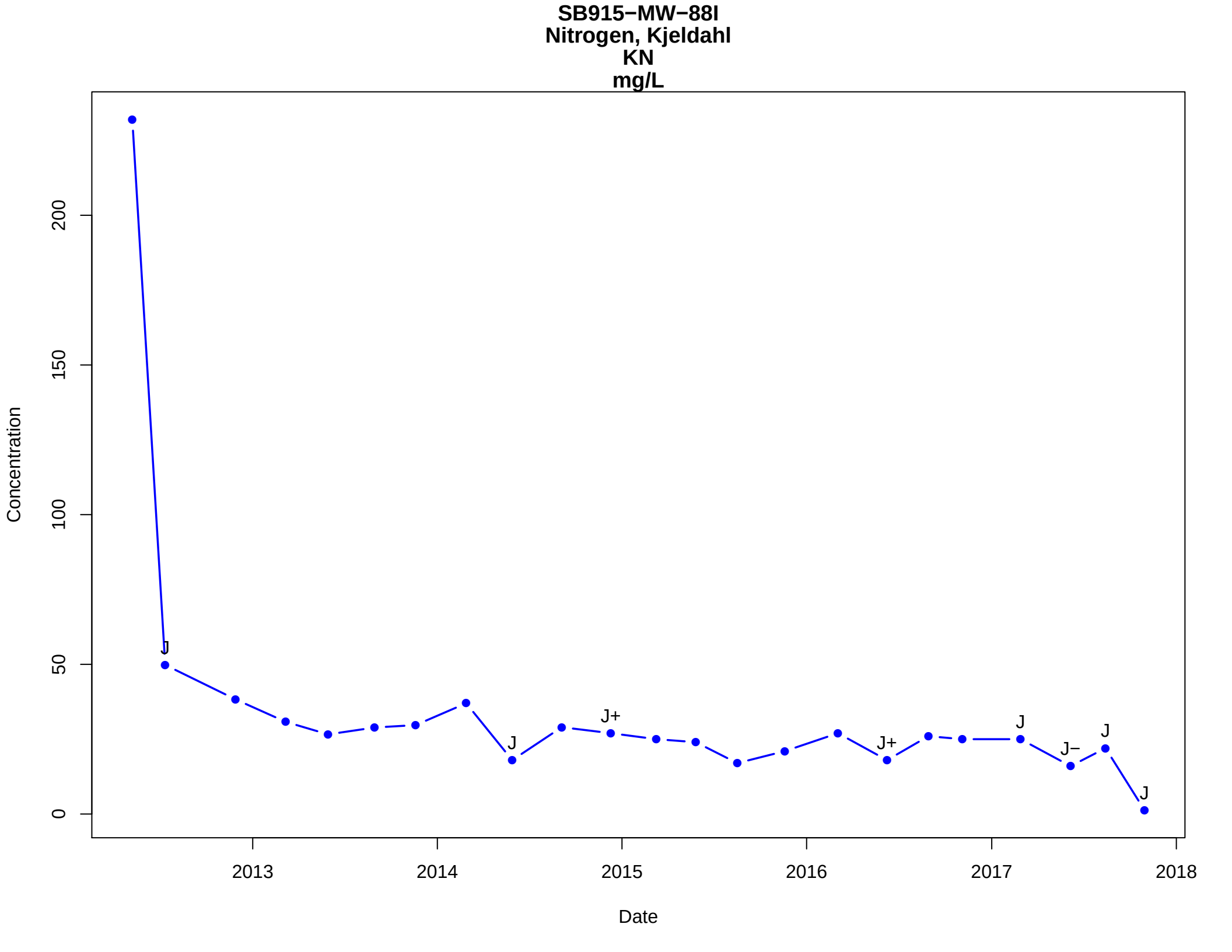
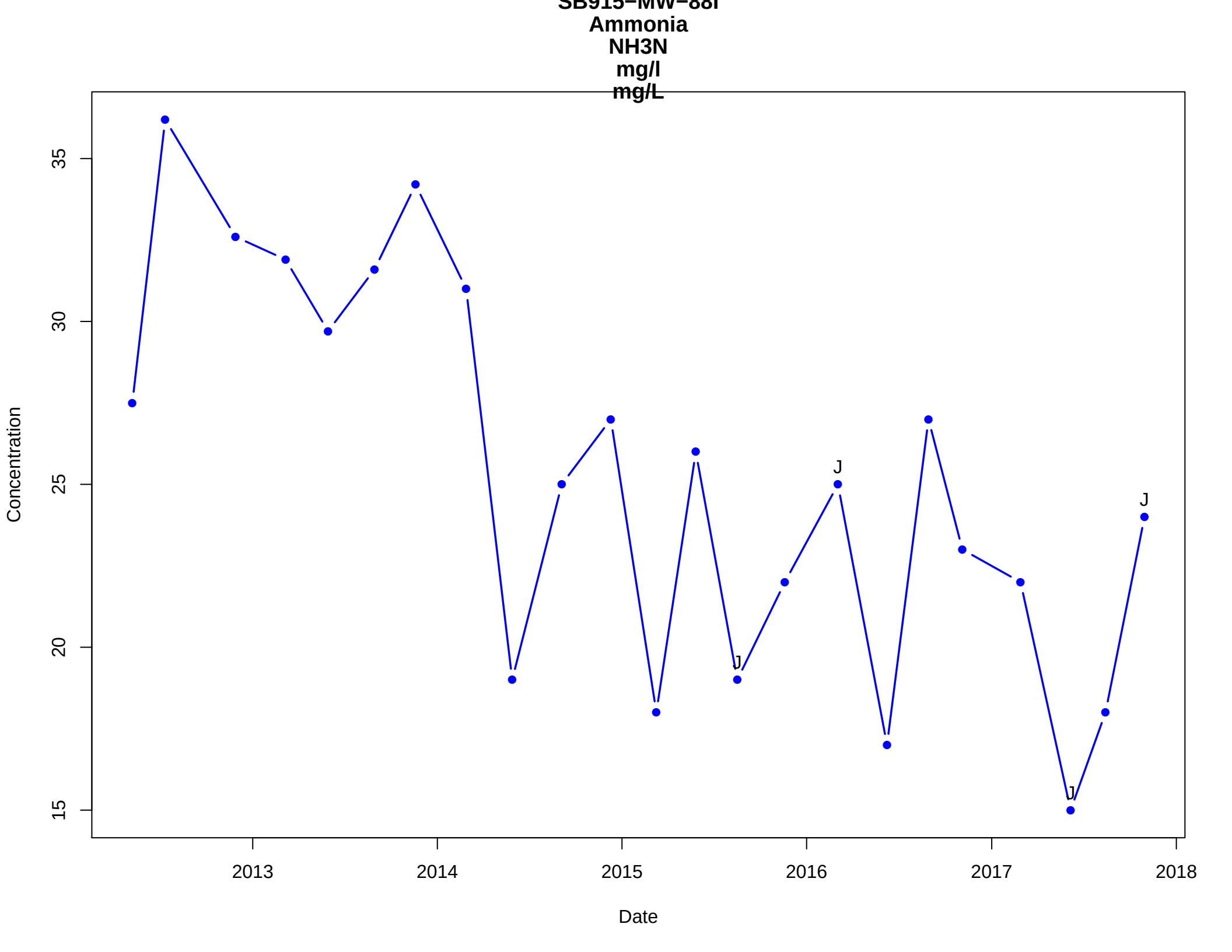
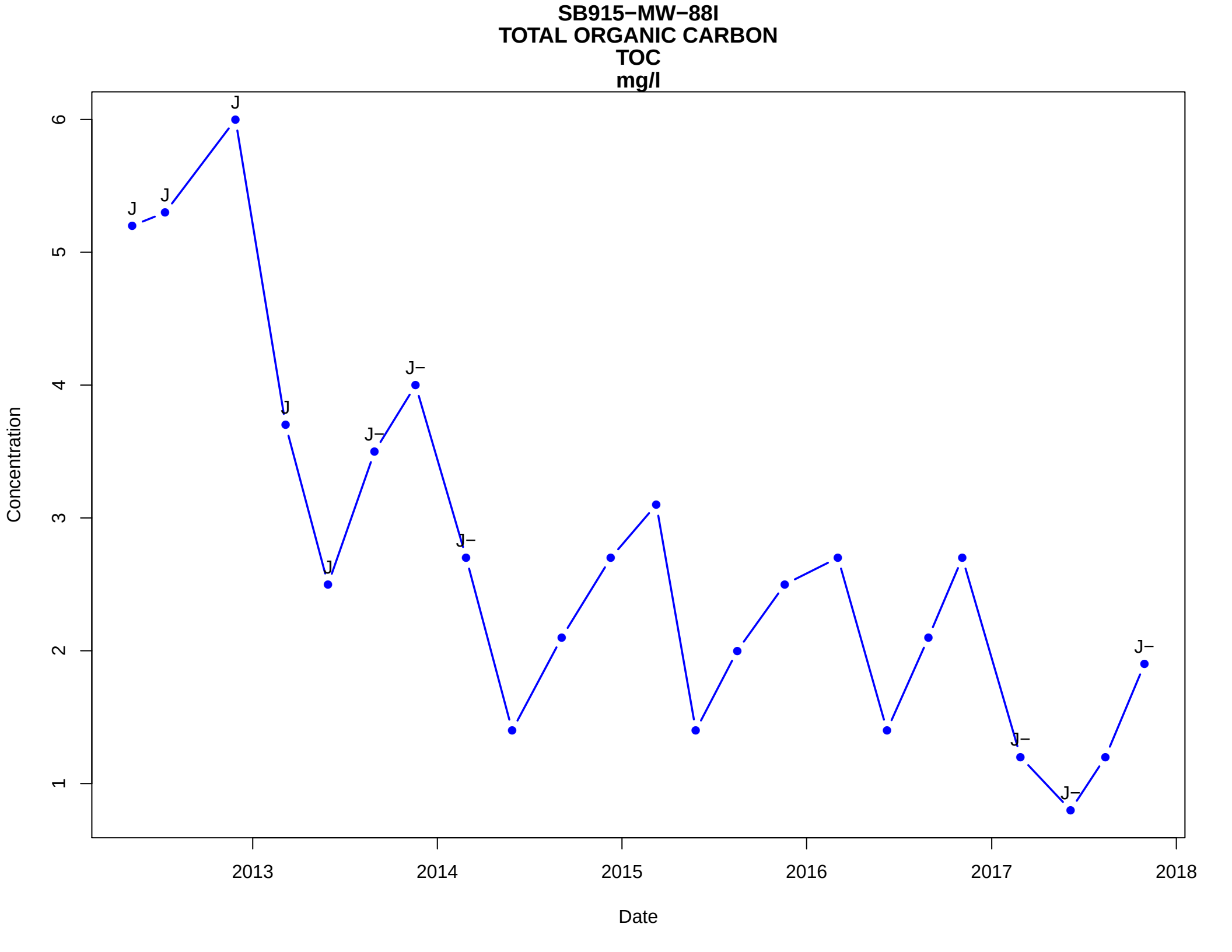
U
U

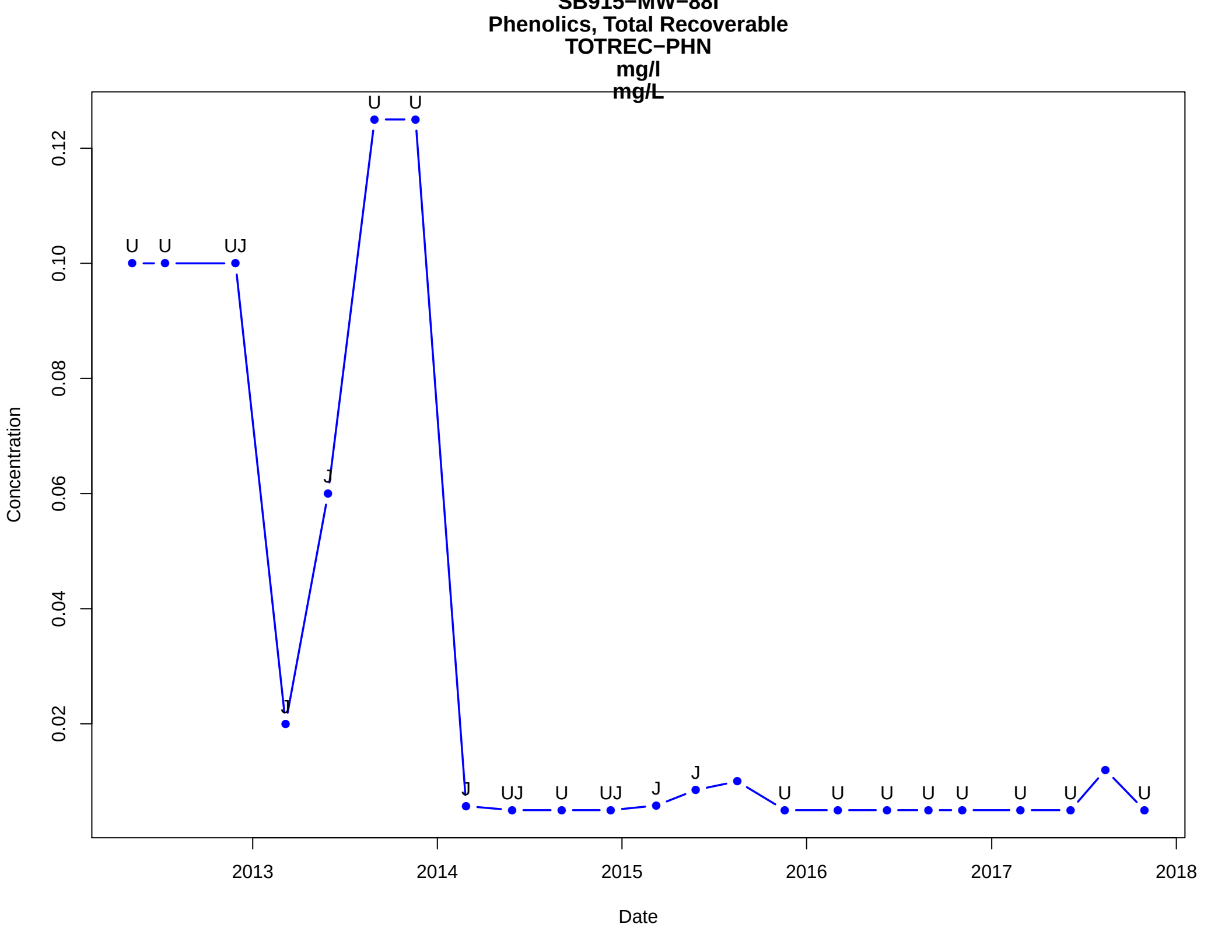

SB915−MW−88I
Alkalinity
ALK
mg/l
Concentration
60
70
80
90
100
110
2013
2014
2015
2016
2017
2018
Date
J
J
J
J

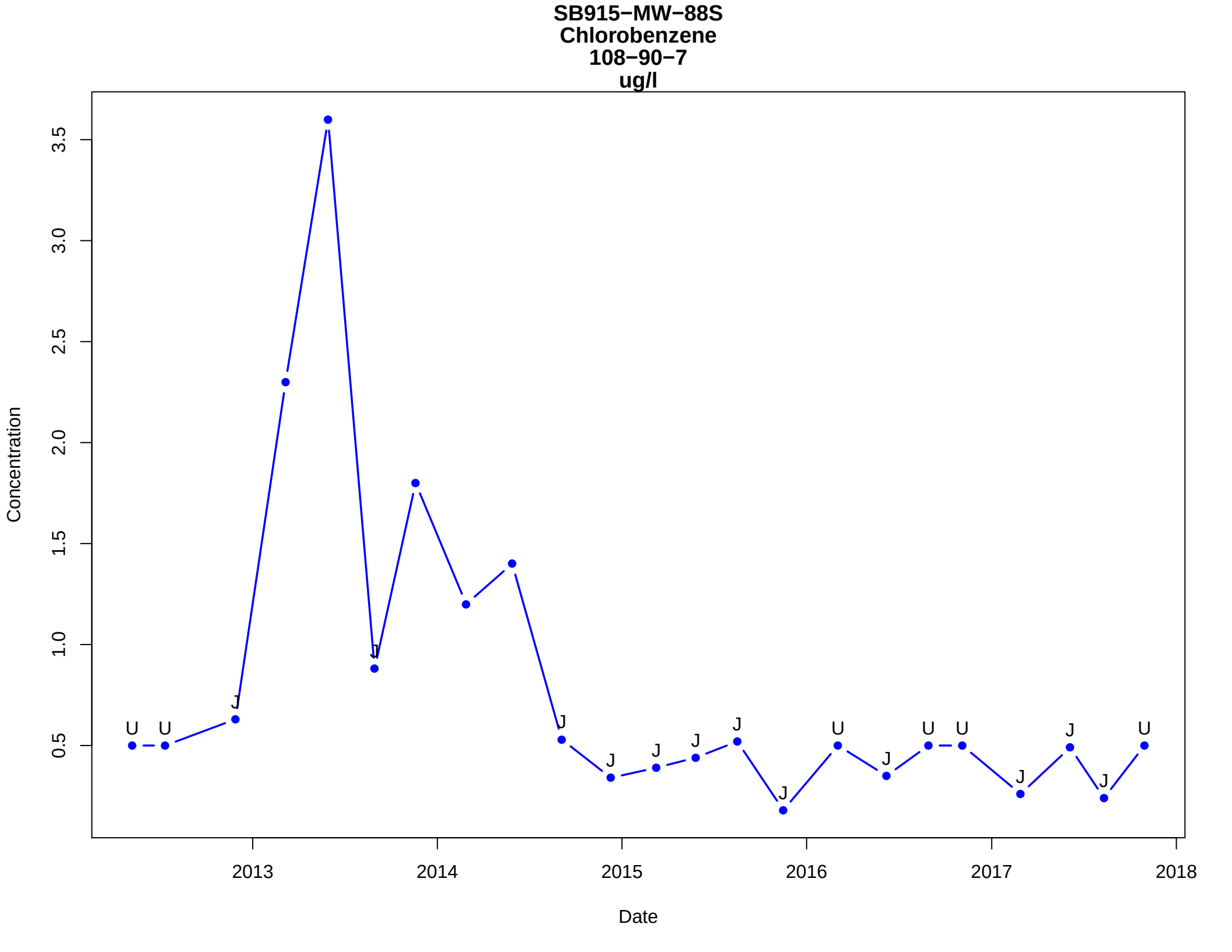

SB915−MW−88I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
Date
60
70
80
90
100
110
2013
2014
2015
2016
2017
2018
J
J
J
J

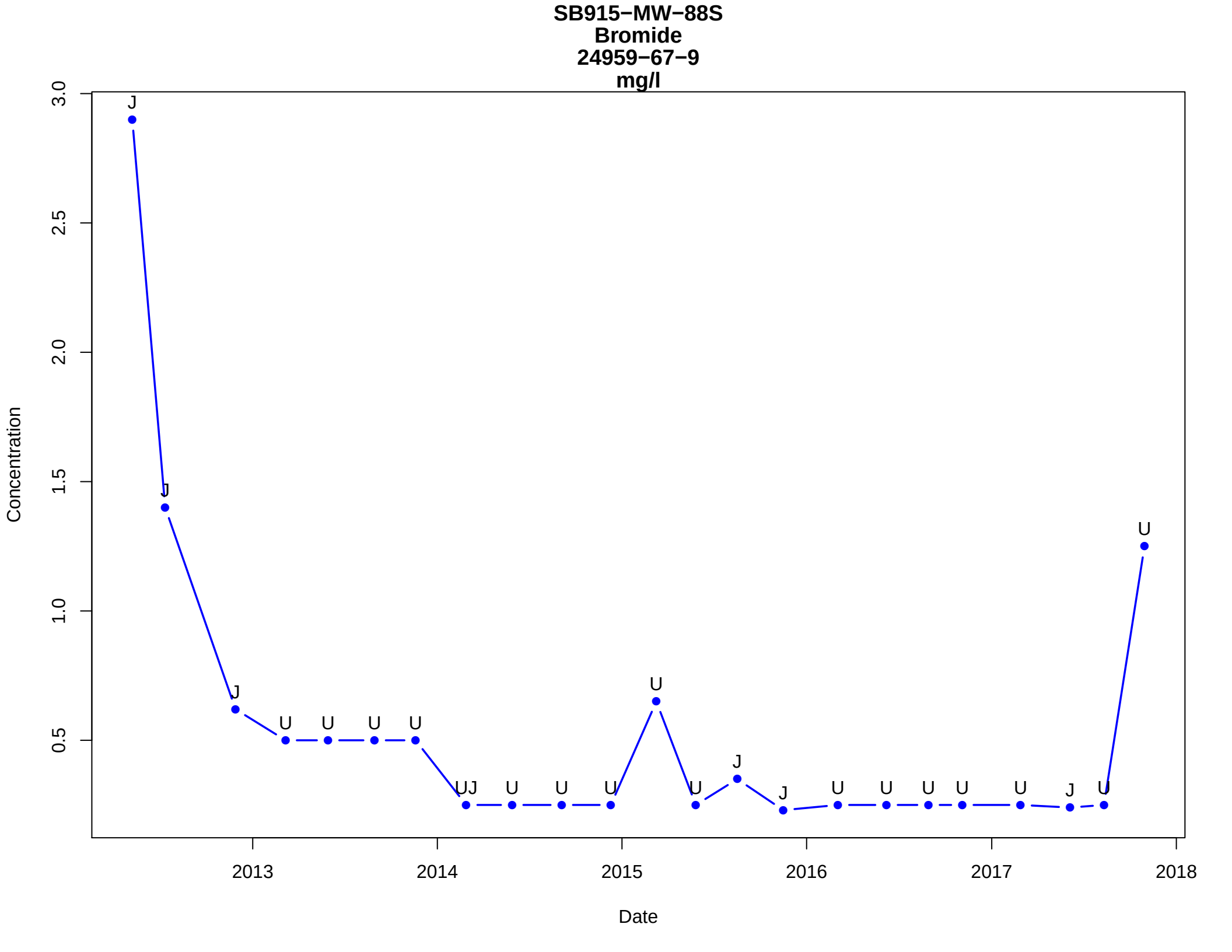

SB915−MW−88I
Nitrogen, Kjeldahl
KN
mg/L
Concentration
0
50
100
150
200
J
J
J+
J+
J
J−
J
J
2013
2014
2015
2016
2017
2018
Date

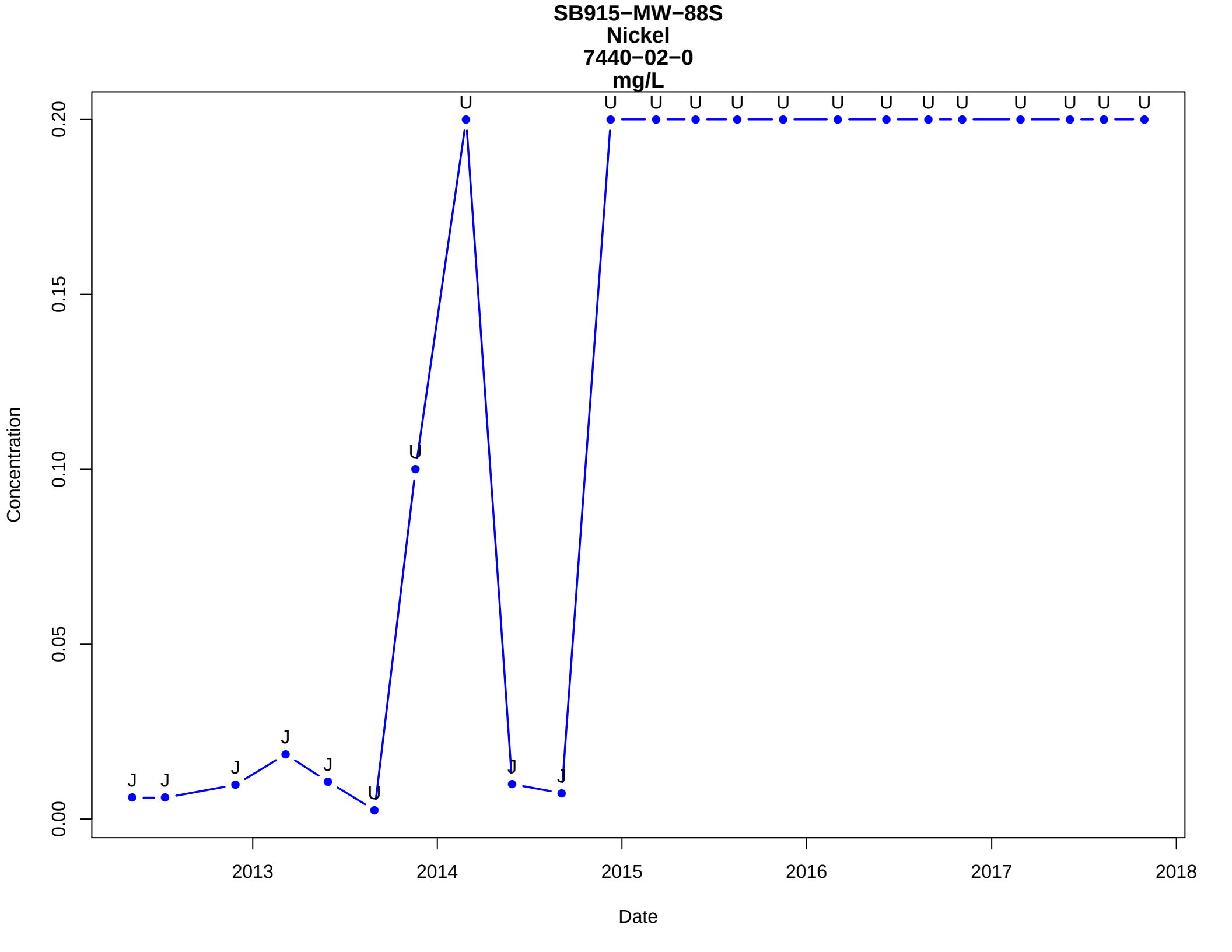

SB915-MW-88I
Ammonia
NH3N
mg/l
mg/L
Concentration
35
30
25
20
15
J
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1
2
3
4
5
6
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J−
J
J−
J−
J−
J−
J−


SB915−MW−88I
Phenolics, Total Recoverable
TOTREC−PHN
mg/l
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
0.12
U U UJ J U U J UJ U UJ J J U U U U U U U U
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88S
Chlorobenzene
108−90−7
ug/l
Concentration
0.5
1.0
1.5
2.0
2.5
3.0
3.5
U U J J J J J J J J J U U U J J J U
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88S
Bromide
24959−67−9
mg/l
Concentration
3.0
2.5
2.0
1.5
1.0
0.5
J
J
J
U
U
U
U
UJ
U
U
U
U
J
J
U
U
U
U
U
U
J
U
2013
2014
2015
2016
2017
2018
Date


SB915−MW−88S
Nickel
7440−02−0
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
U
U
J
J
U
U
U
U
U
U
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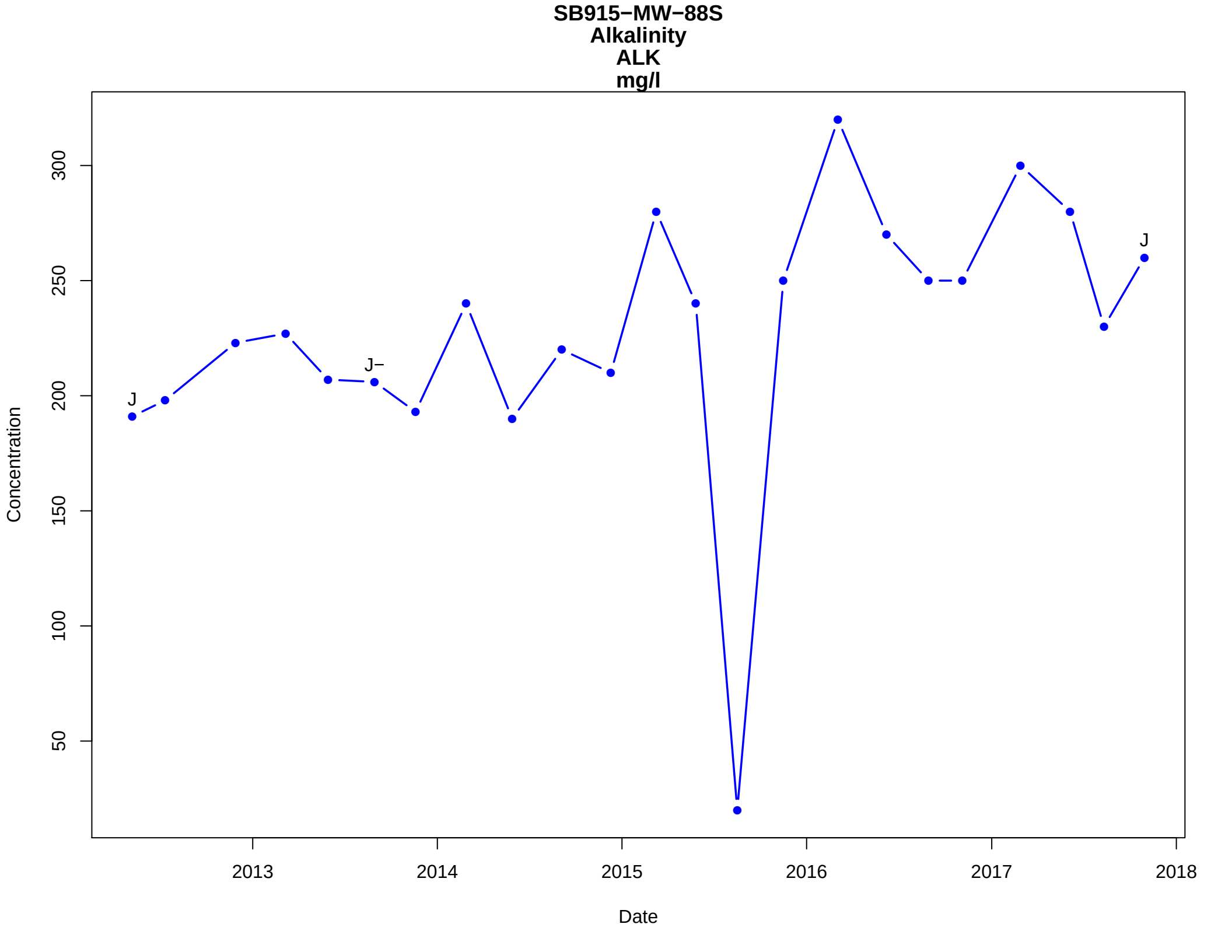
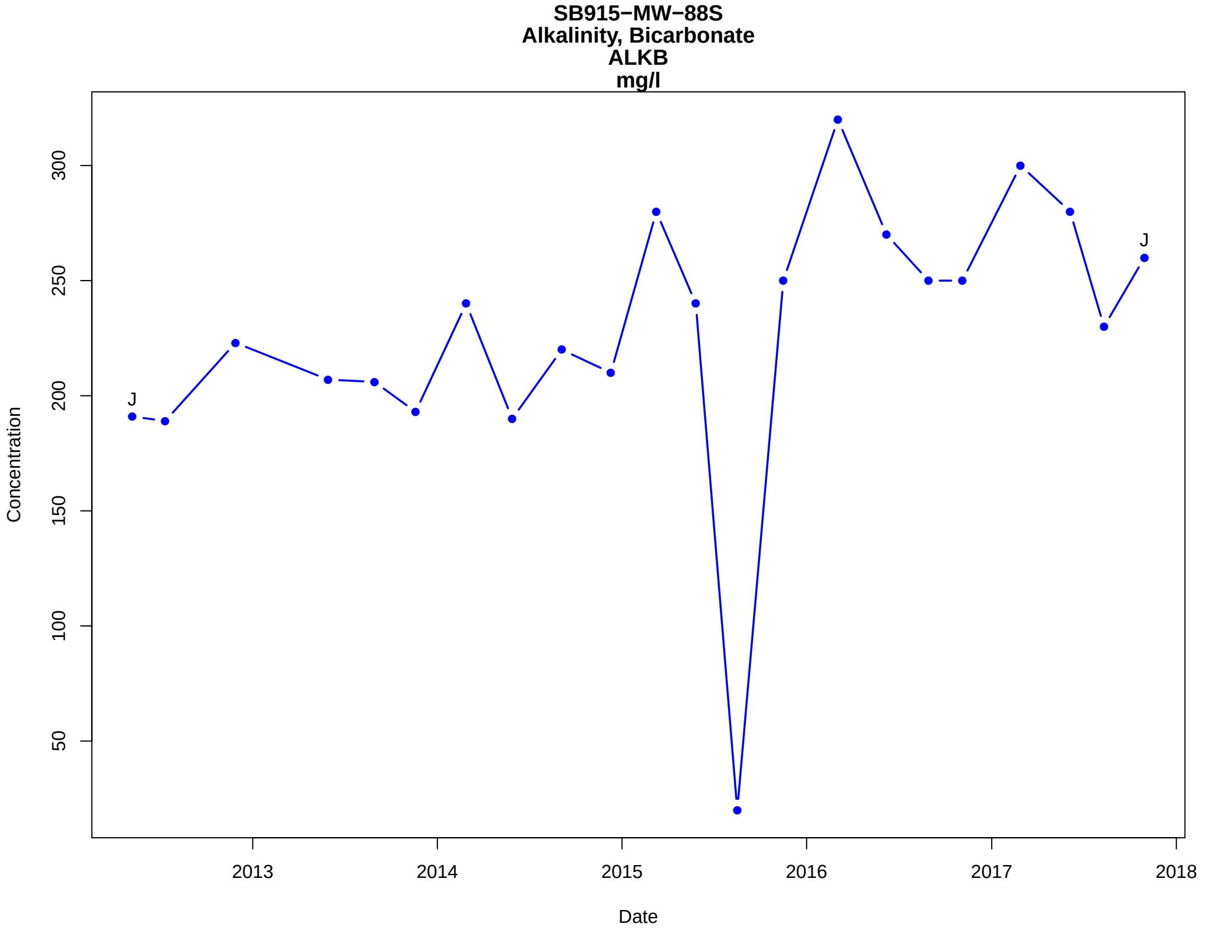
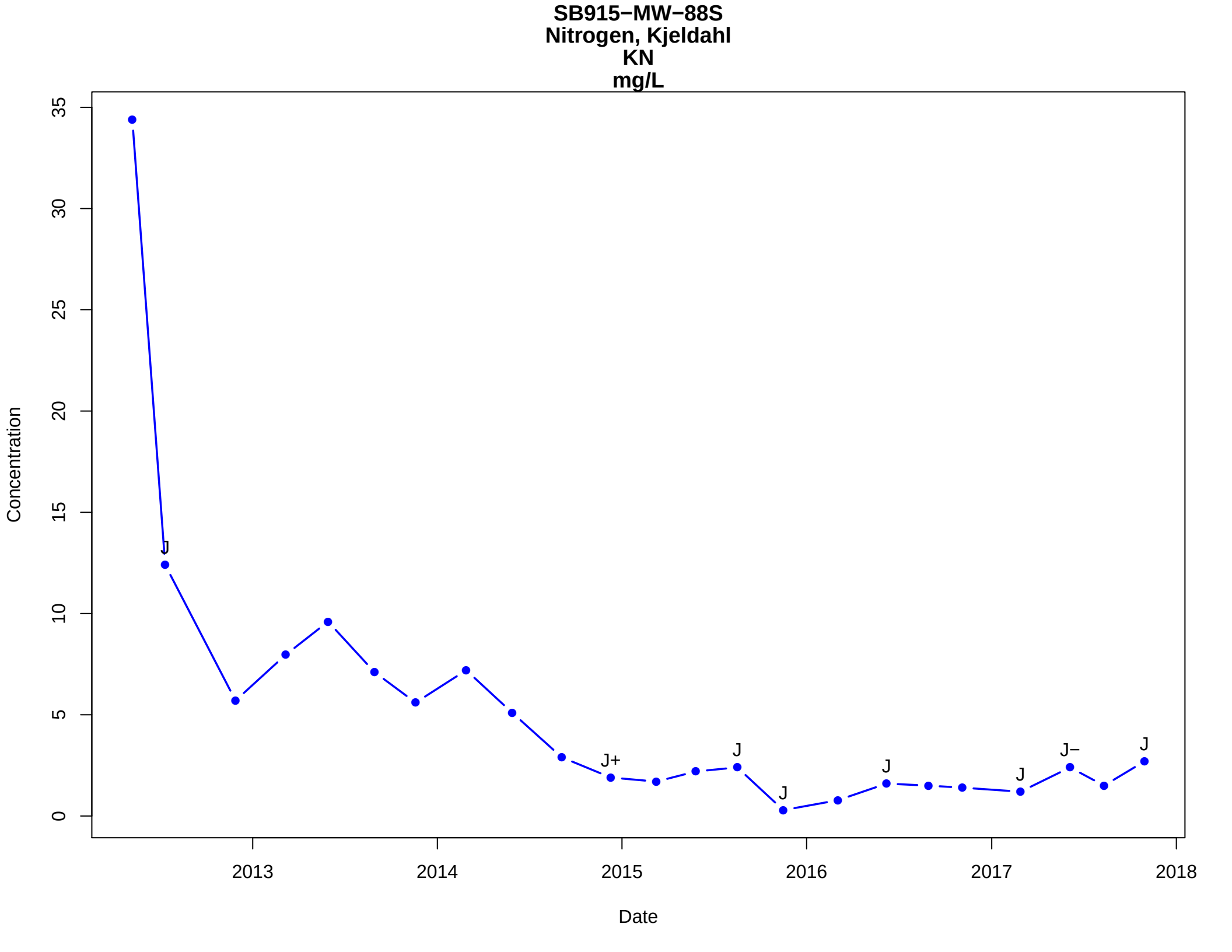
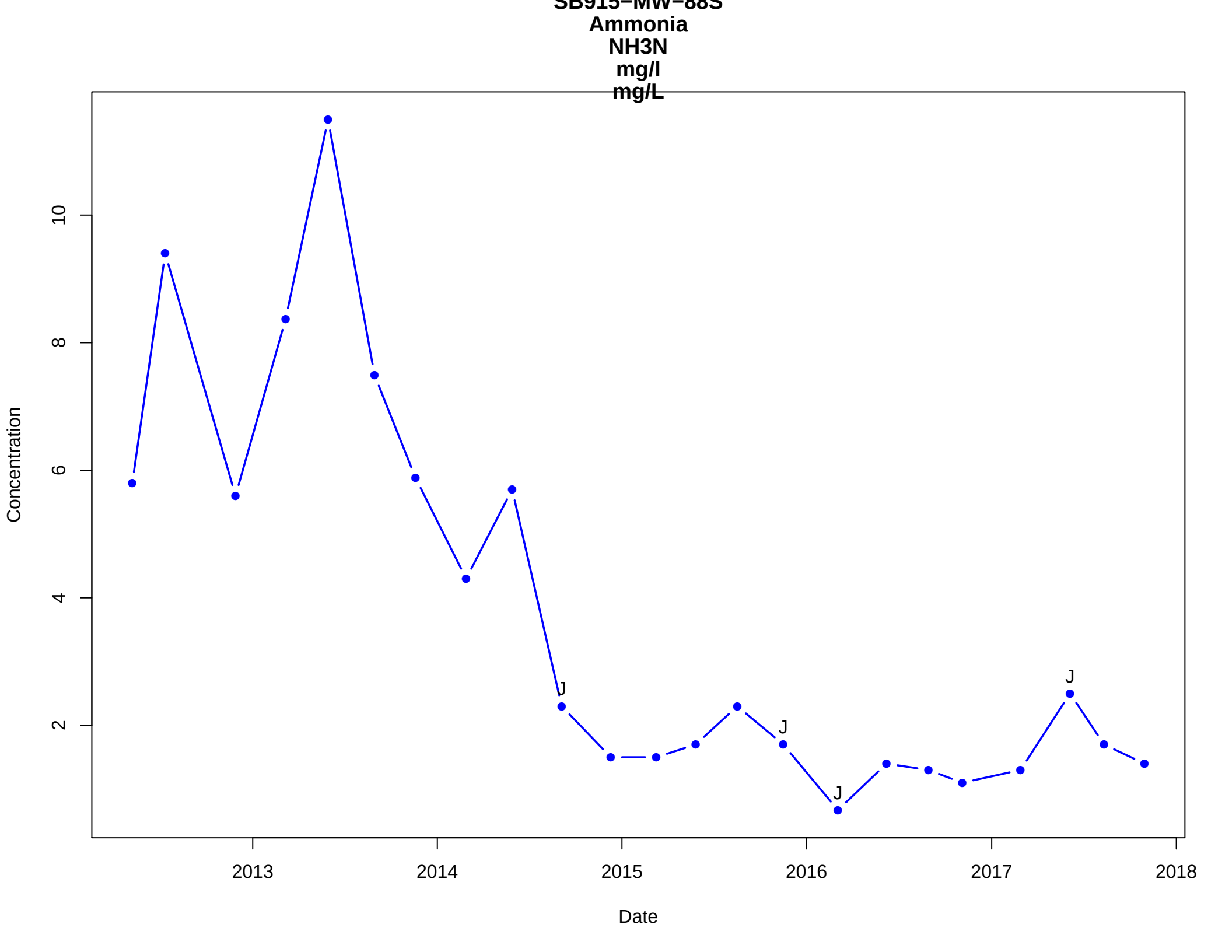
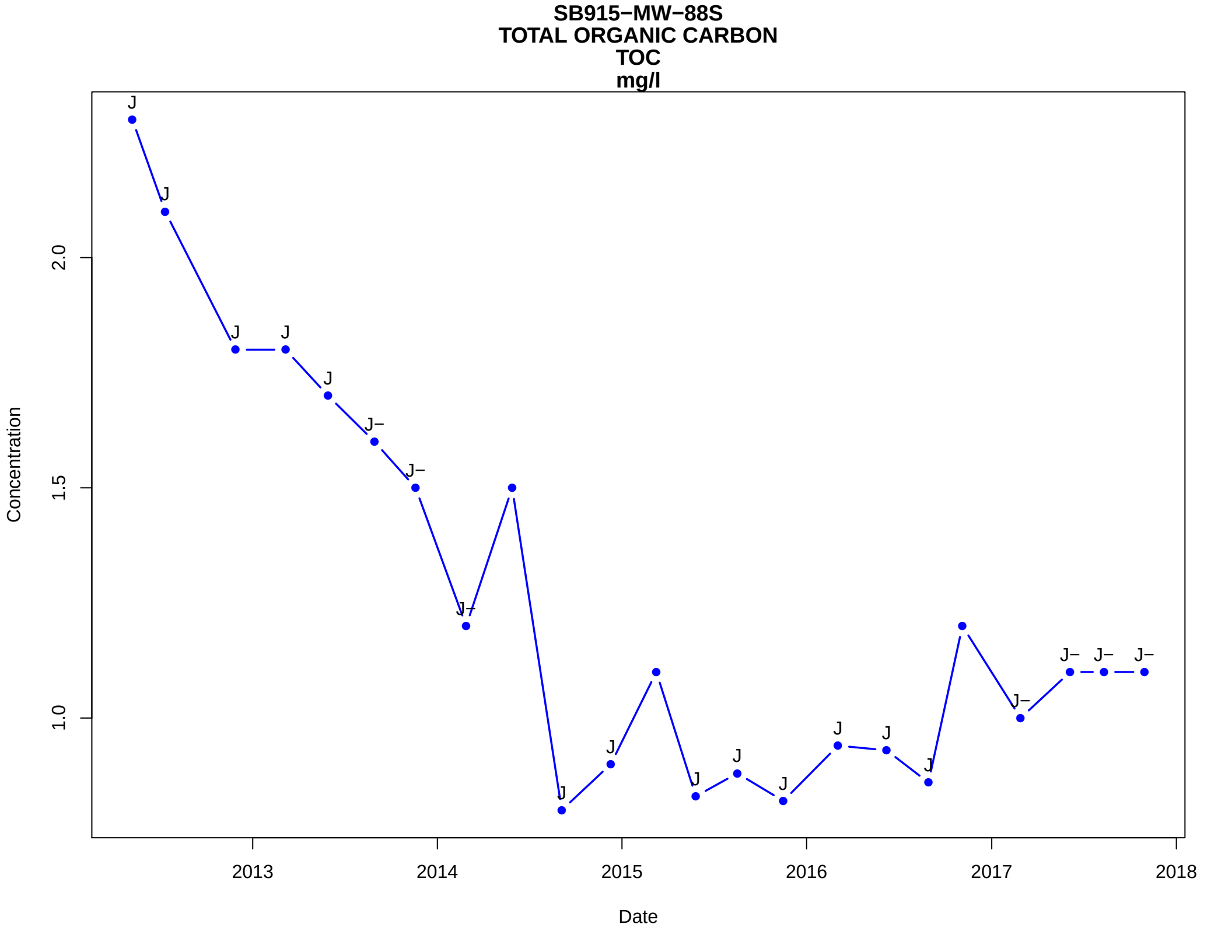
U
U
U
U
U

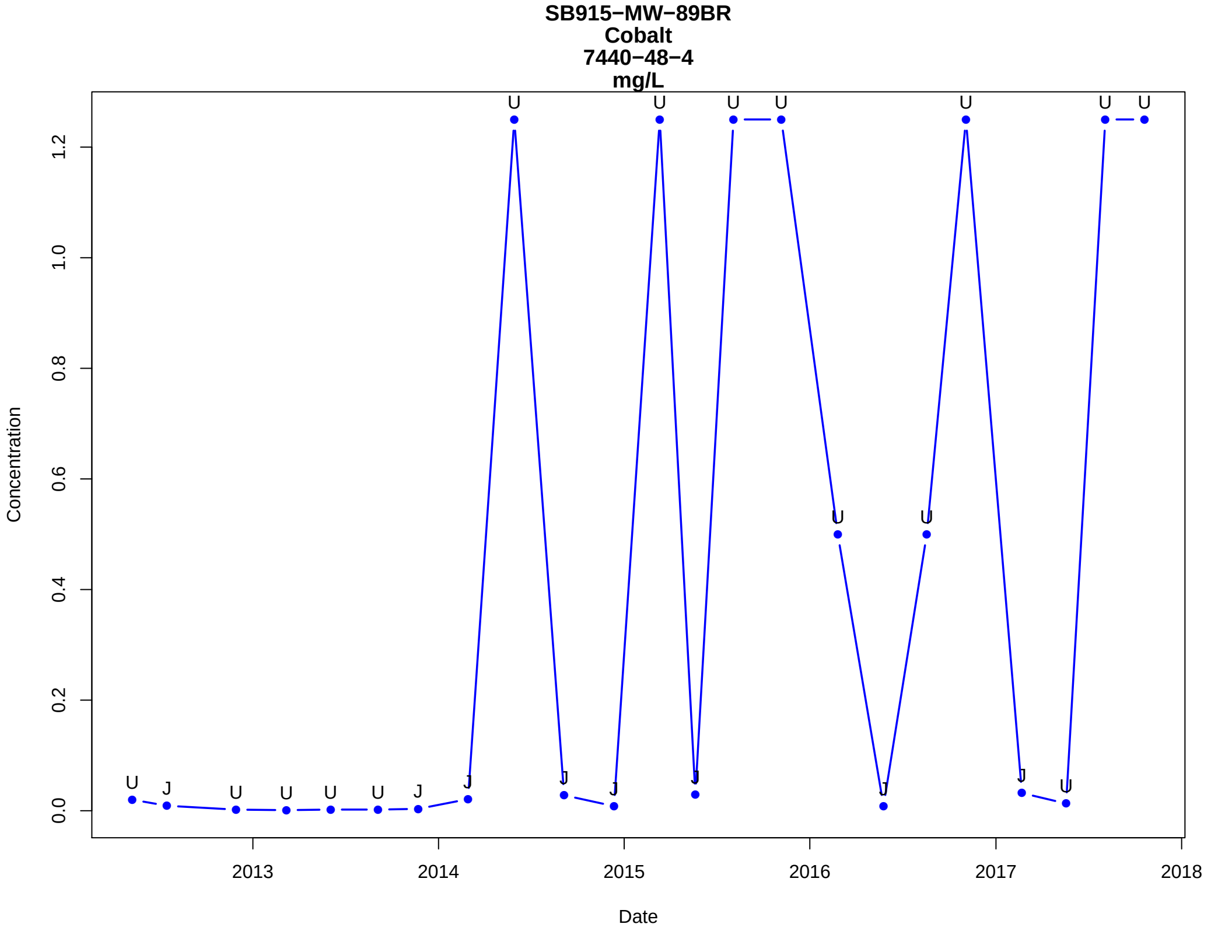

SB915−MW−88S
Alkalinity
ALK
mg/l
Concentration
50
100
150
200
250
300
2013
2014
2015
2016
2017
2018
Date
J
J−
J

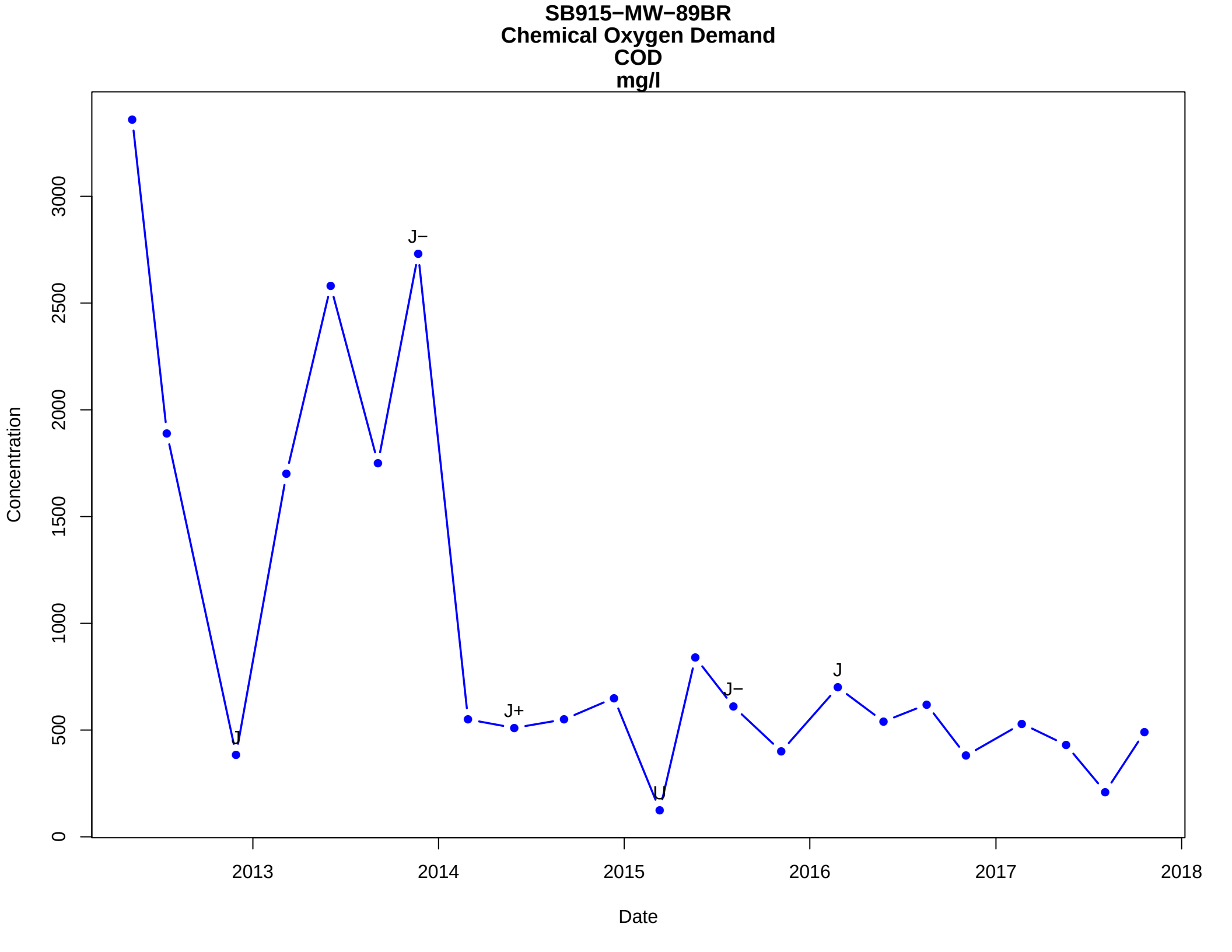

SB915−MW−88S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
50
100
150
200
250
300
J
J
2013
2014
2015
2016
2017
2018
Date

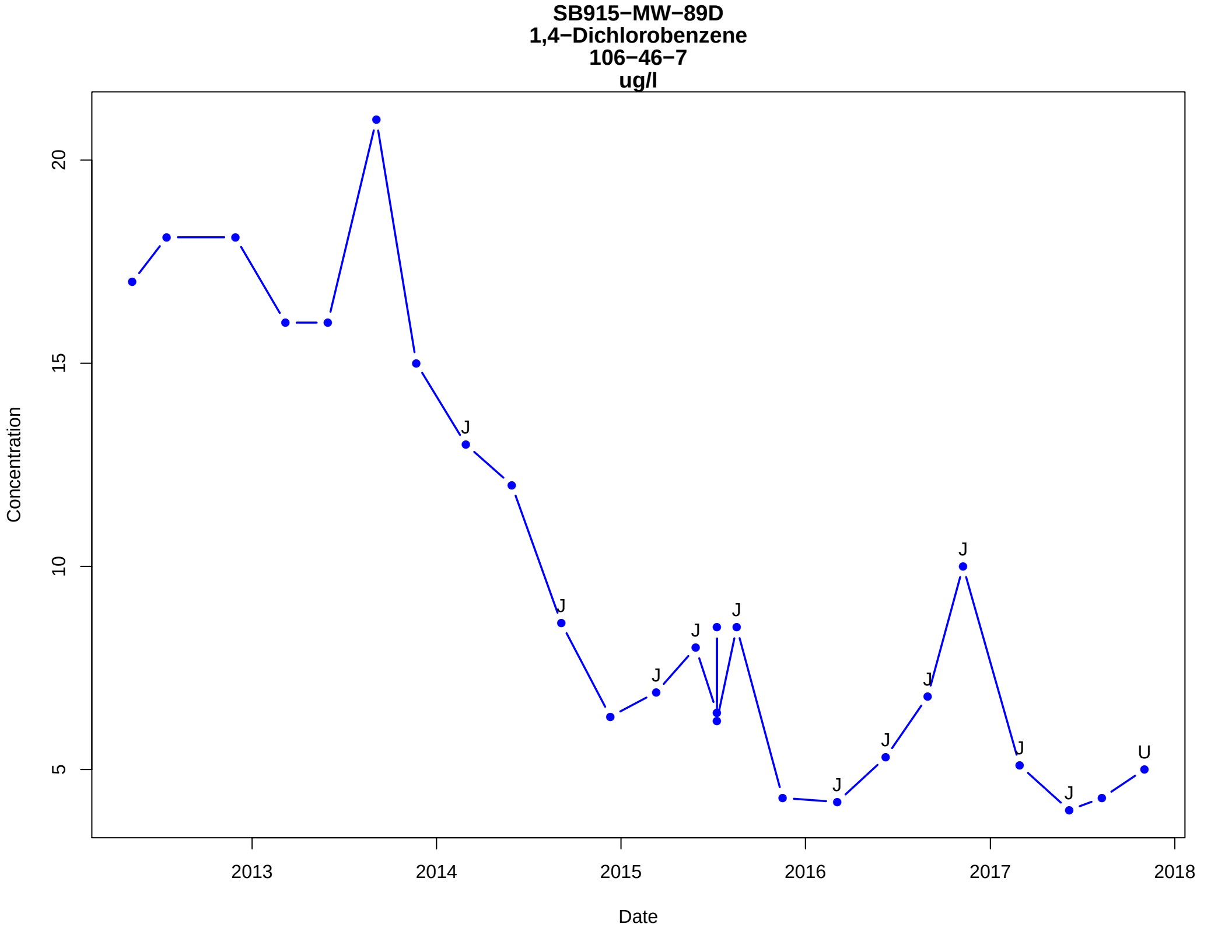

SB915−MW−88S
Nitrogen, Kjeldahl
KN
mg/L
Concentration
0
5
10
15
20
25
30
35
J
J+
J
J
J
J
J−
J
2013
2014
2015
2016
2017
2018
Date

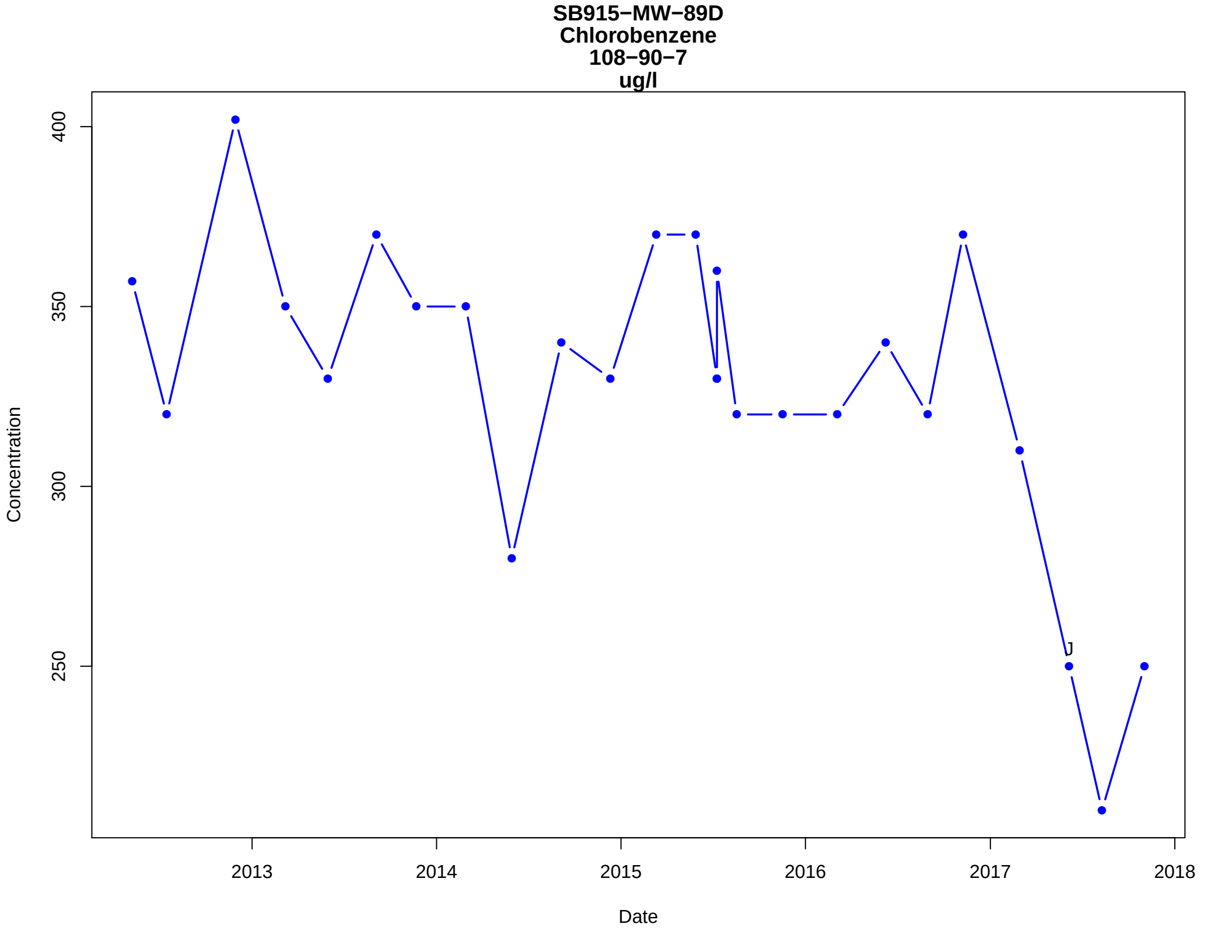

SB915-MW-88S
Ammonia
NH3N
mg/l
mg/L
Concentration
2
4
6
8
10
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

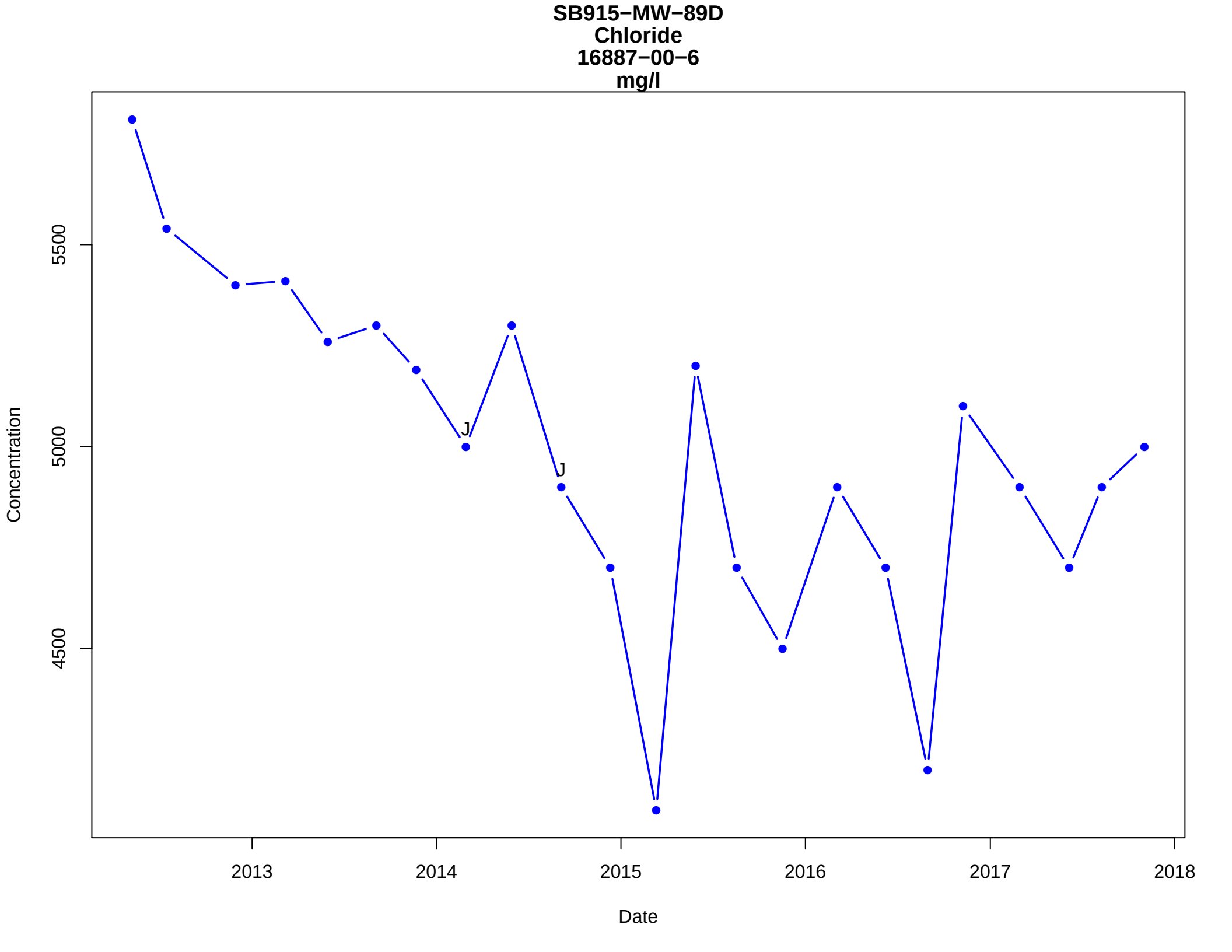

SB915−MW−88S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1.0
1.5
2.0
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J−
J−
J−
J
J
J
J
J
J
J
J
J
J−
J−
J−

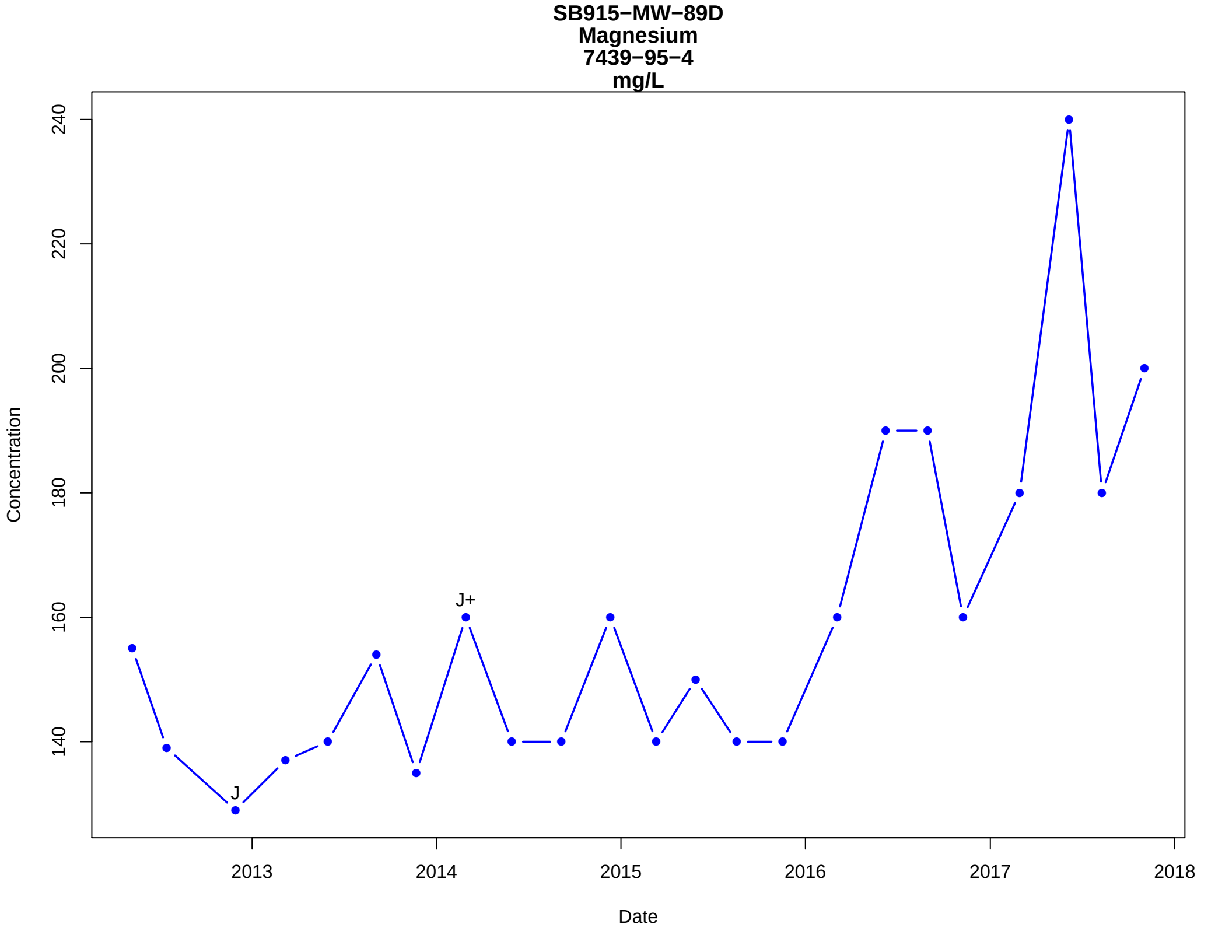

SB915−MW−89BR
Cobalt
7440−48−4
mg/L
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2013
2014
2015
2016
2017
2018
Date
U
J
U
U
U
U
J
J
U
J
U
J
U
U
U
J
U
U
J
U
U
U

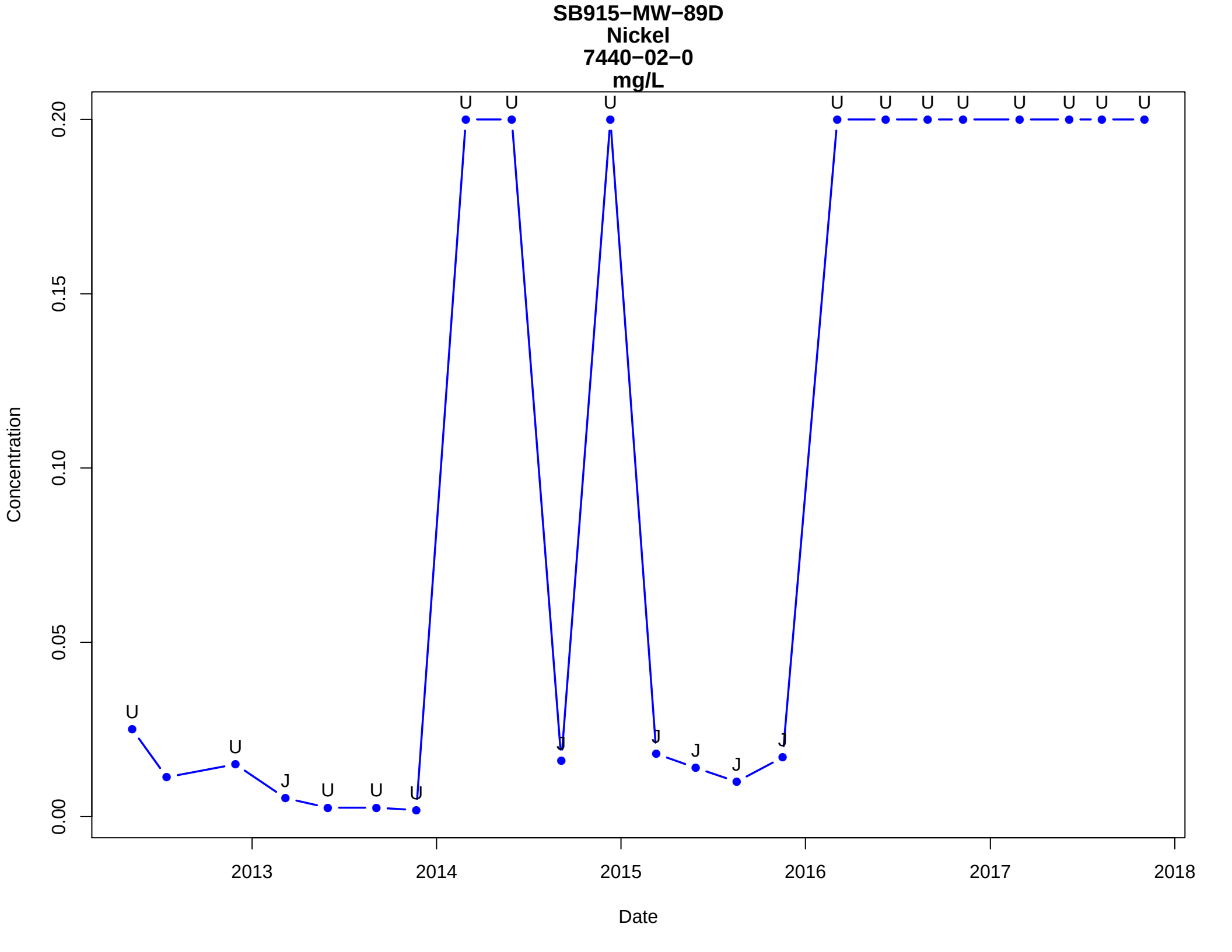

SB915−MW−89BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
J−
J
J+
U
J−
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−89D
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
5
10
15
20
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J
J
J
J
J
J
U


SB915−MW−89D
Chlorobenzene
108−90−7
ug/l
Concentration
400
350
300
250
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−89D
Chloride
16887−00−6
mg/l
Concentration
5500
5000
4500
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−89D
Magnesium
7439−95−4
mg/L
Concentration
240
220
200
180
160
140
J
J+
2013
2014
2015
2016
2017
2018
Date


SB915−MW−89D
Nickel
7440−02−0
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
U
U
U
J
U
U
U
U
U
J
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J
J
J
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U
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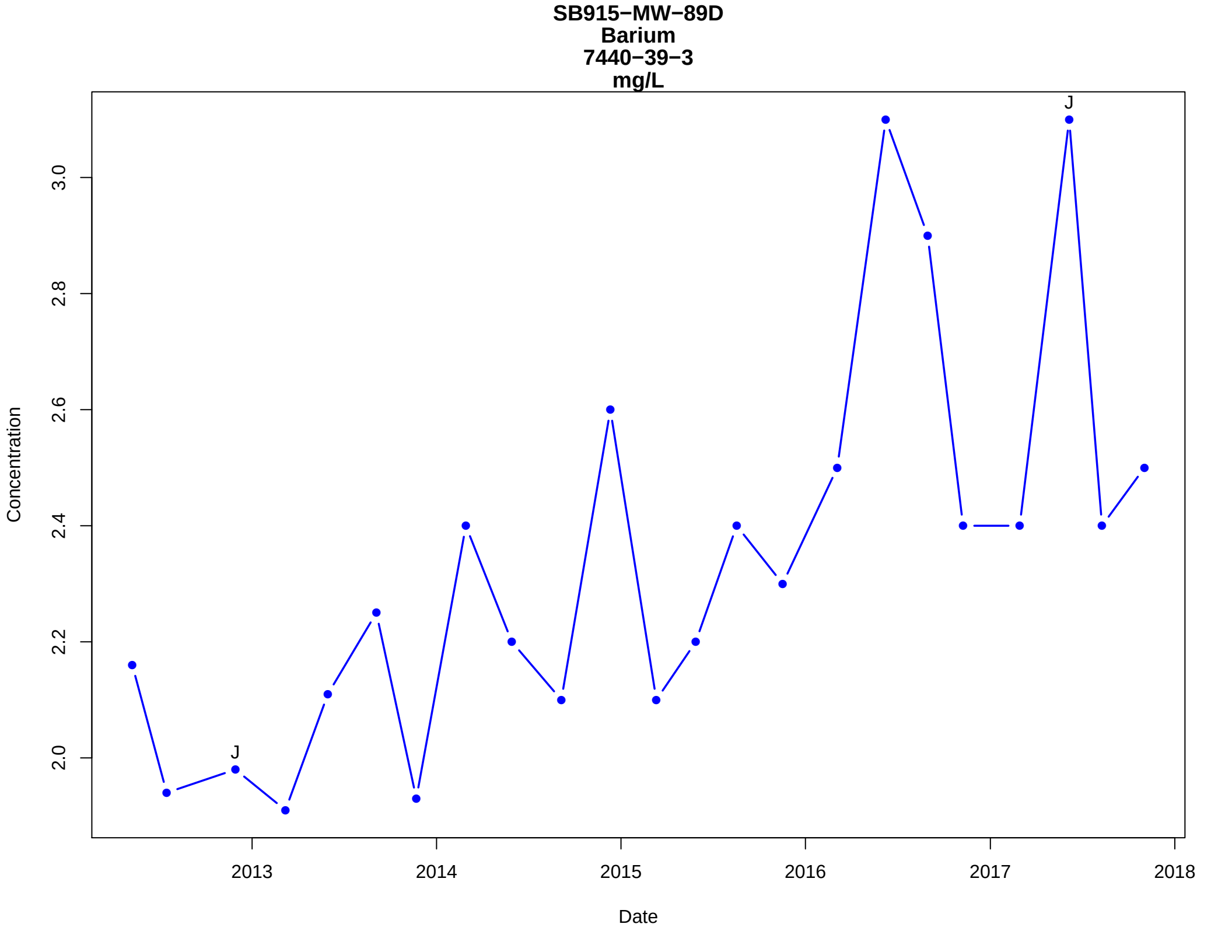
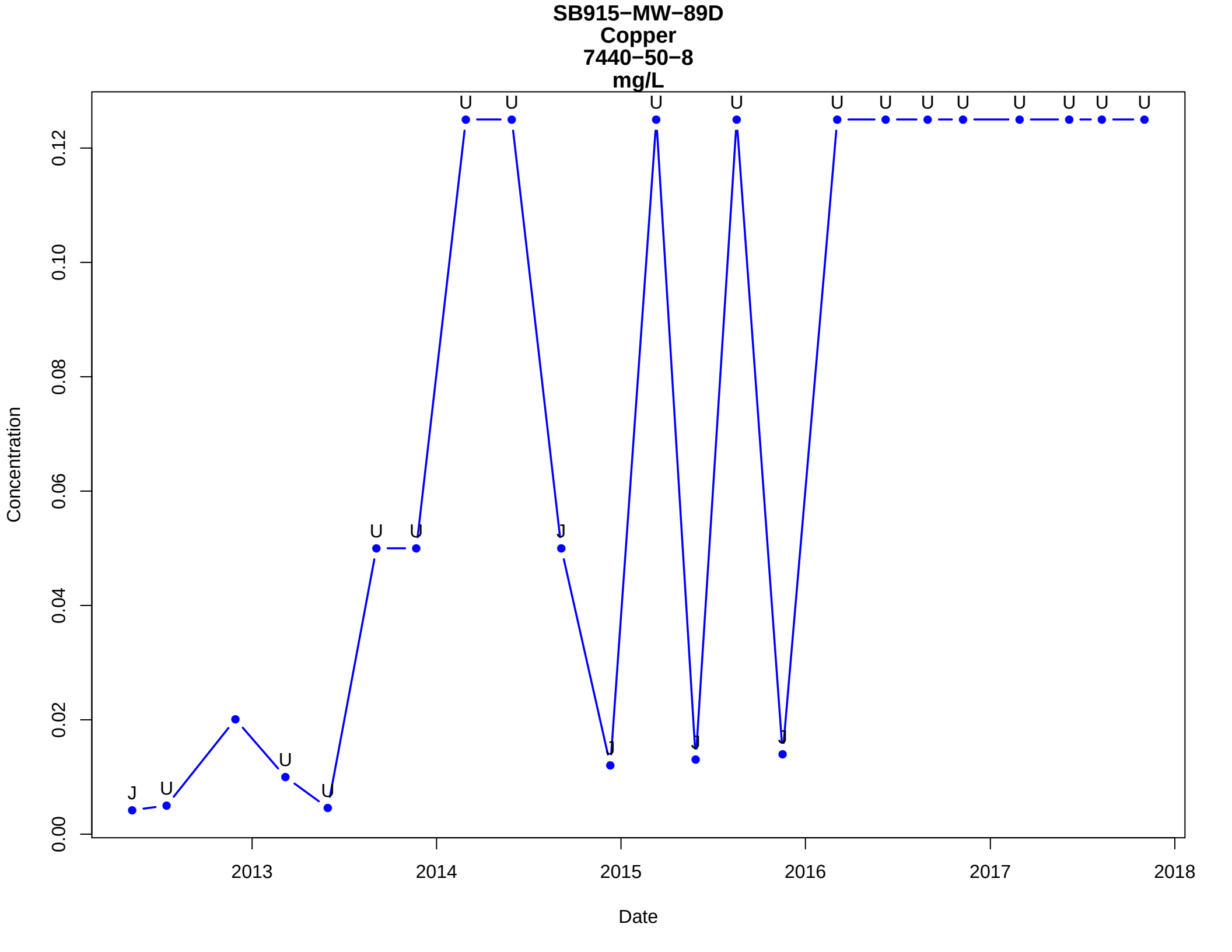
U
U


SB915−MW−89D
Barium
7440−39−3
mg/L
Concentration
2.0
2.2
2.4
2.6
2.8
3.0
J
J
2013
2014
2015
2016
2017
2018
Date


SB915−MW−89D
Copper
7440−50−8
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
2013
2014
2015
2016
2017
2018
Date
J
U
U
U
U
U
U
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U
J
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U
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U
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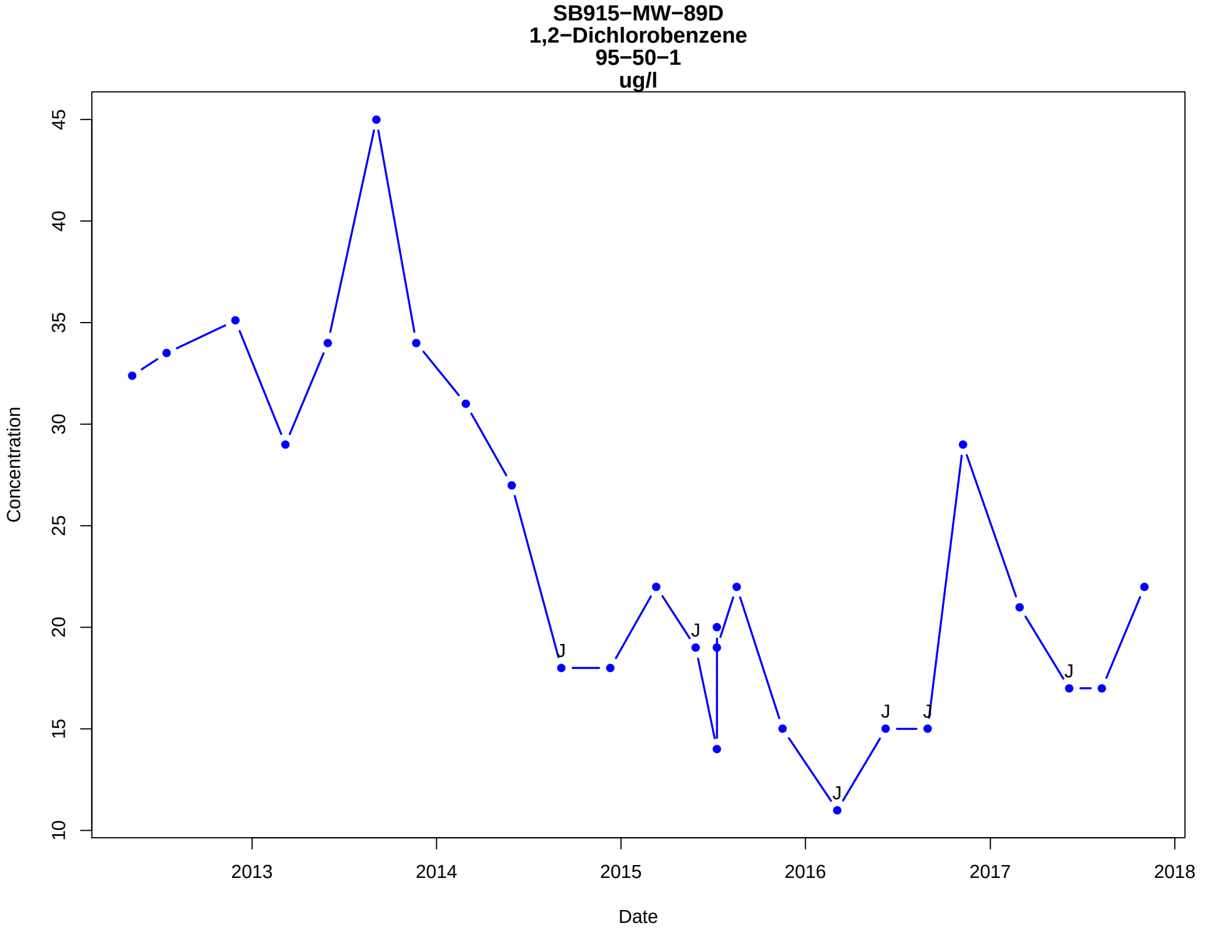
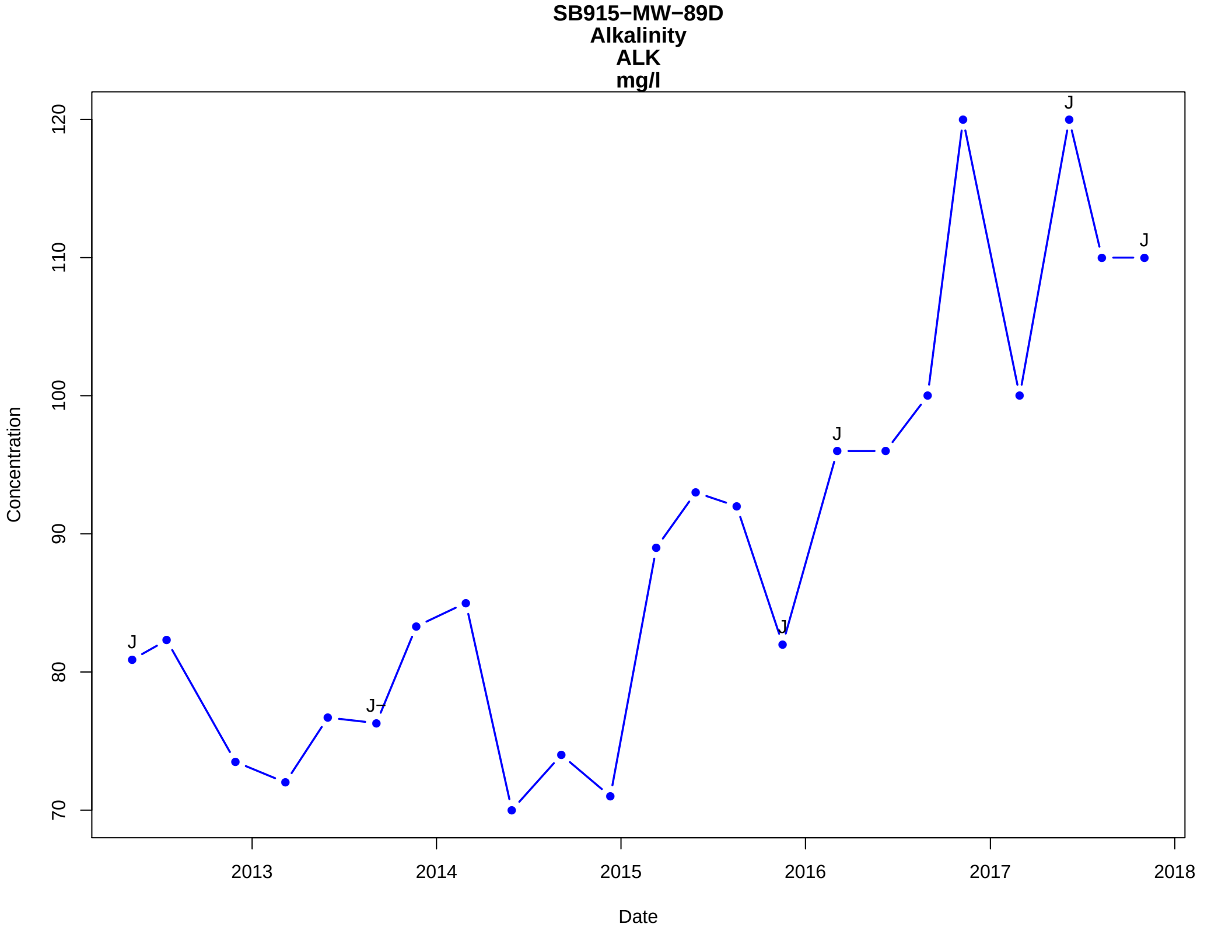
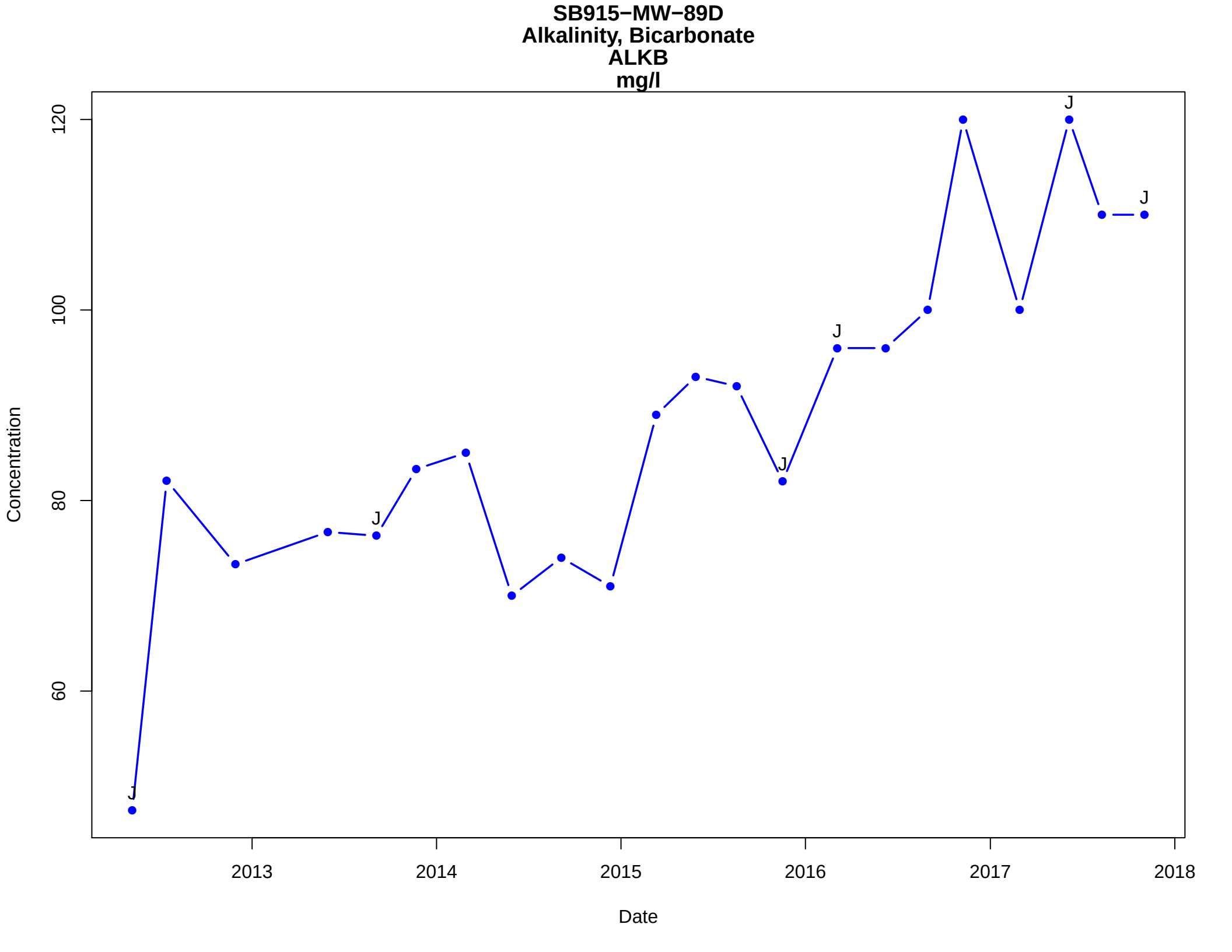
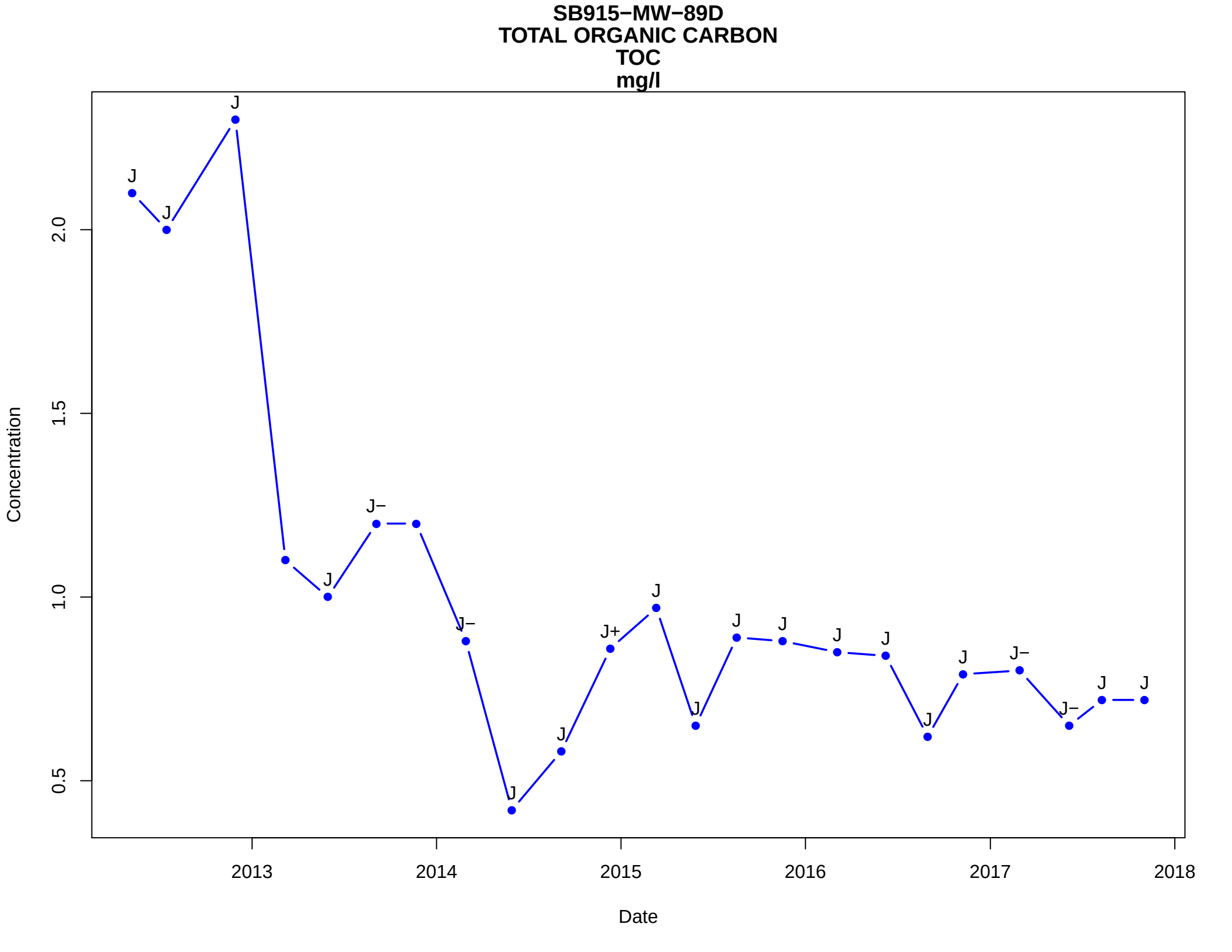
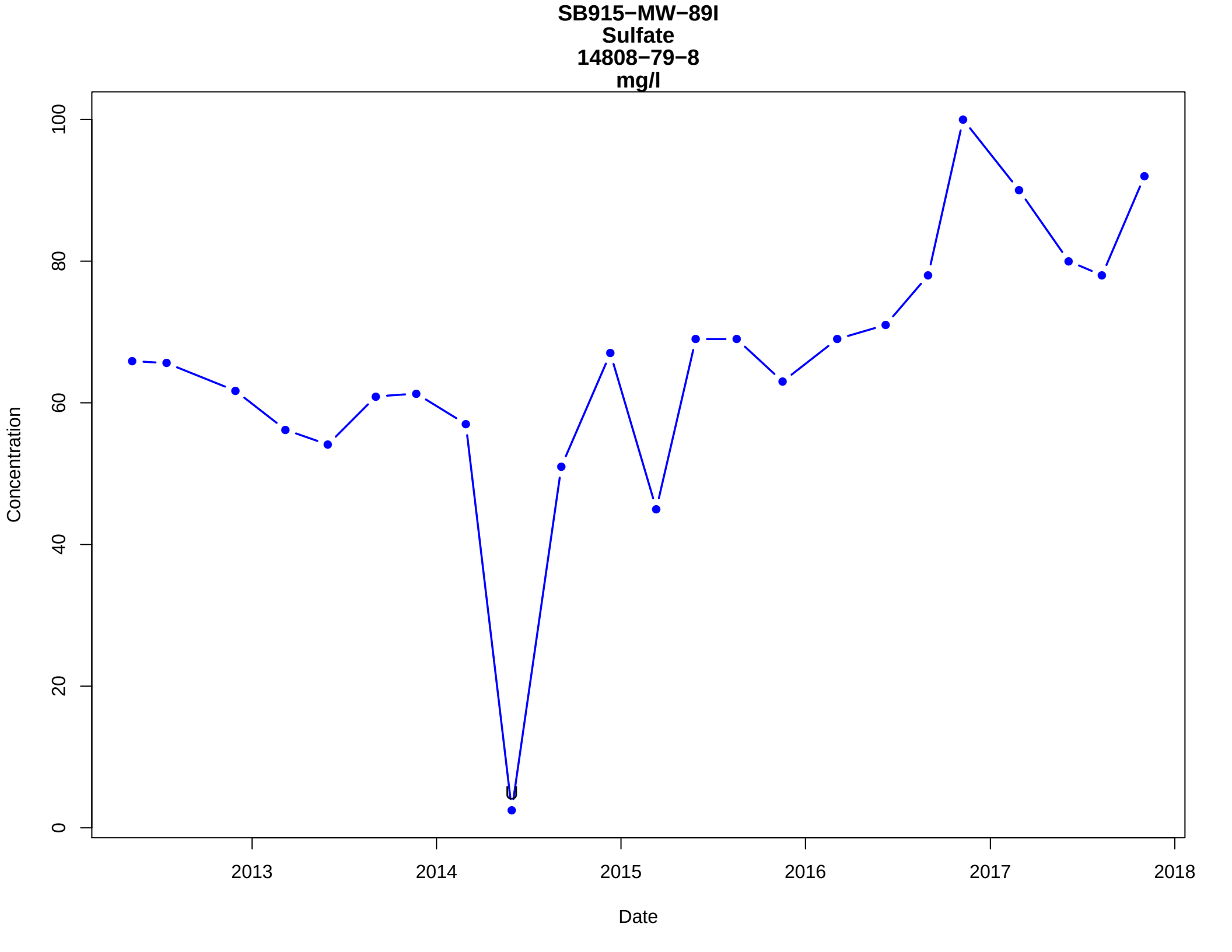
U
U

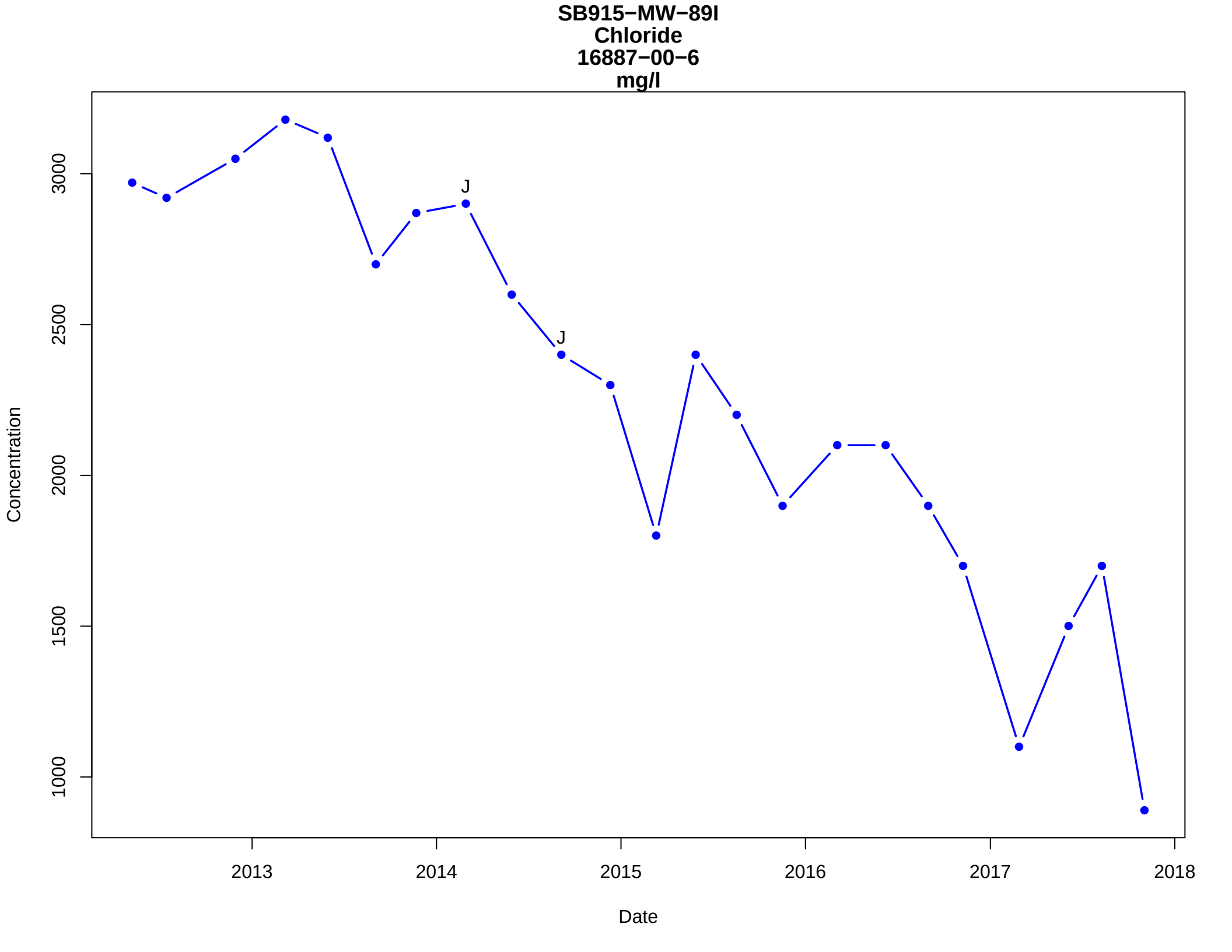

SB915−MW−89D
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
10
15
20
25
30
35
40
45
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J

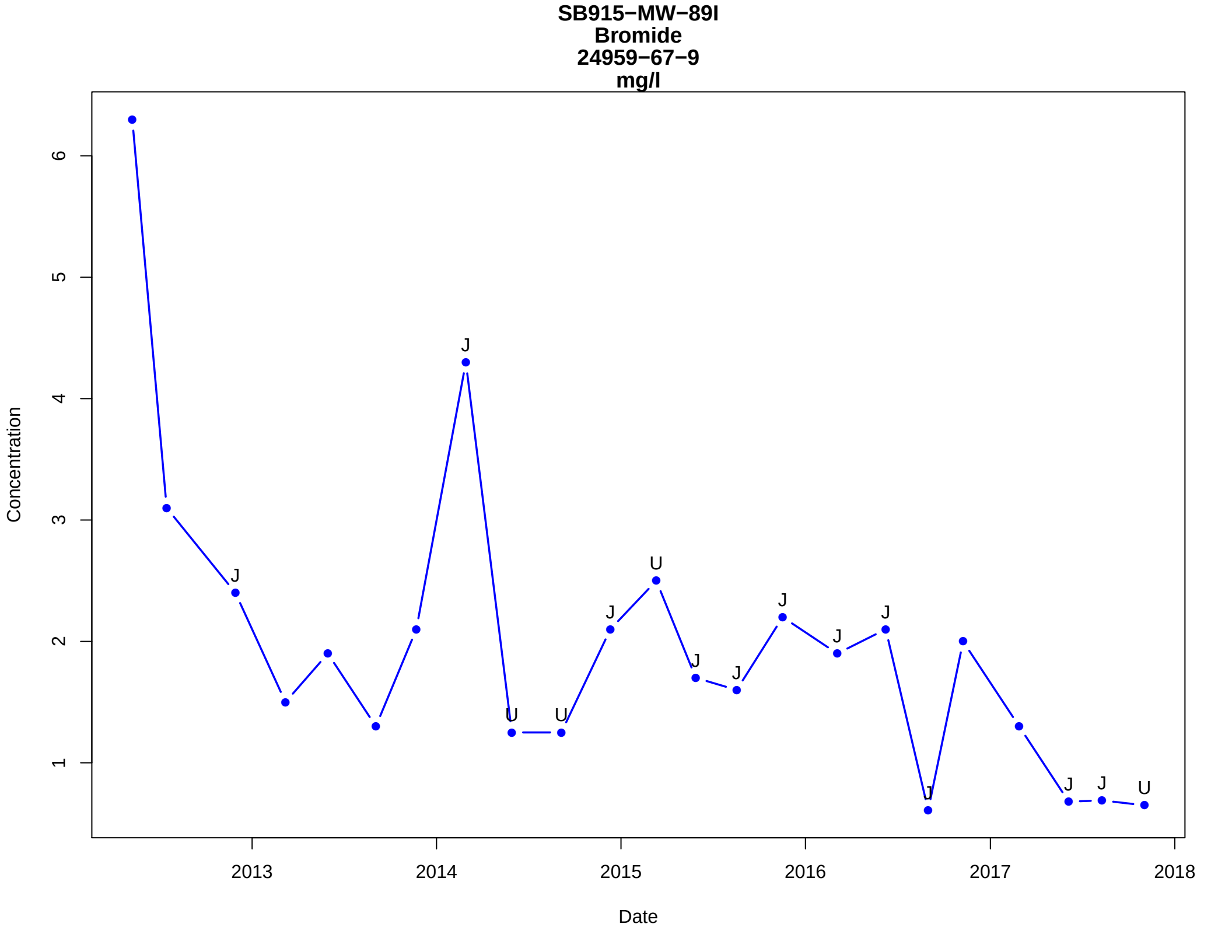

SB915−MW−89D
Alkalinity
ALK
mg/l
Concentration
70
80
90
100
110
120
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J

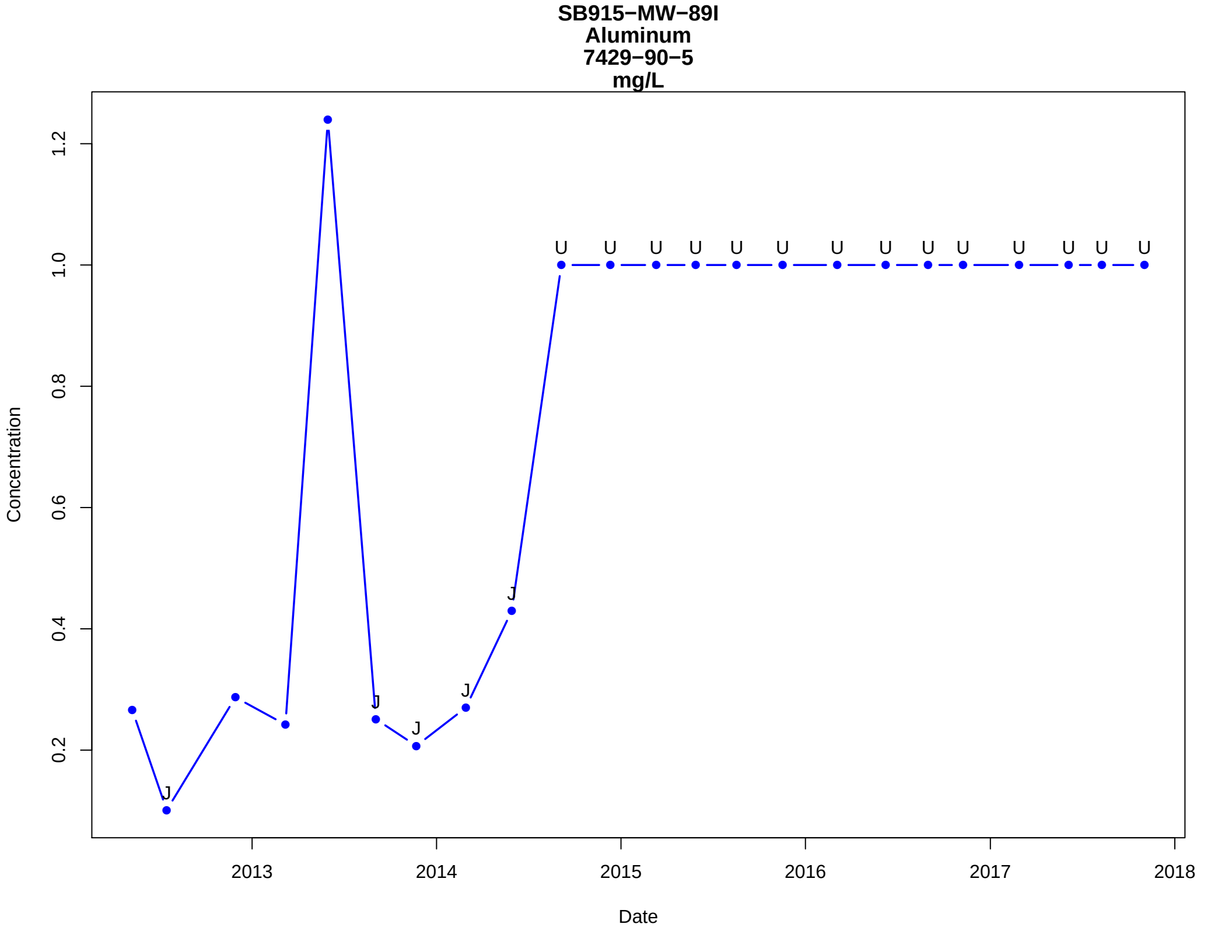

SB915−MW−89D
Alkalinity, Bicarbonate
ALKB
mg/l
120
100
80
60
Concentration
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

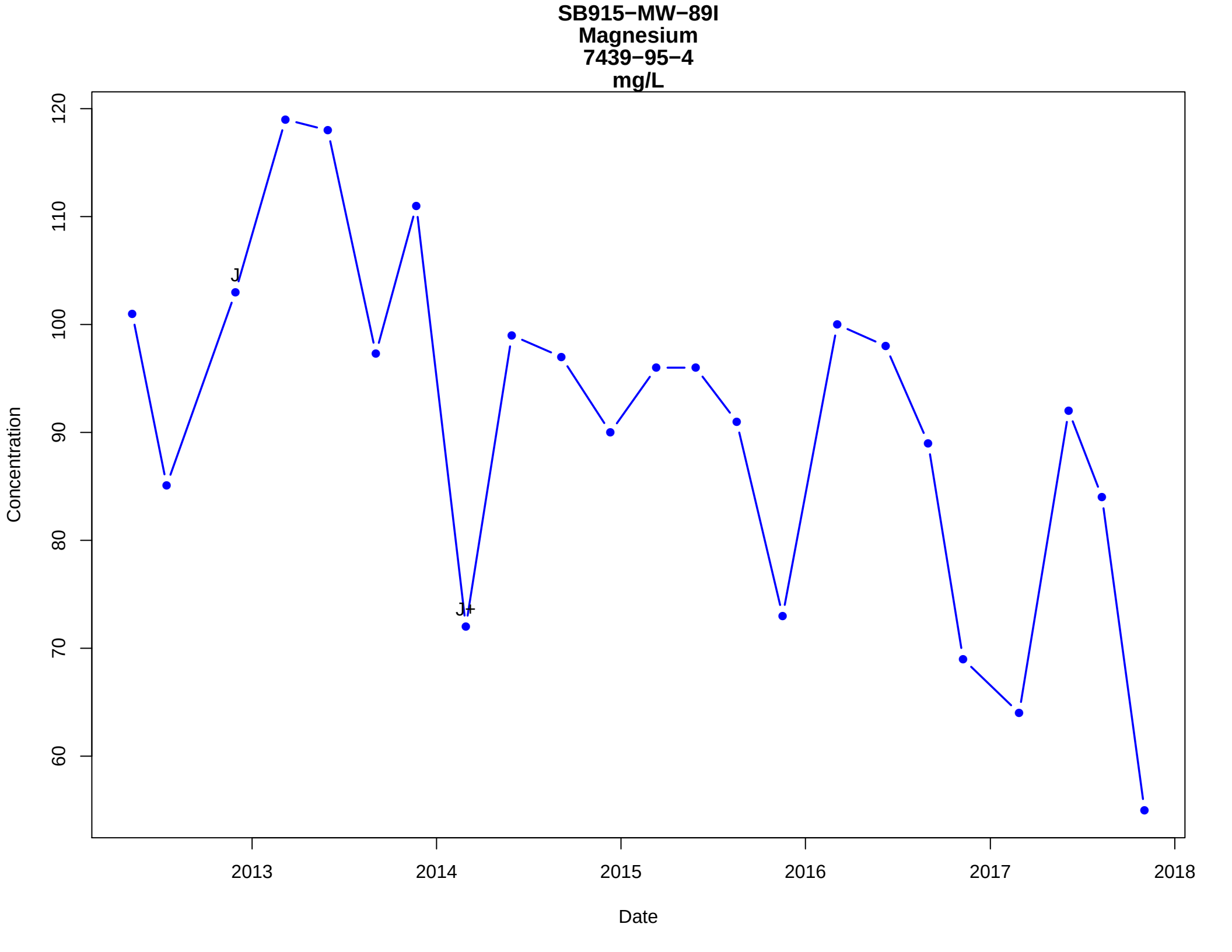

SB915−MW−89D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.5
1.0
1.5
2.0
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J−
J−
J
J
J+
J
J
J
J
J
J
J
J
J
J−
J−
J
J

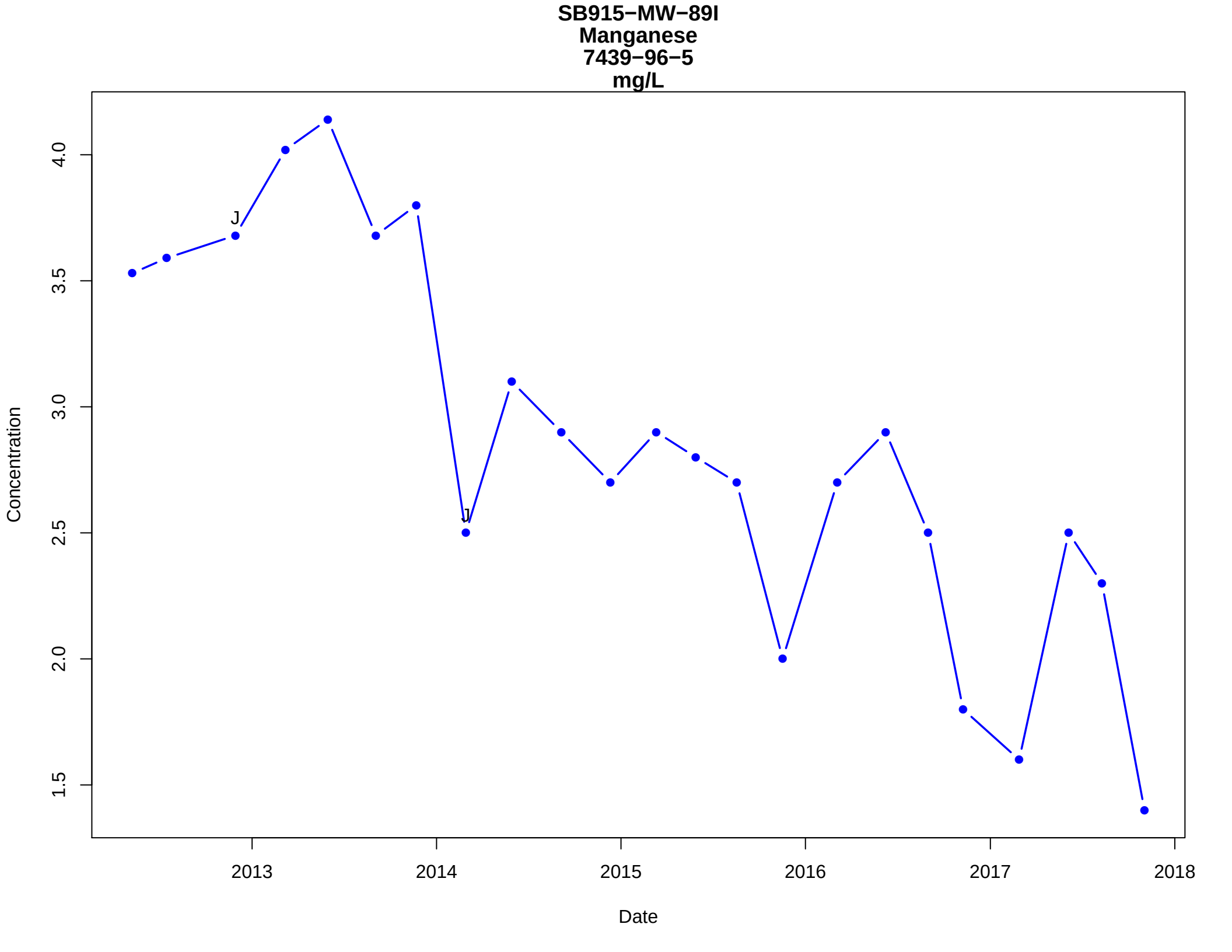

SB915−MW−89I
Sulfate
14808−79−8
mg/l
Concentration
0
20
40
60
80
100
U
2013
2014
2015
2016
2017
2018
Date

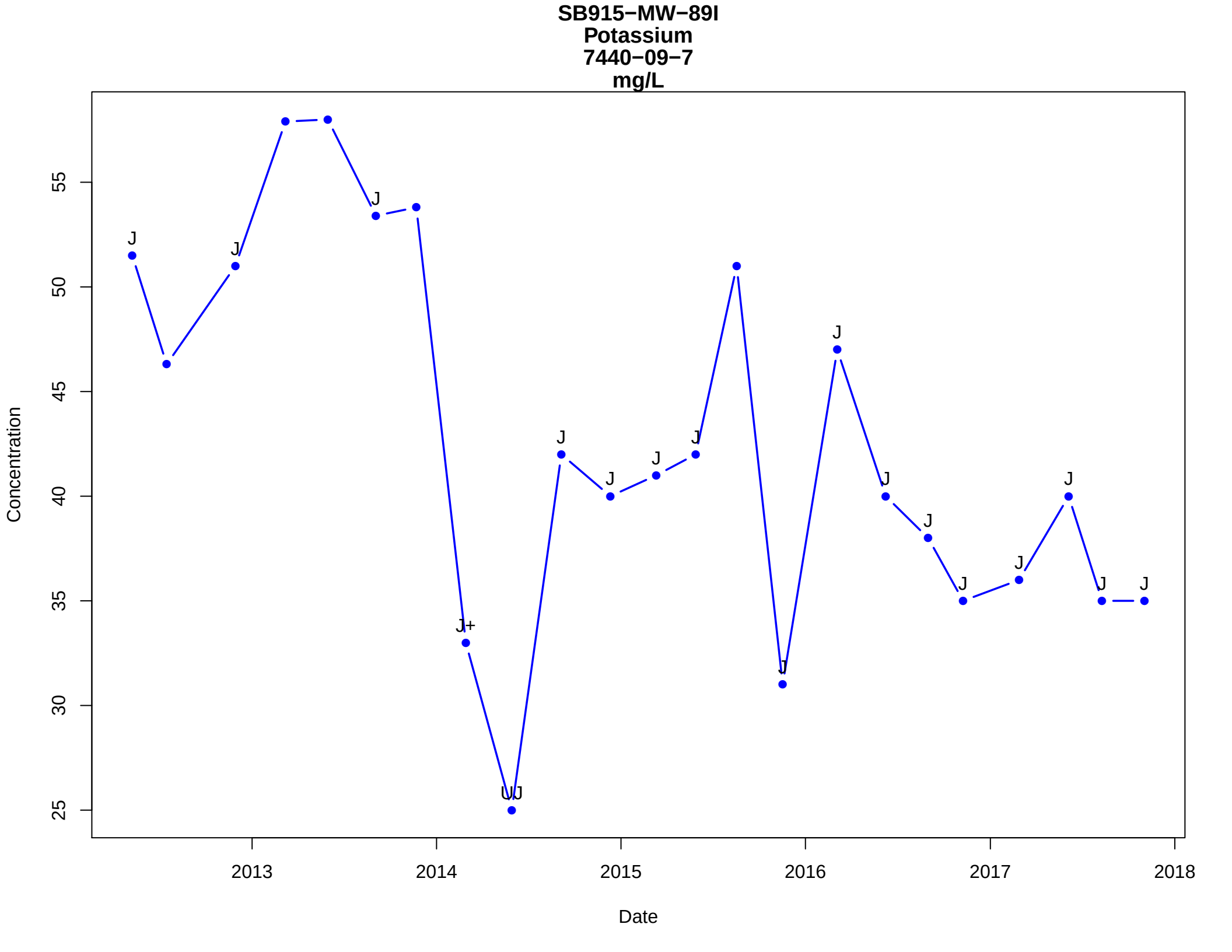

SB915−MW−89I
Chloride
16887−00−6
mg/l
Concentration
3000
2500
2000
1500
1000
J
J
2013
2014
2015
2016
2017
2018
Date

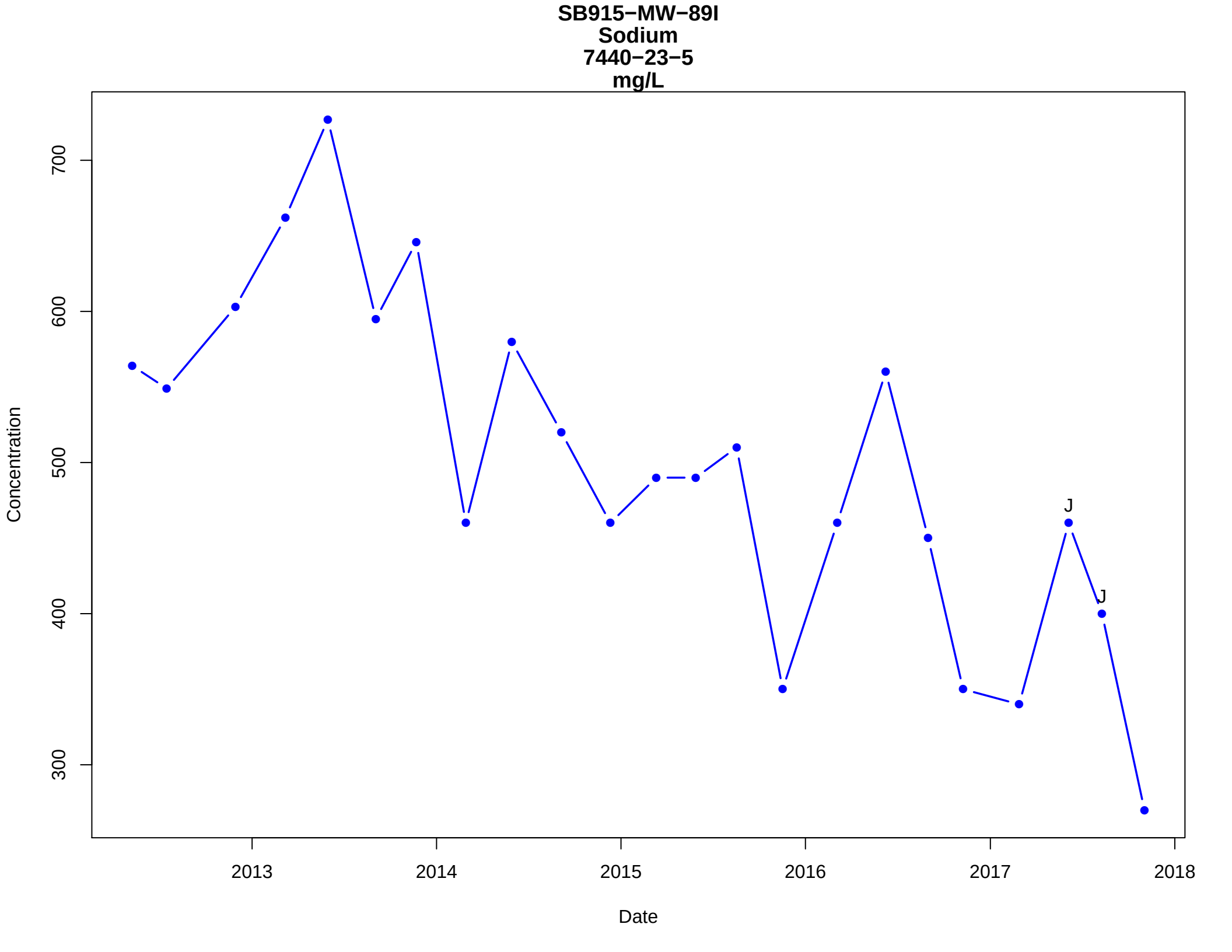

SB915−MW−89I
Bromide
24959−67−9
mg/l
Concentration
Date
1
2
3
4
5
6
2013
2014
2015
2016
2017
2018
J
J
J
U
U
J
U
J
J
J
J
J
J
U

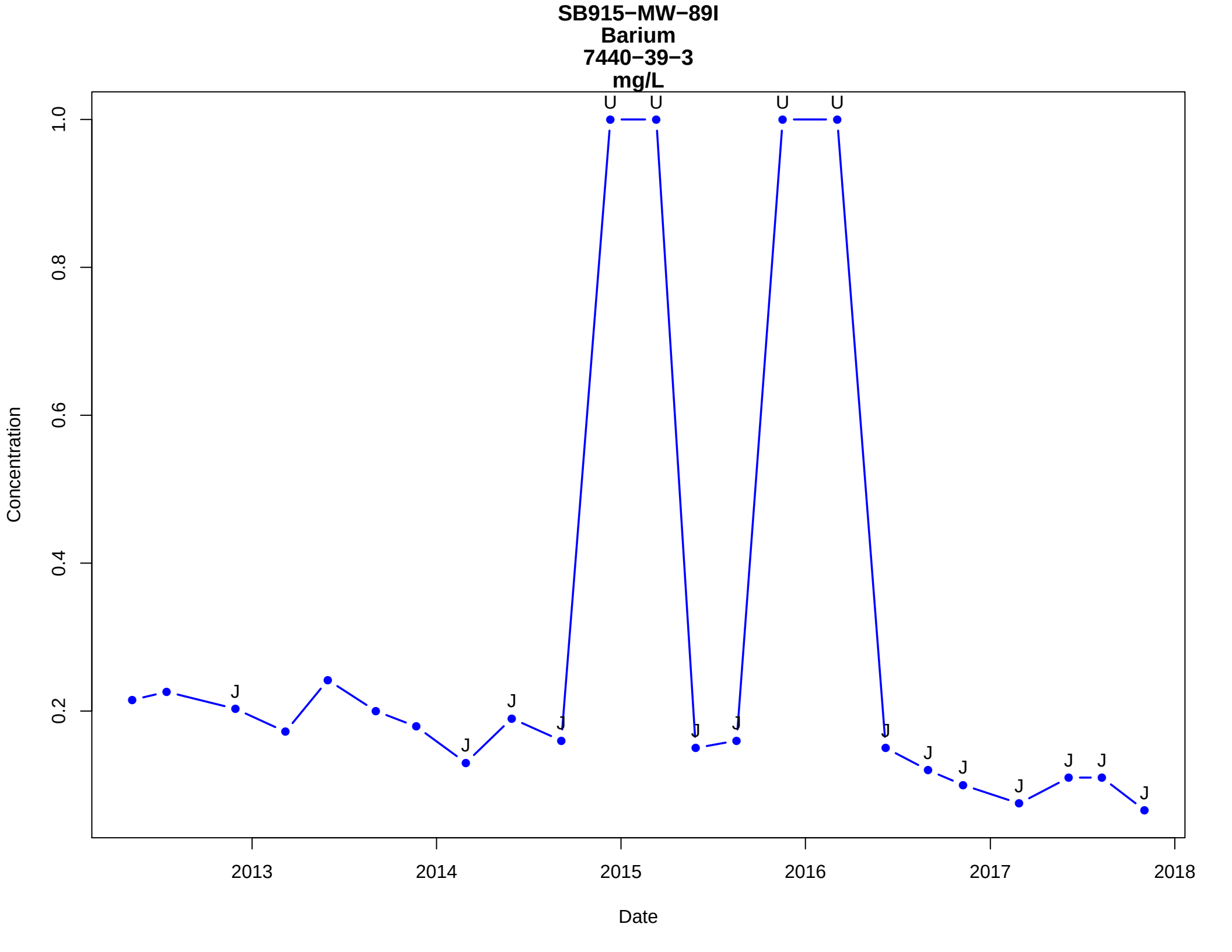

SB915−MW−89I
Aluminum
7429−90−5
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
1.2
J
J
J
J
J
U U U U U U U U U U U U U
2013
2014
2015
2016
2017
2018
Date

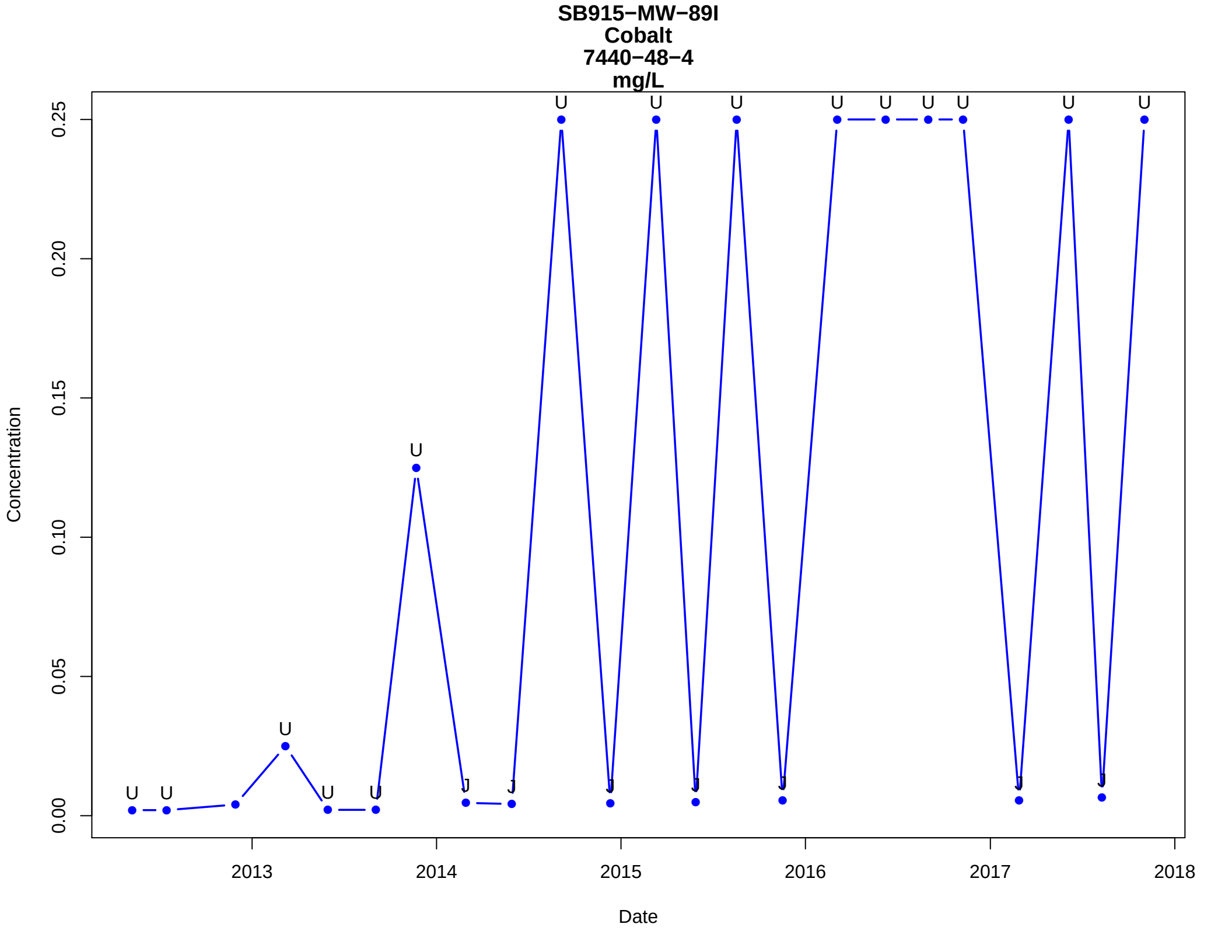

SB915−MW−89I
Magnesium
7439−95−4
mg/L
Concentration
120
110
100
90
80
70
60
J
J+
2013
2014
2015
2016
2017
2018
Date

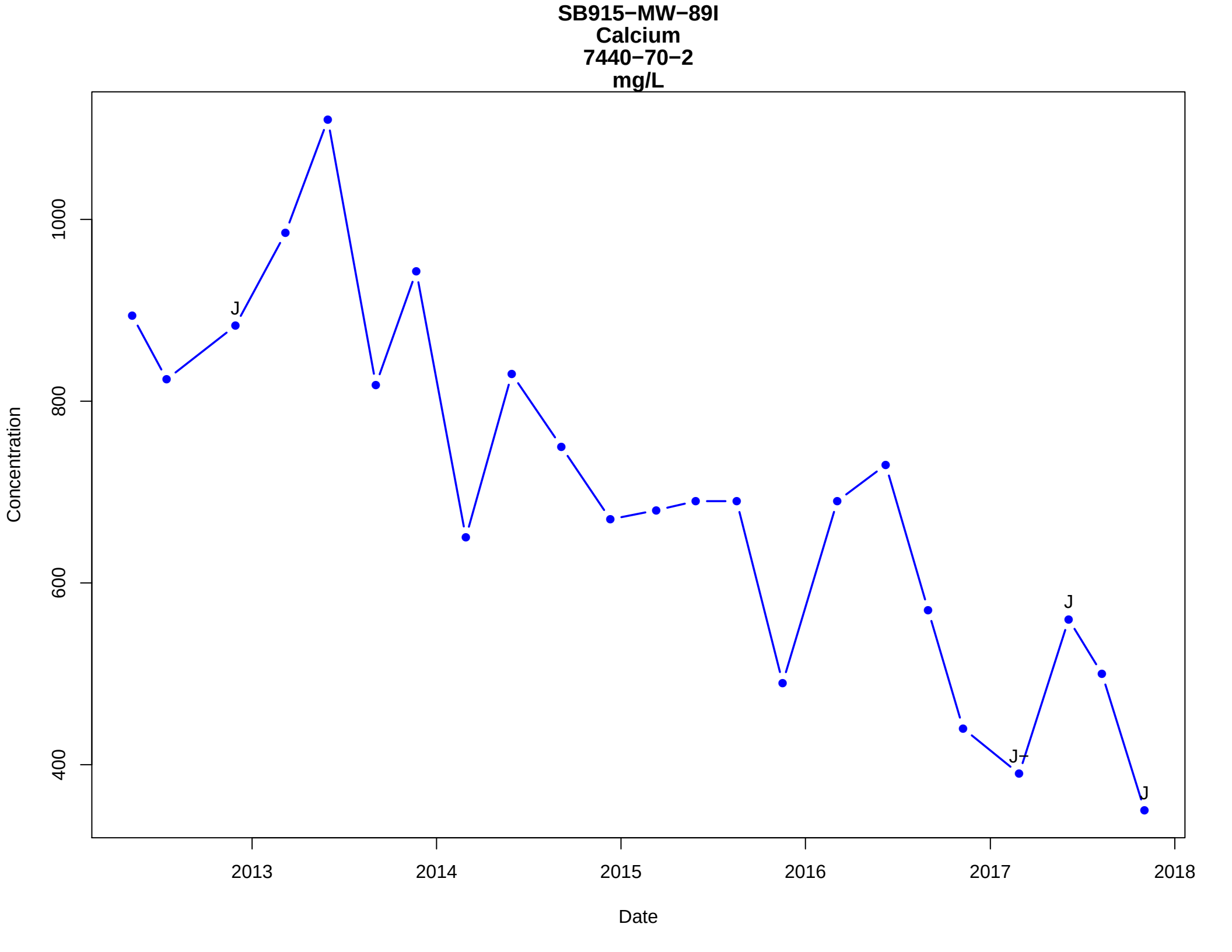

SB915−MW−89I
Manganese
7439−96−5
mg/L
Concentration
4.0
3.5
3.0
2.5
2.0
1.5
J
J
2013
2014
2015
2016
2017
2018
Date

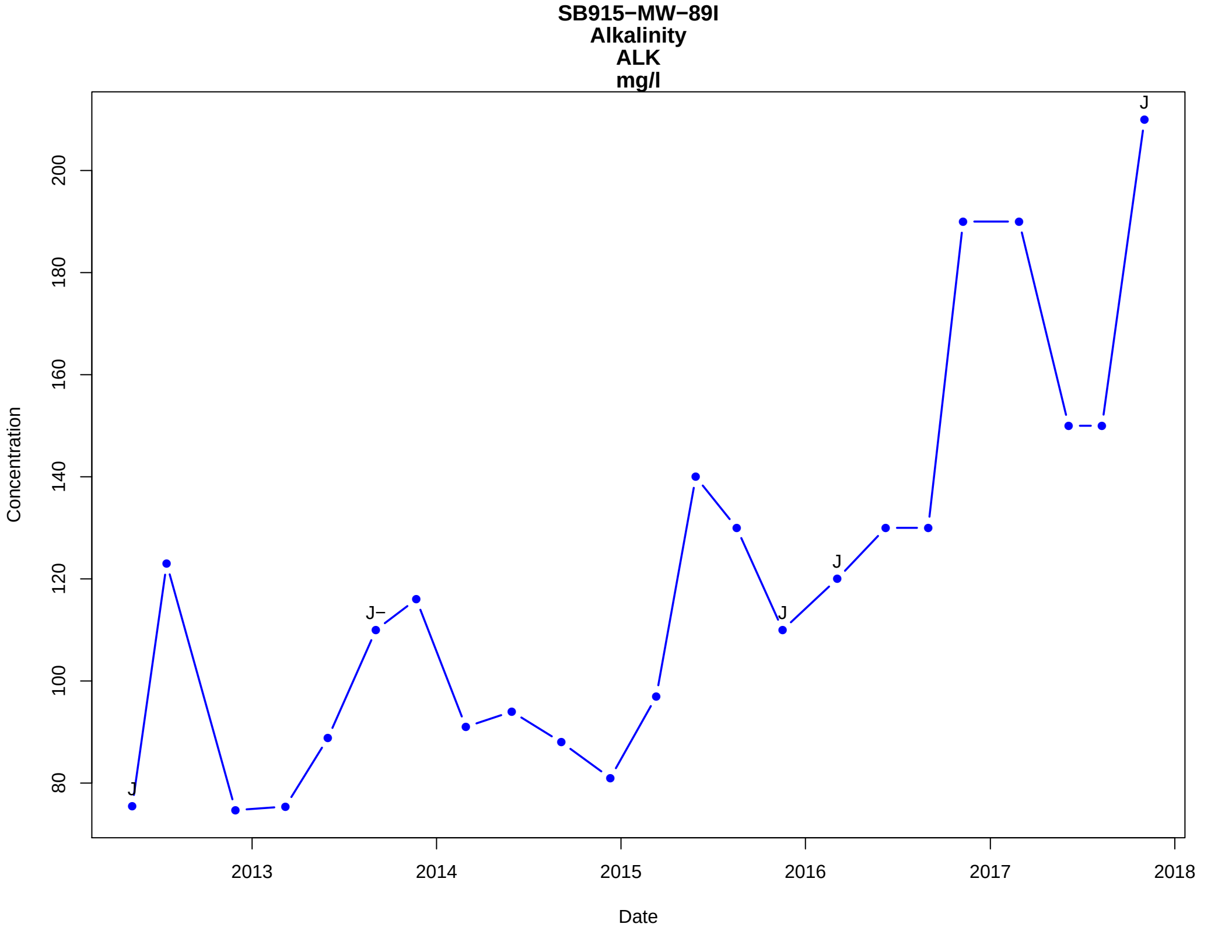

SB915−MW−89I
Potassium
7440−09−7
mg/L
Concentration
Date
25
30
35
40
45
50
55
2013
2014
2015
2016
2017
2018
J
J
J
J
J+
UJ
J
J
J
J
J
J
J
J
J
J
J
J

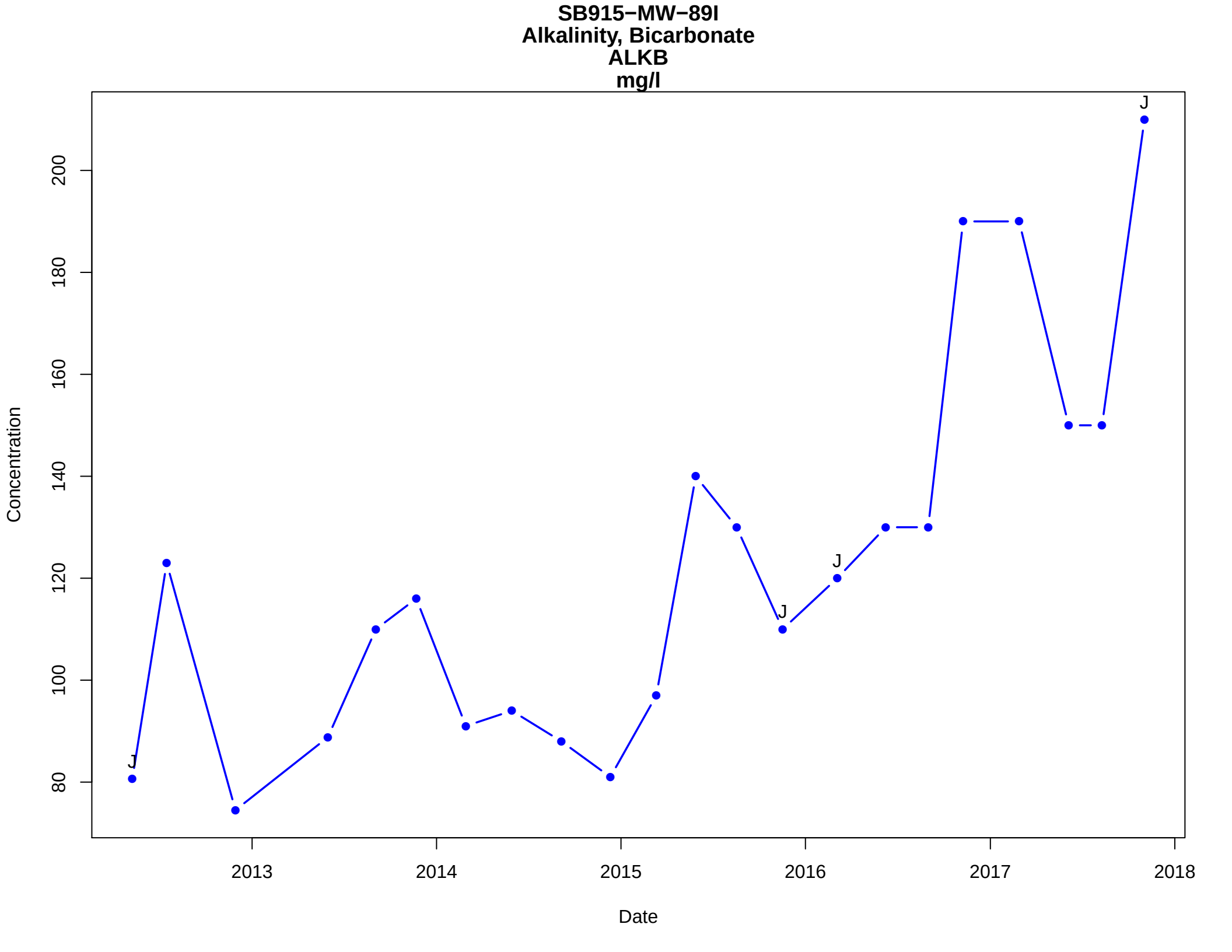

SB915−MW−89I
Sodium
7440−23−5
mg/L
Concentration
700
600
500
400
300
J
J
2013
2014
2015
2016
2017
2018
Date

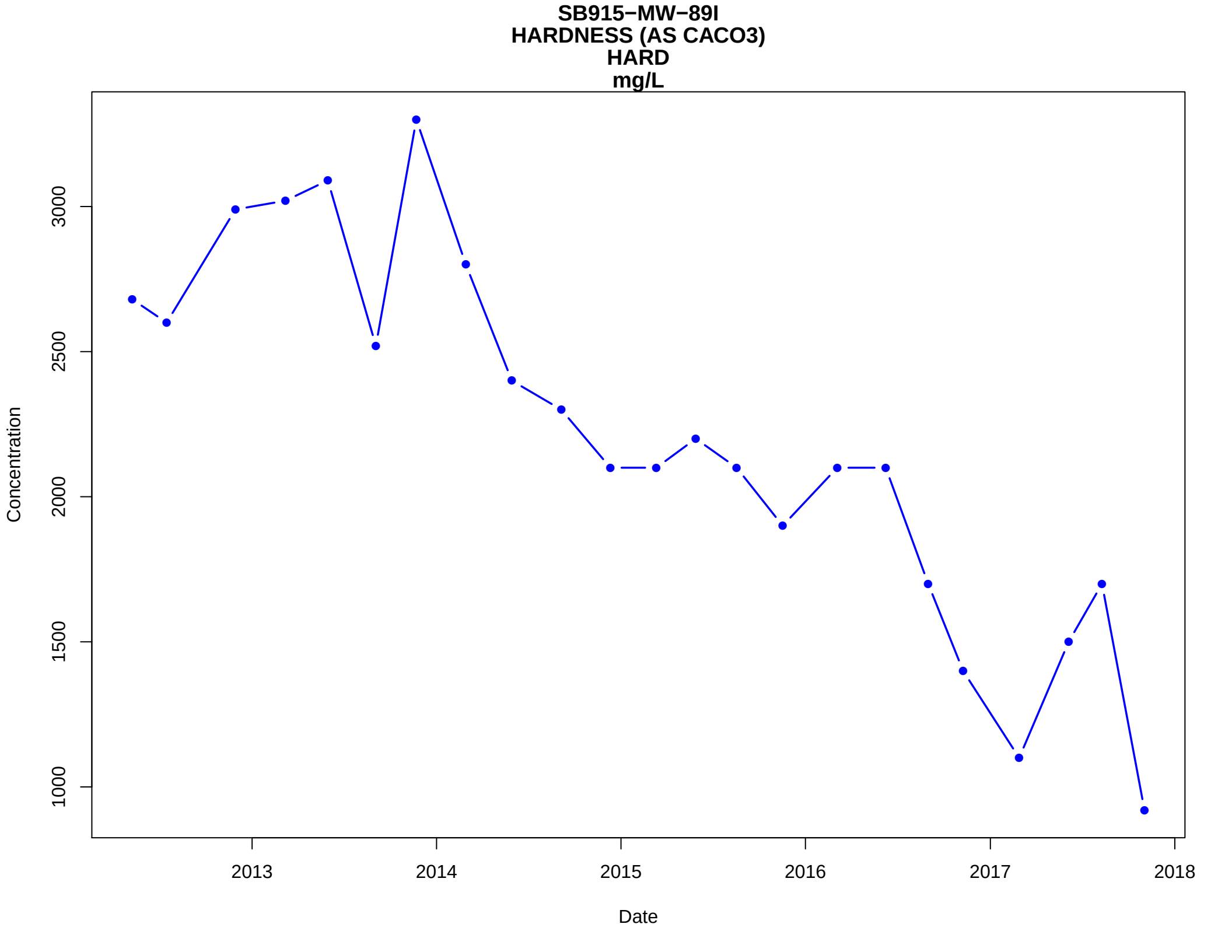

SB915−MW−89I
Barium
7440−39−3
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
U
U
U
U
J
J
J
J
J
J
J
J
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

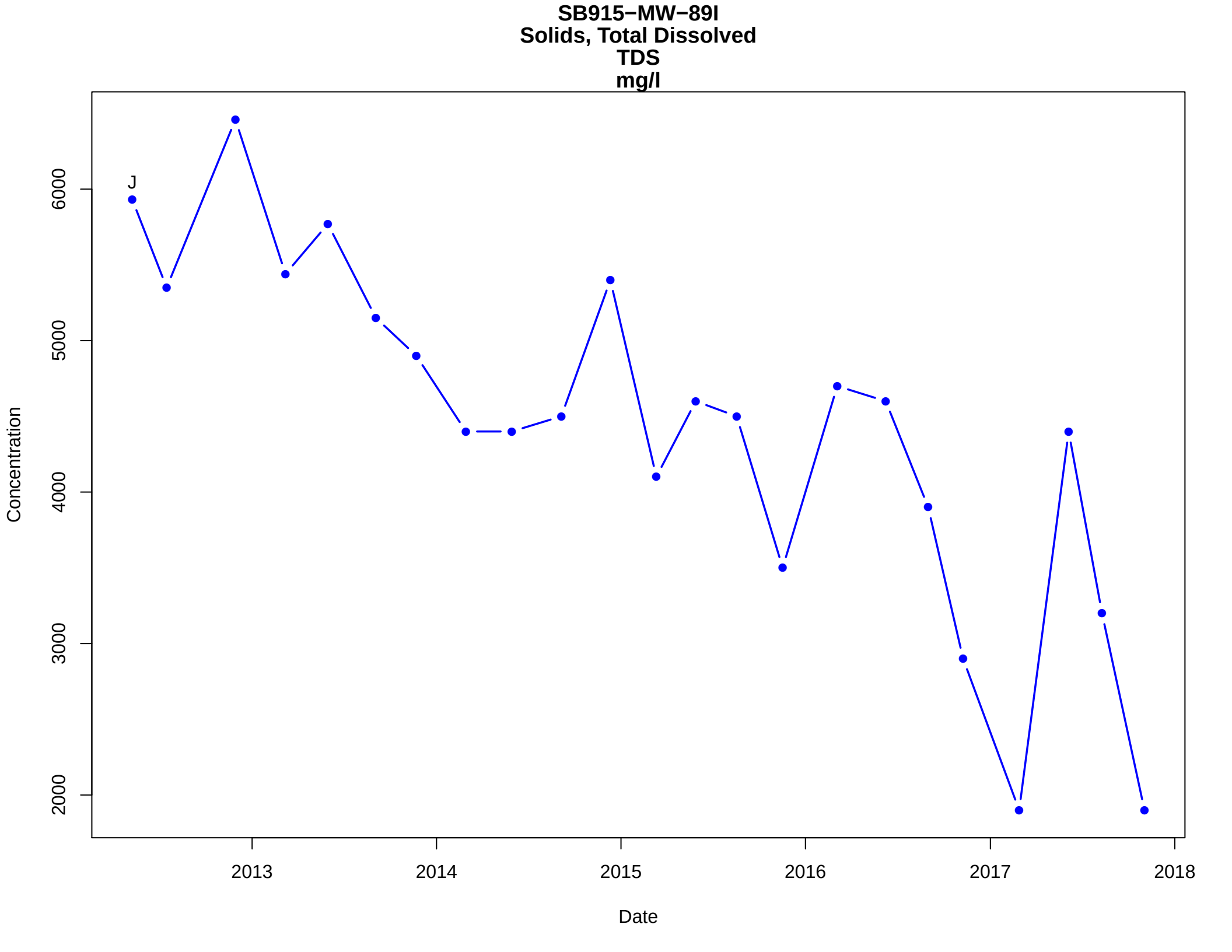

SB915−MW−89I
Cobalt
7440−48−4
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
U
J

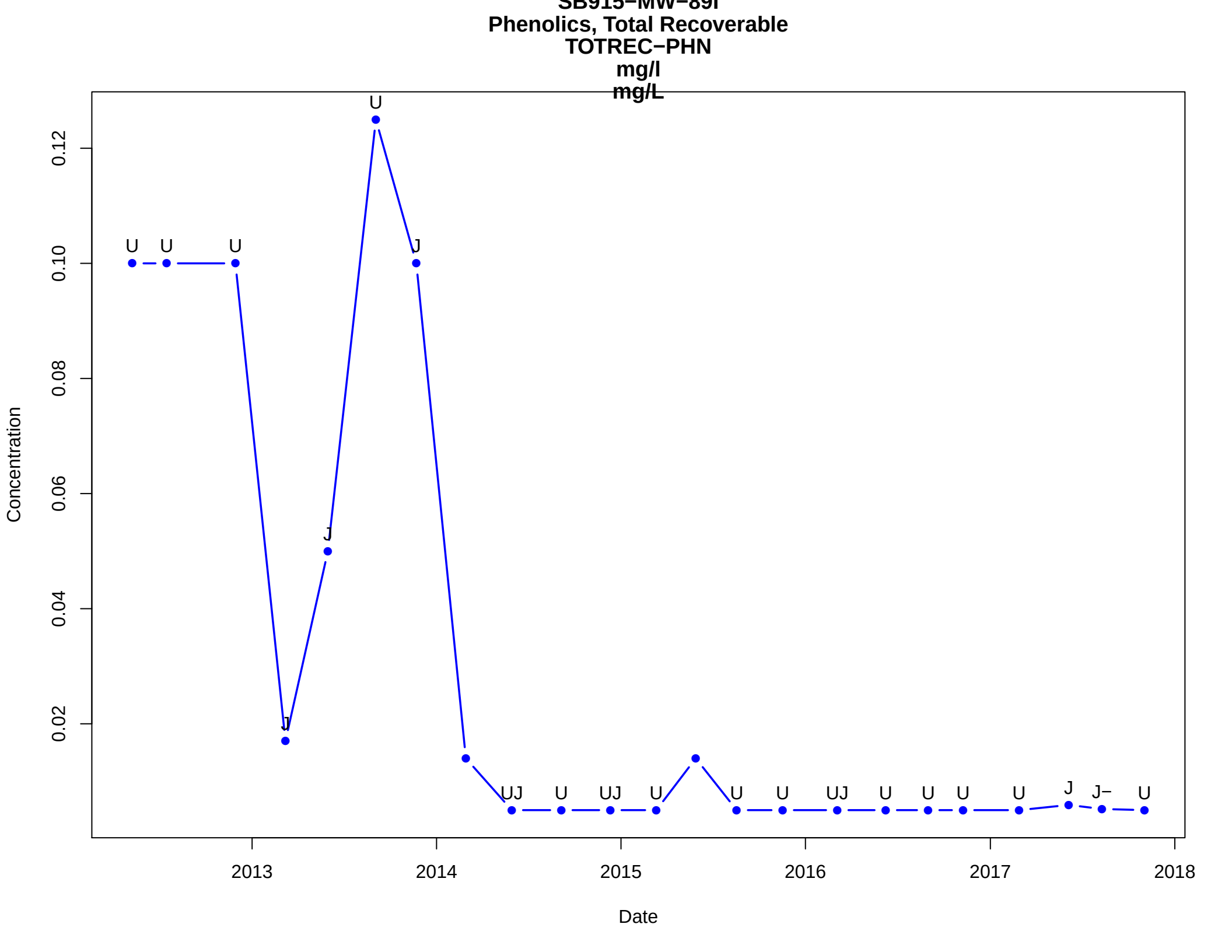

SB915−MW−89I
Calcium
7440−70−2
mg/L
Concentration
400
600
800
1000
2013
2014
2015
2016
2017
2018
Date
J
J
J
J

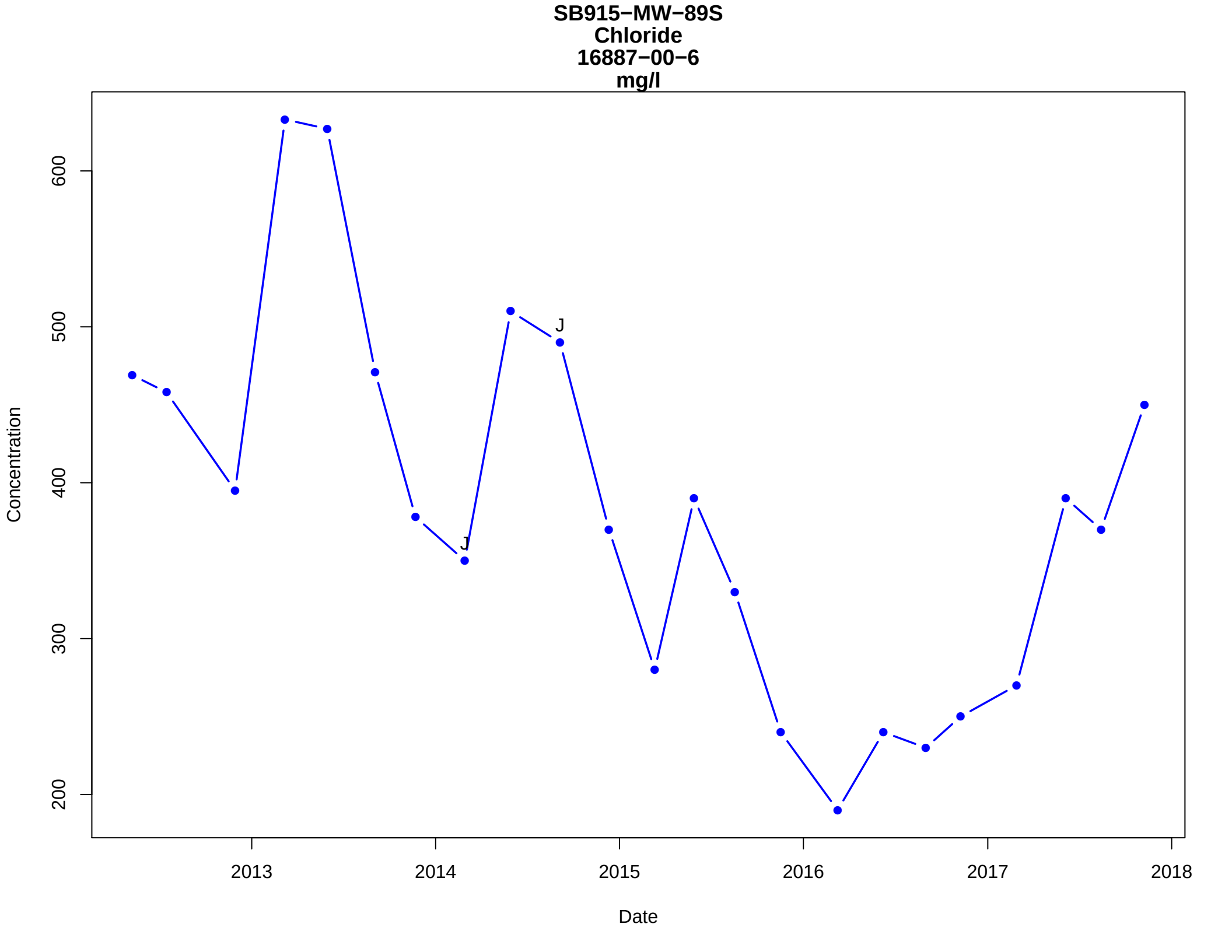

SB915−MW−89I
Alkalinity
ALK
mg/l
Concentration
80
100
120
140
160
180
200
2013
2014
2015
2016
2017
2018
Date
J
J−
J
J
J

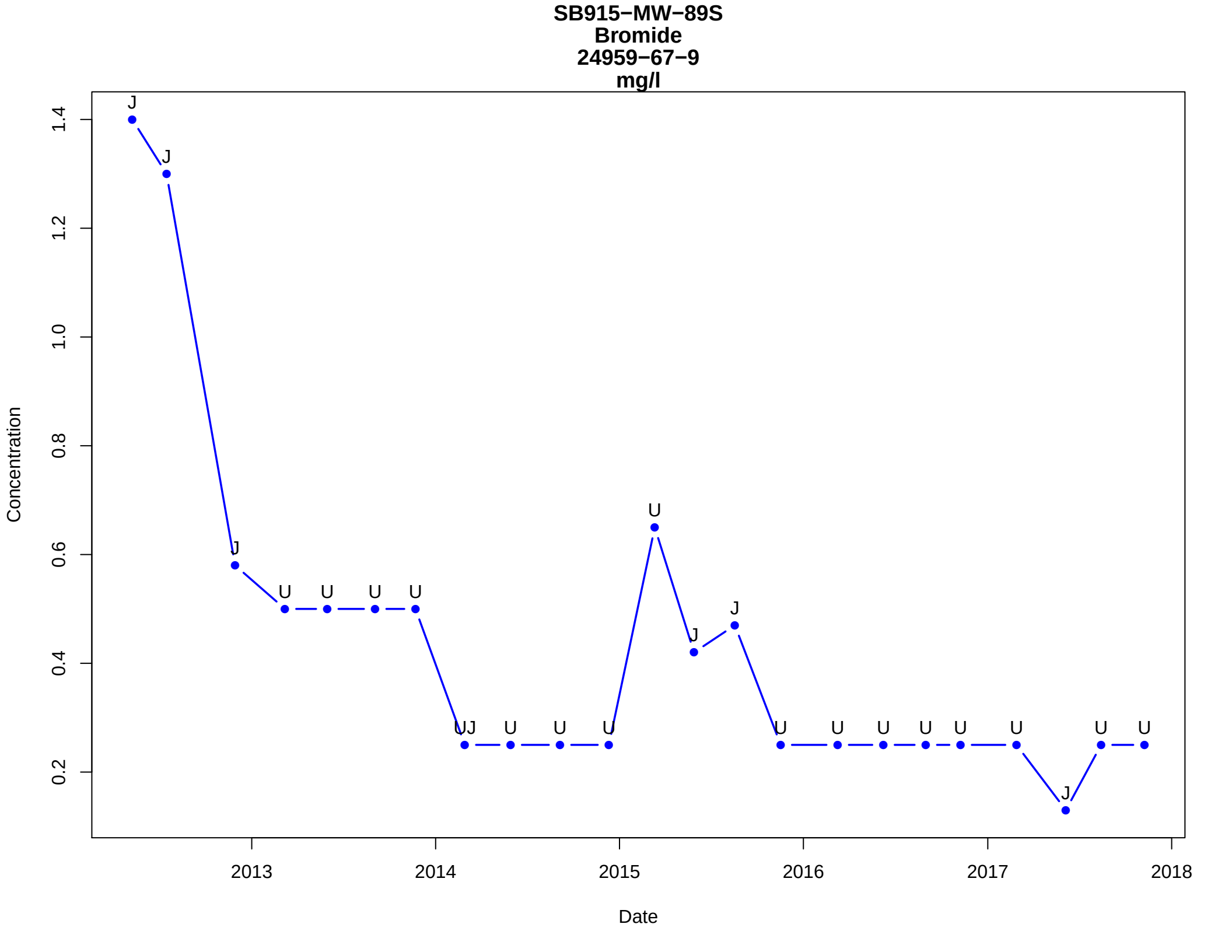

SB915−MW−89I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
80
100
120
140
160
180
200
2013
2014
2015
2016
2017
2018
Date
J
J
J
J

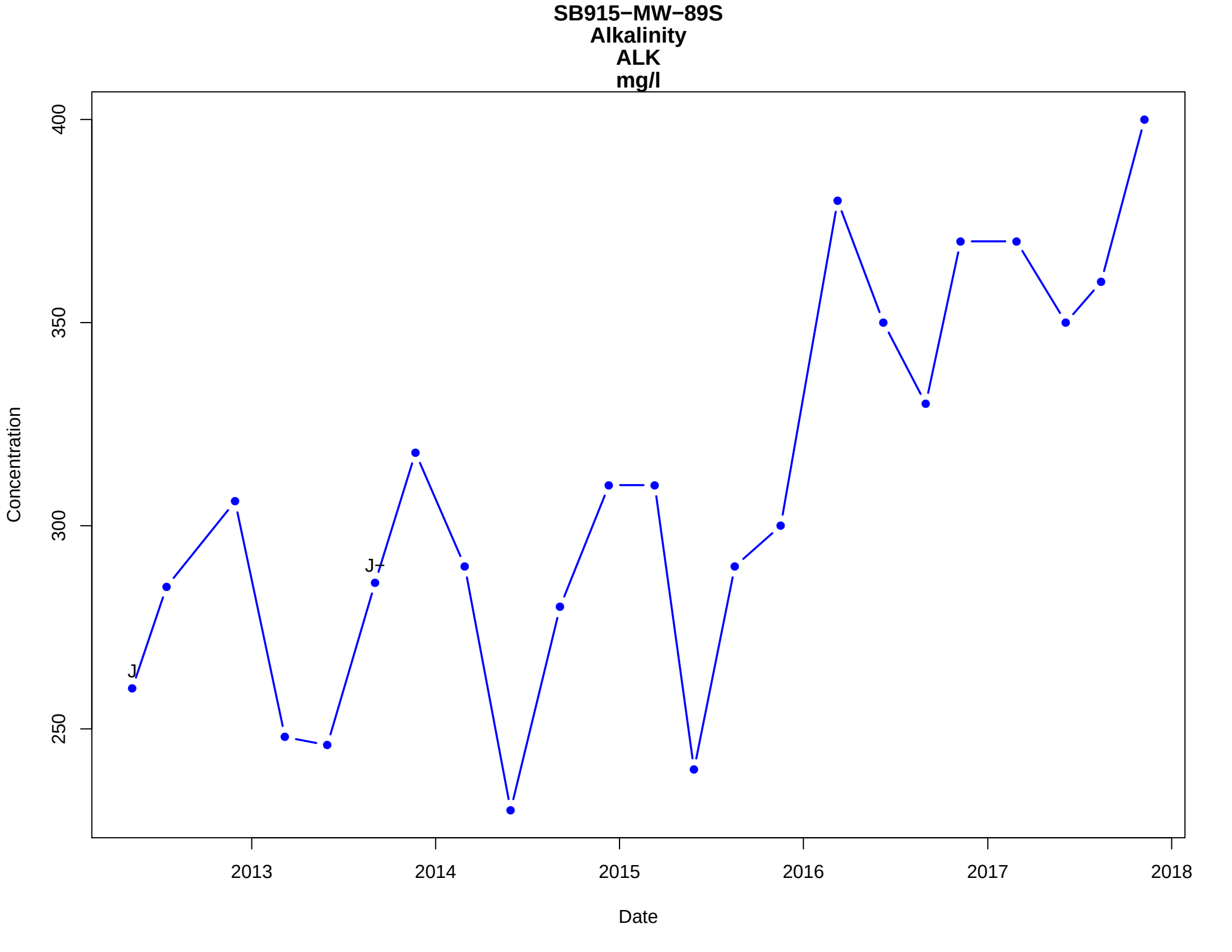

SB915−MW−89I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
1000
1500
2000
2500
3000
2013
2014
2015
2016
2017
2018
Date

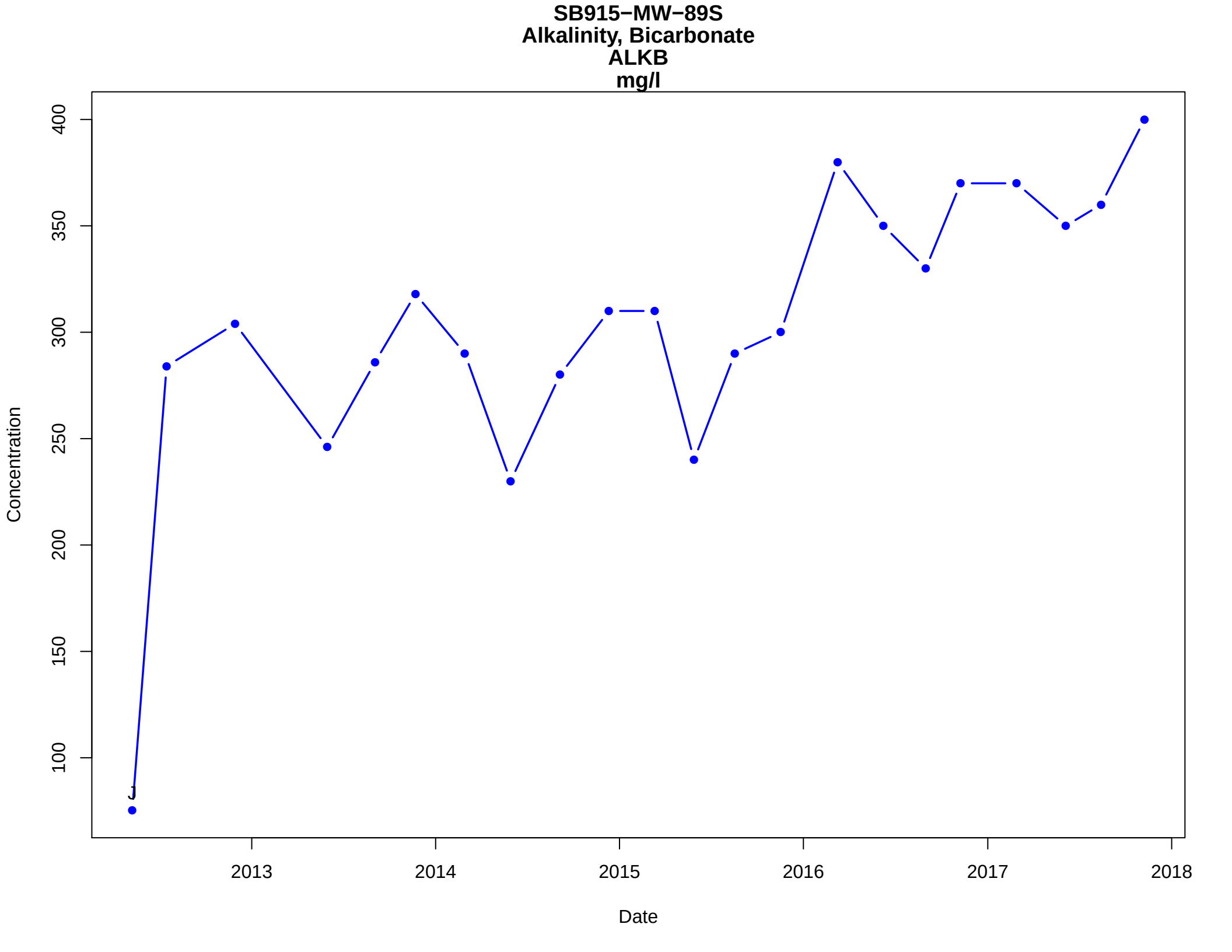

SB915−MW−89I
Solids, Total Dissolved
TDS
mg/l
J
Concentration
6000
5000
4000
3000
2000
2013
2014
2015
2016
2017
2018
Date

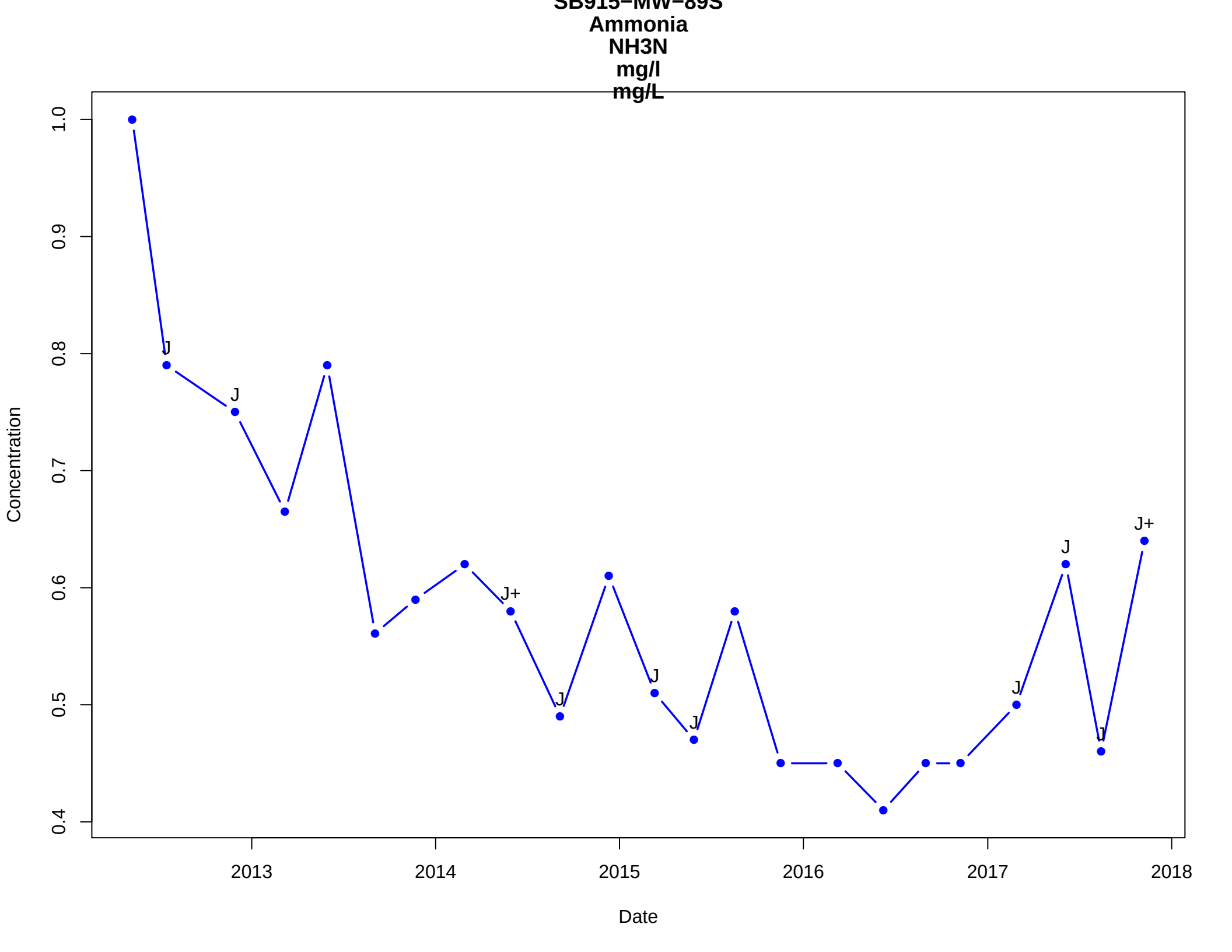

SB915−MW−89I
Phenolics, Total Recoverable
TOTREC−PHN
mg/l
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
0.12
U U U J J U J UJ U UJ U U U UJ U U U U J J− U
2013
2014
2015
2016
2017
2018
Date

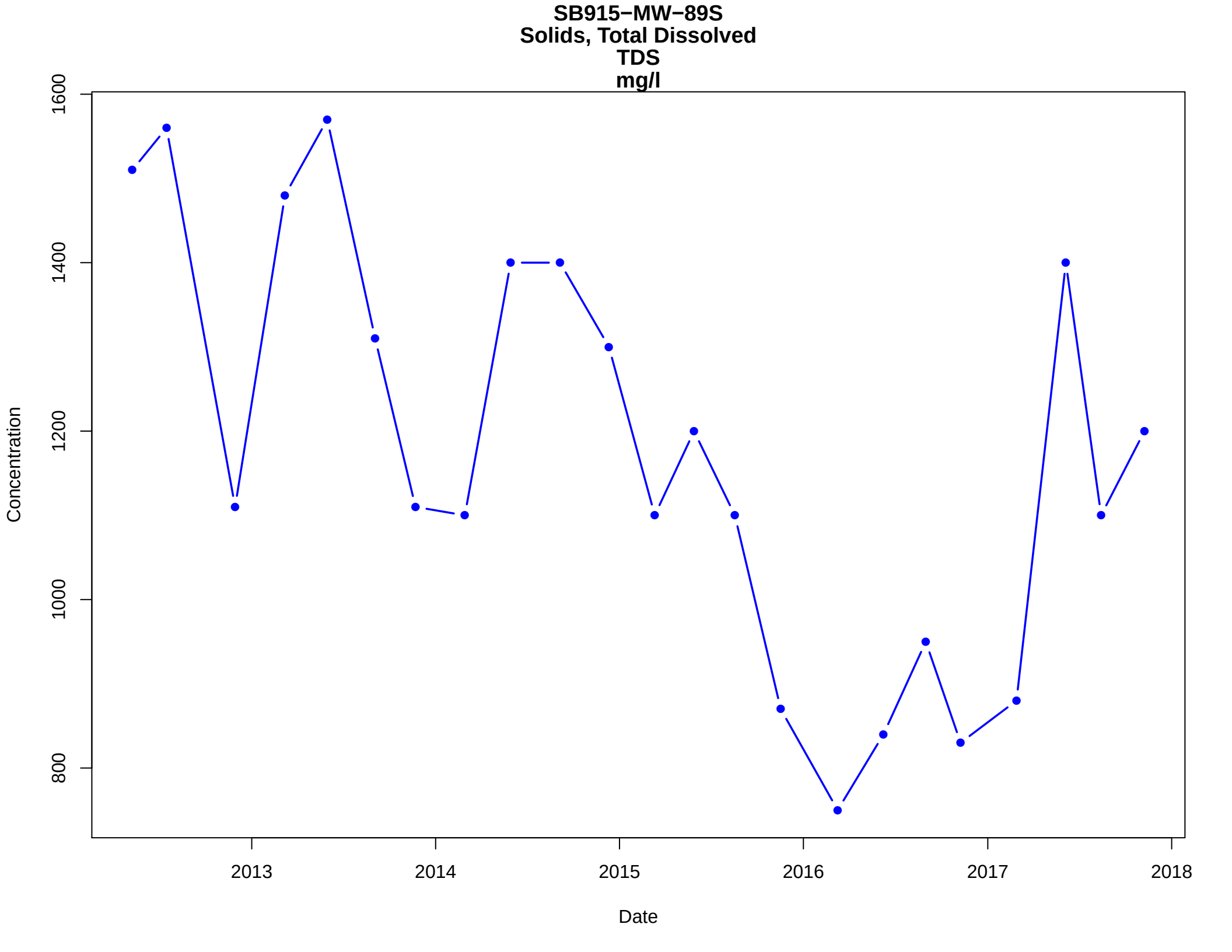

SB915−MW−89S
Chloride
16887−00−6
mg/l
Concentration
200
300
400
500
600
J
J
2013
2014
2015
2016
2017
2018
Date

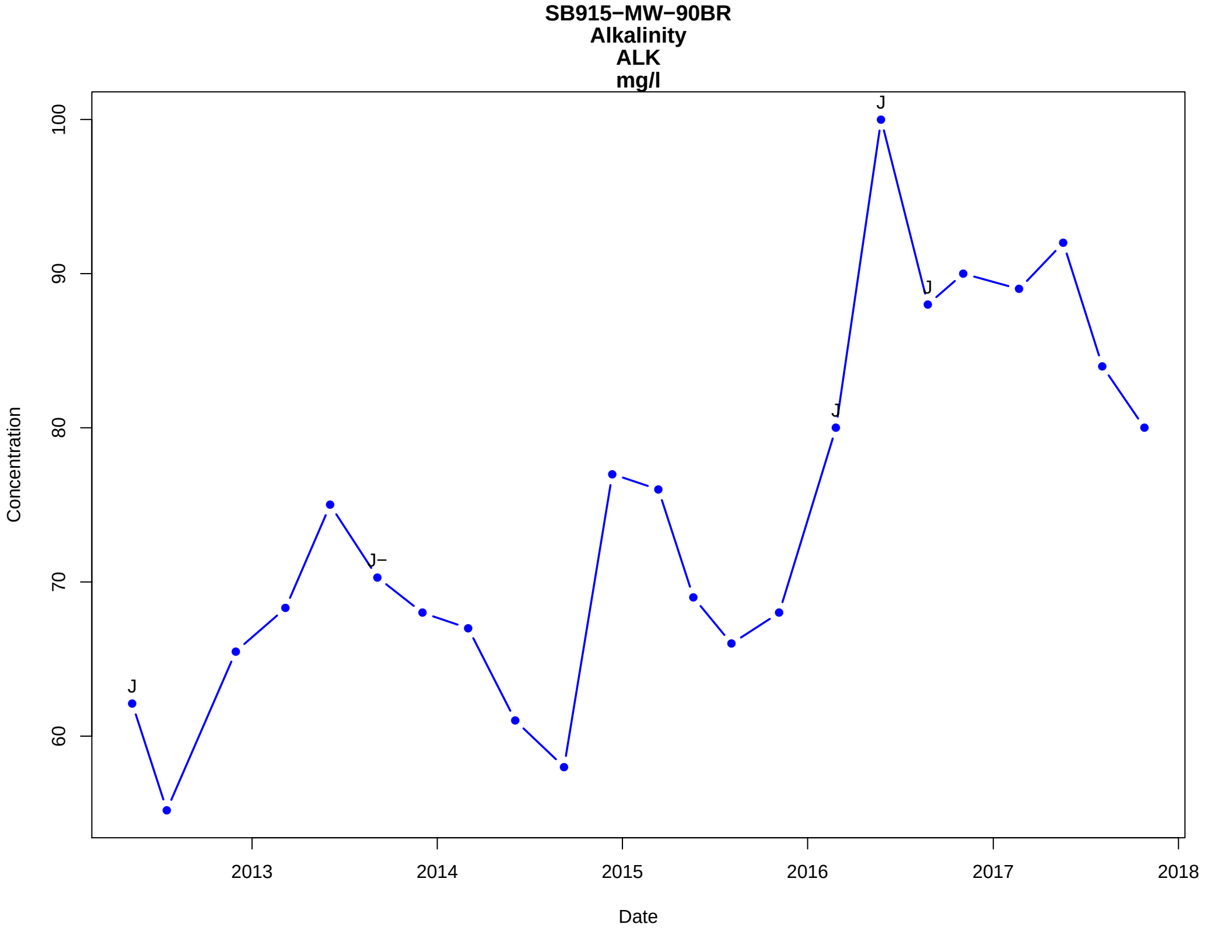

SB915−MW−89S
Bromide
24959−67−9
mg/l
Concentration
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2013
2014
2015
2016
2017
2018
Date
J
J
J
U
U
U
U
UJ
U
U
U
U
J
J
U
U
U
U
U
U
J
U
U

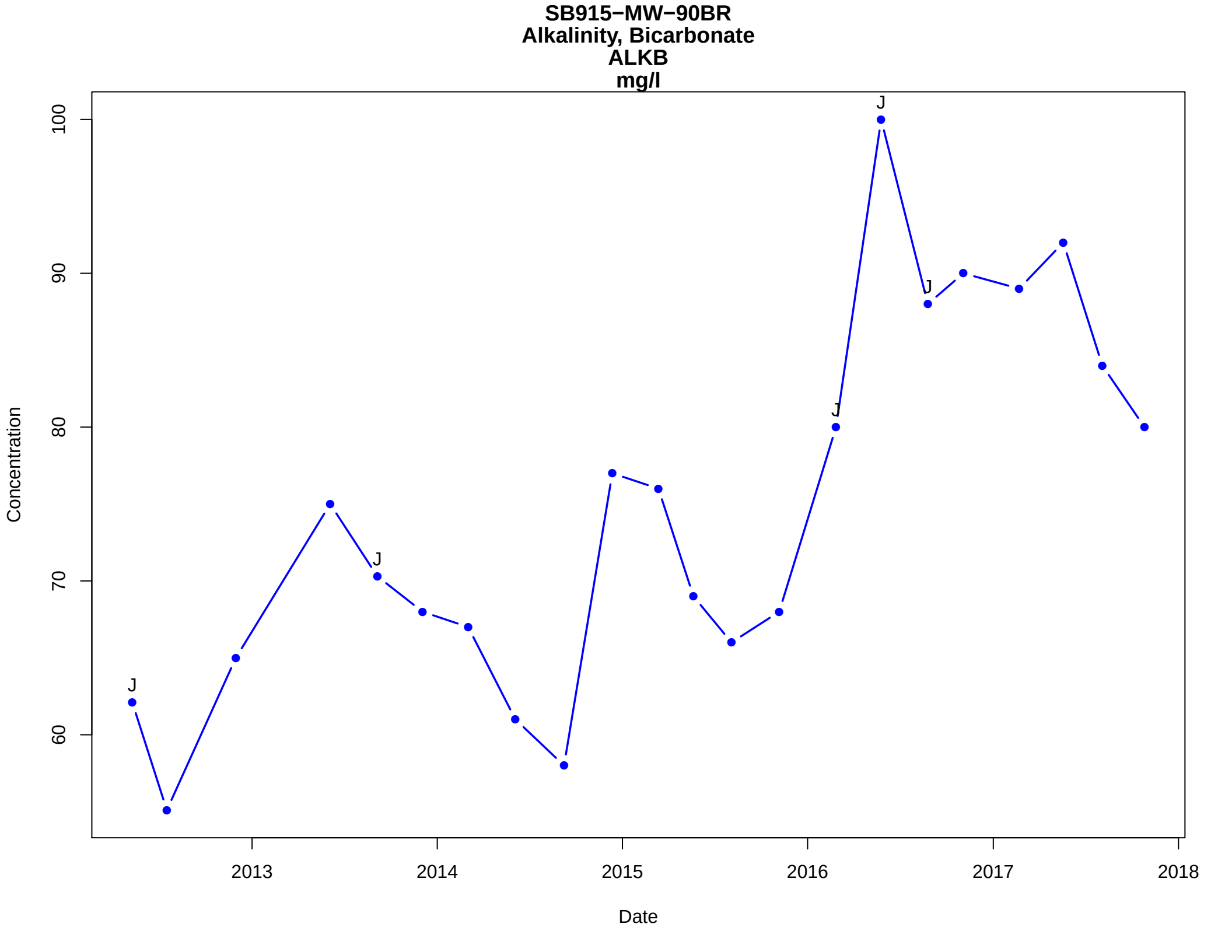

SB915−MW−89S
Alkalinity
ALK
mg/l
Concentration
400
350
300
250
2013
2014
2015
2016
2017
2018
Date

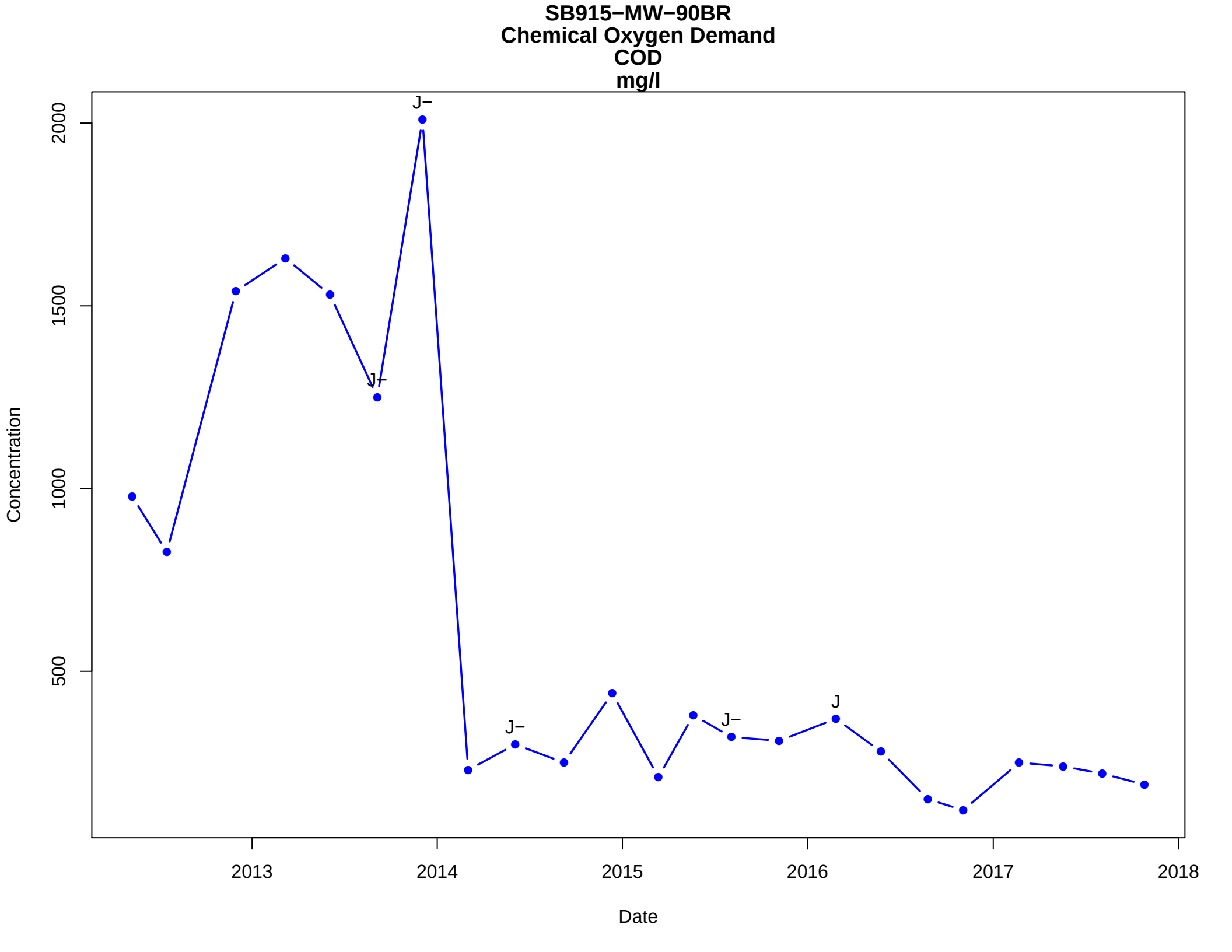

SB915−MW−89S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
100
150
200
250
300
350
400
J
2013
2014
2015
2016
2017
2018
Date

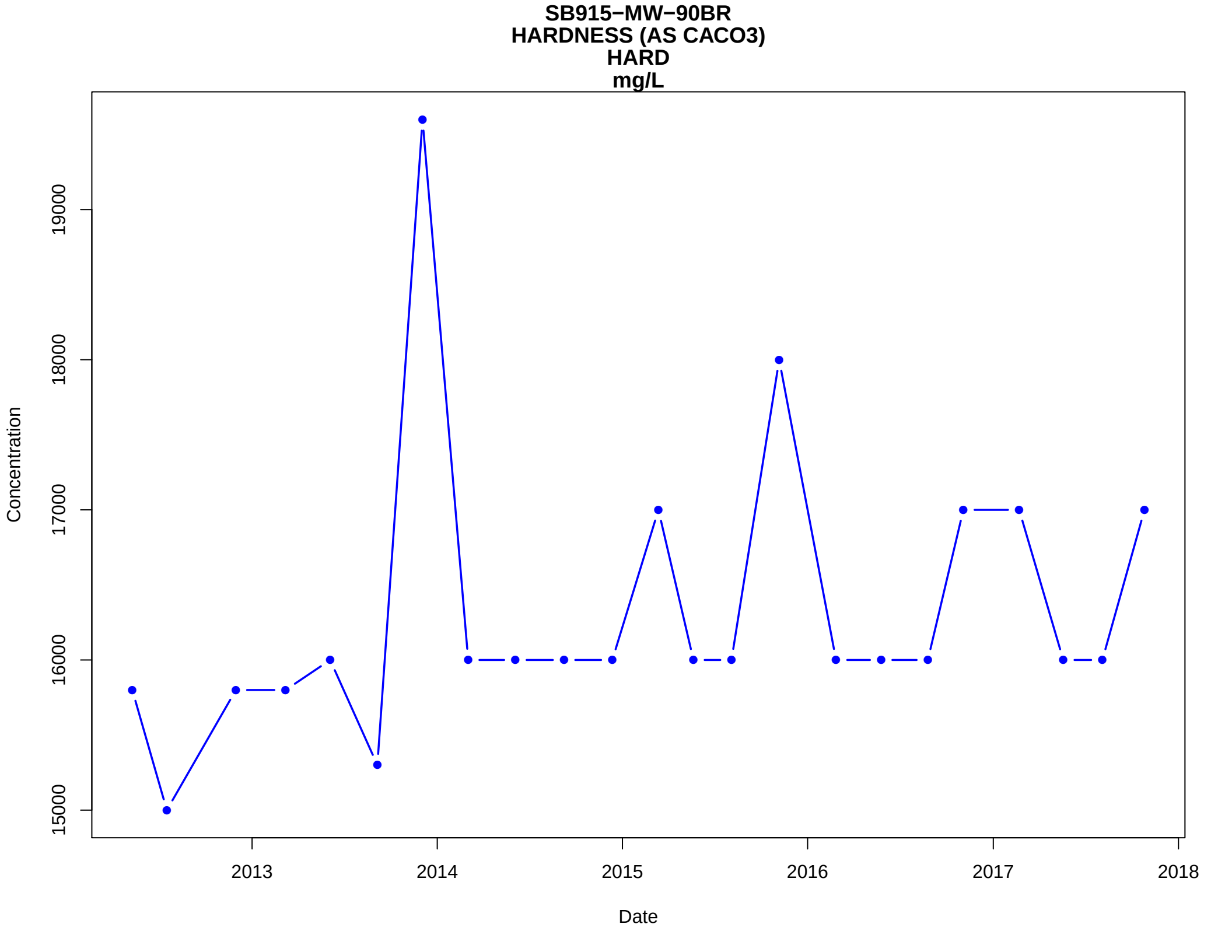

SB915-MW-89S
Ammonia
NH3N
mg/l
mg/L
Concentration
1.0
0.9
0.8
0.7
0.6
0.5
0.4
J
J
J+
J
J
J
J
J
J+
2013
2014
2015
2016
2017
2018
Date

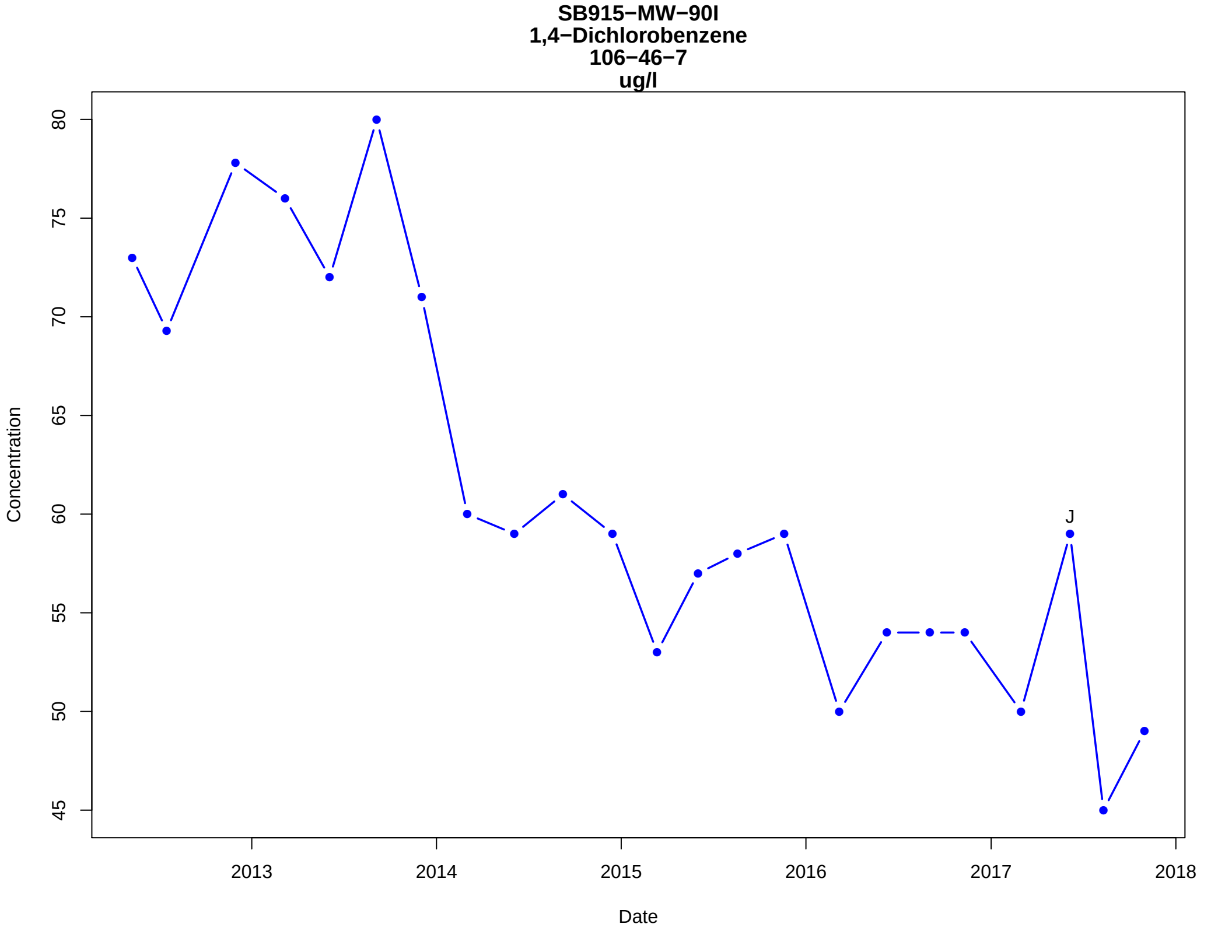

SB915−MW−89S
Solids, Total Dissolved
TDS
mg/l
1600
1400
1200
1000
800
Concentration
2013
2014
2015
2016
2017
2018
Date

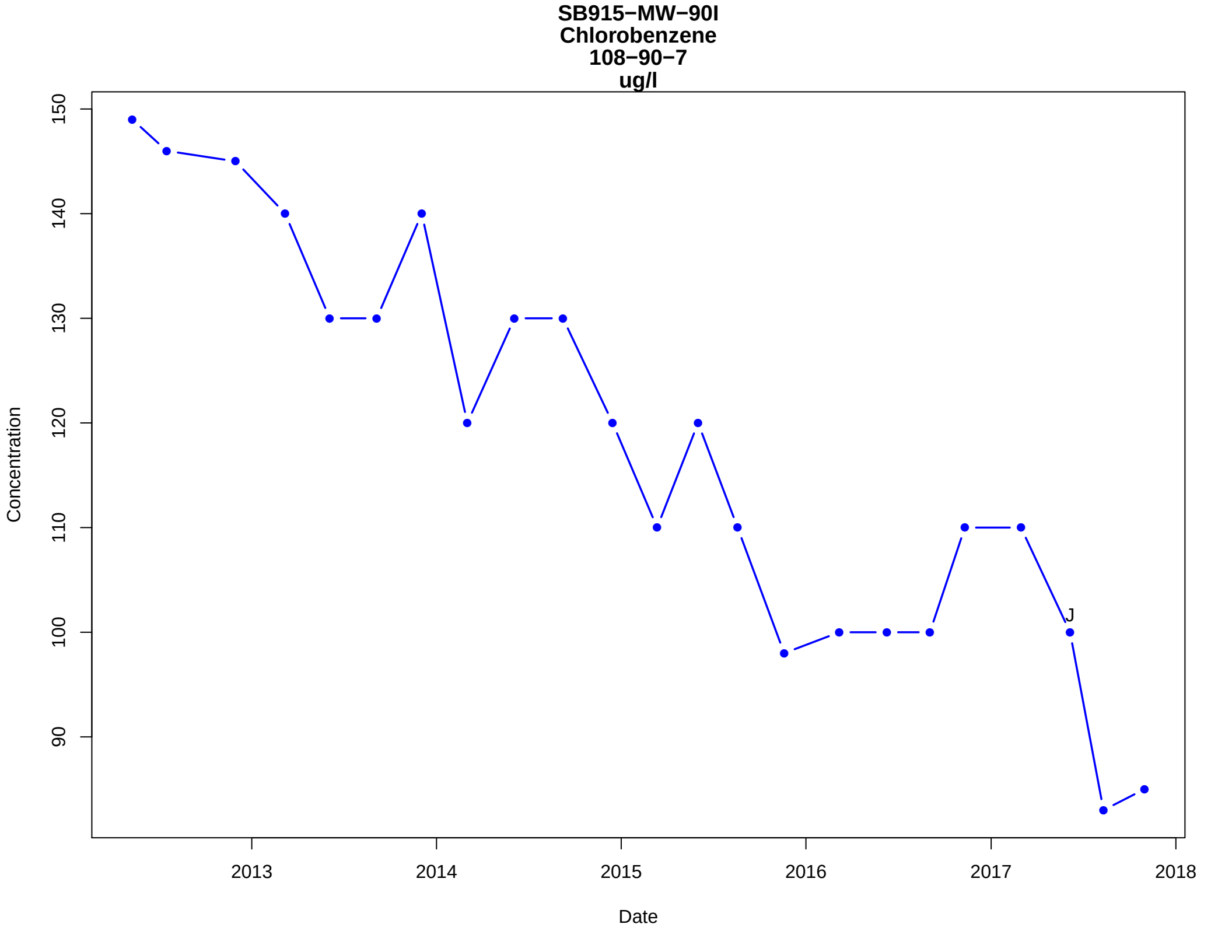

SB915−MW−90BR
Alkalinity
ALK
mg/l
Concentration
100
90
80
70
60
J
J−
J
J
J
2013
2014
2015
2016
2017
2018
Date

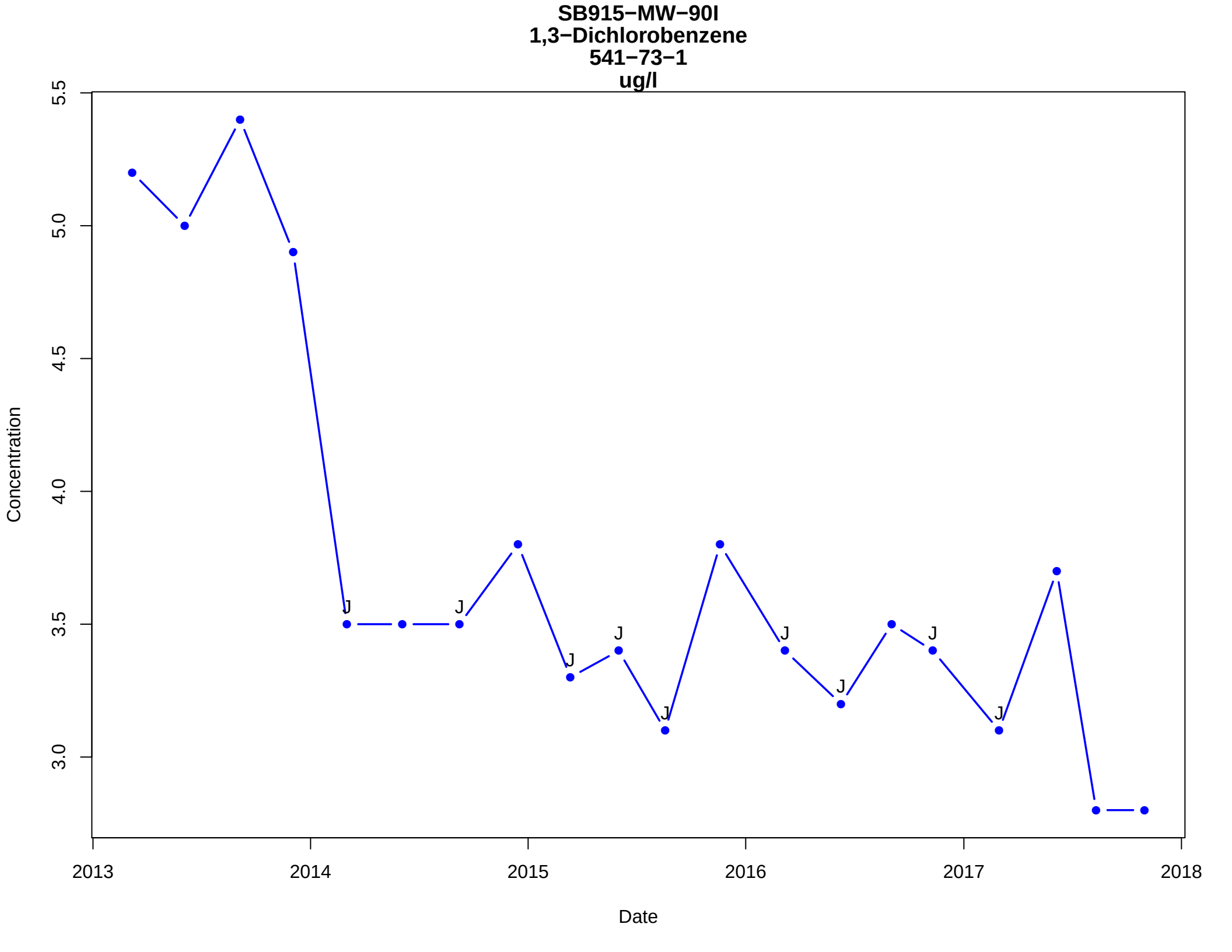

SB915−MW−90BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
100
90
80
70
60
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

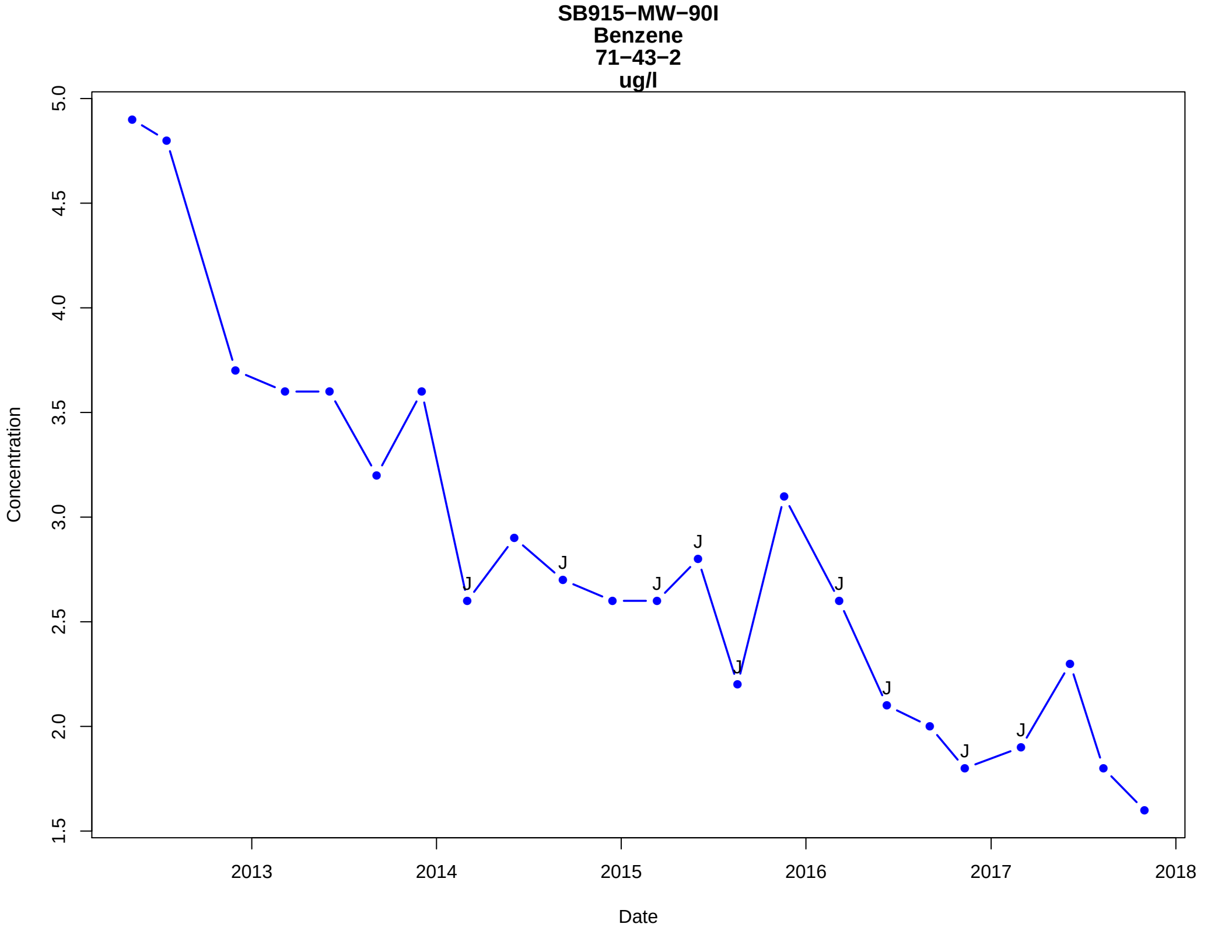

SB915−MW−90BR
Chemical Oxygen Demand
COD
mg/l
Concentration
2000
1500
1000
500
J−
J−
J−
J−
J
2013
2014
2015
2016
2017
2018
Date

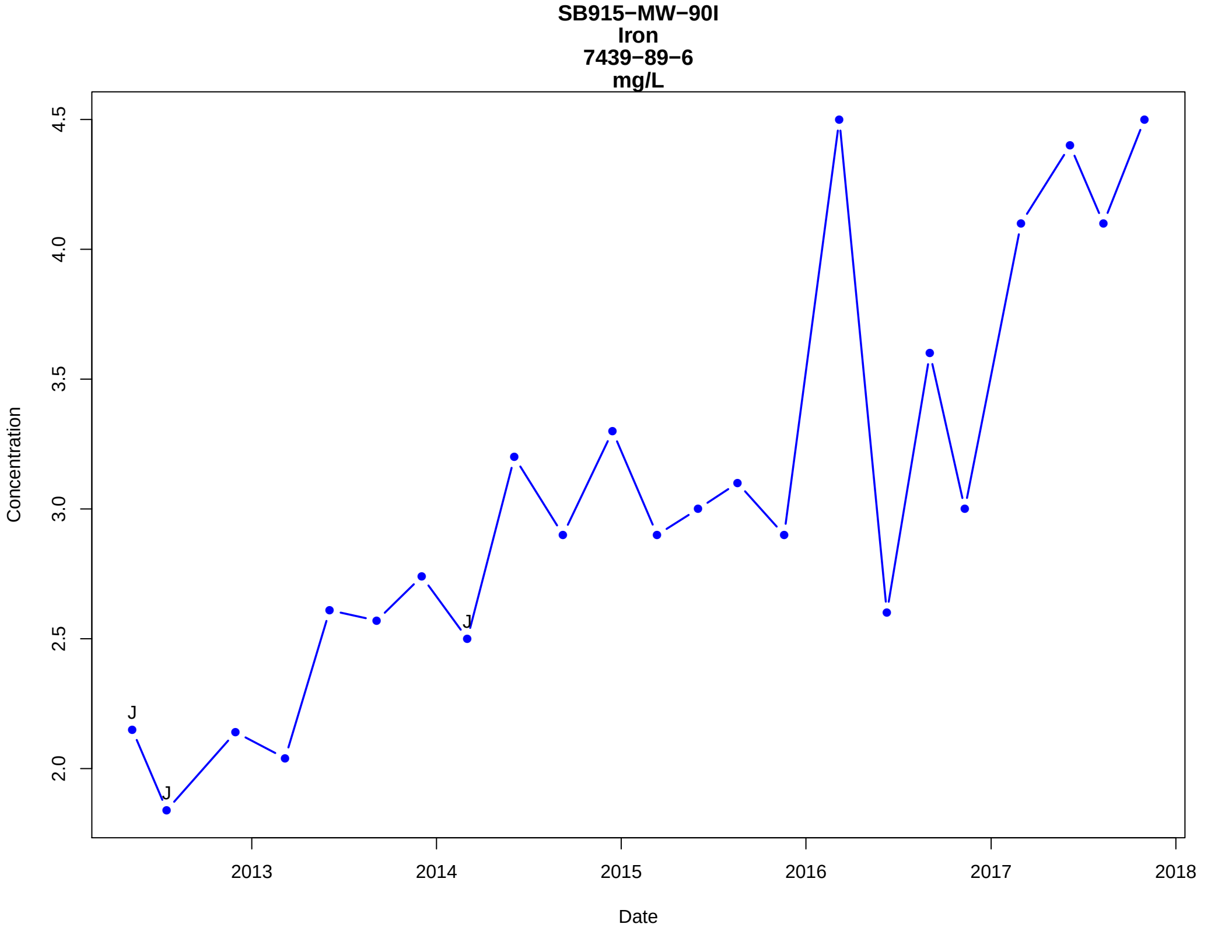

SB915−MW−90BR
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
15000
16000
17000
18000
19000
2013
2014
2015
2016
2017
2018
Date

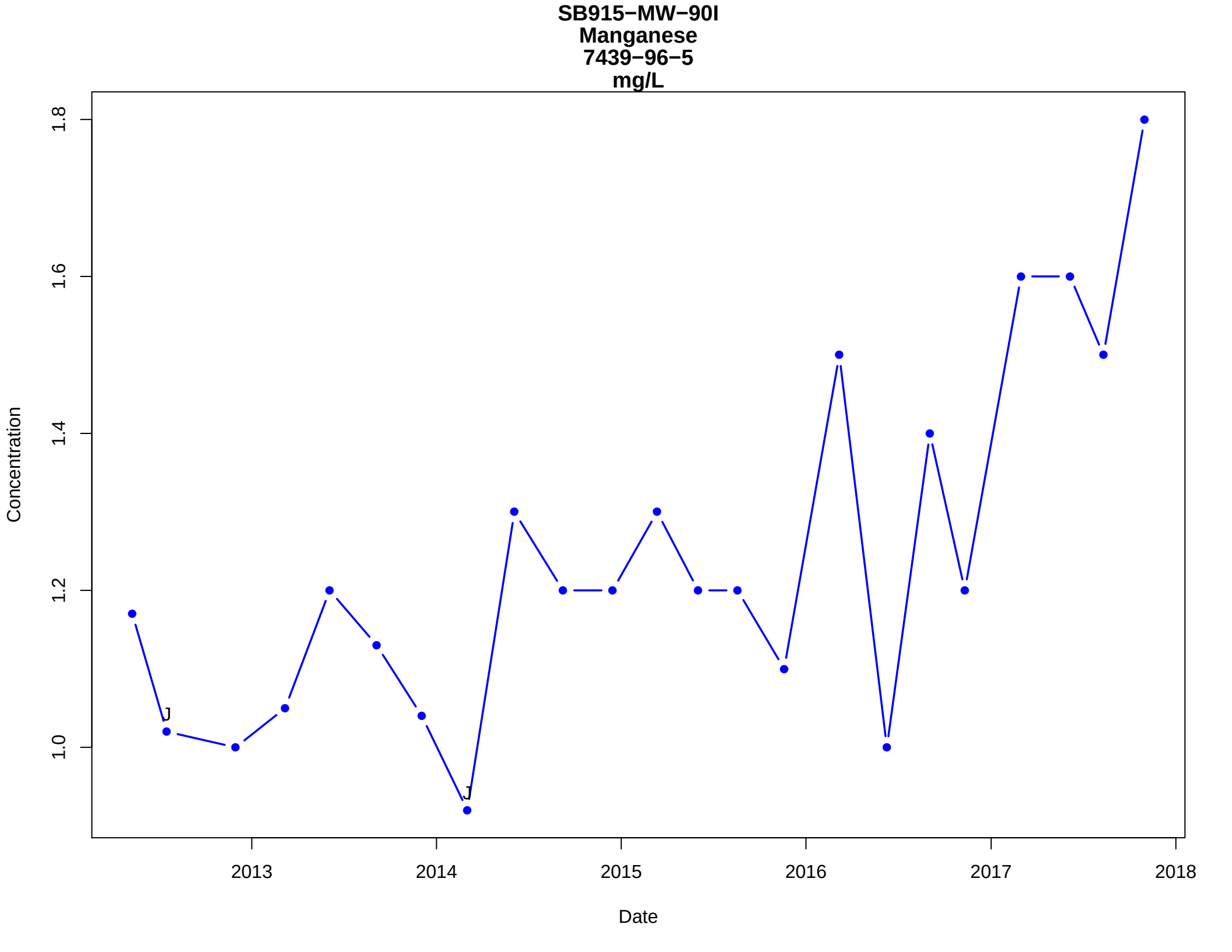

SB915−MW−90I
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
80
75
70
65
60
55
50
45
J
2013
2014
2015
2016
2017
2018
Date

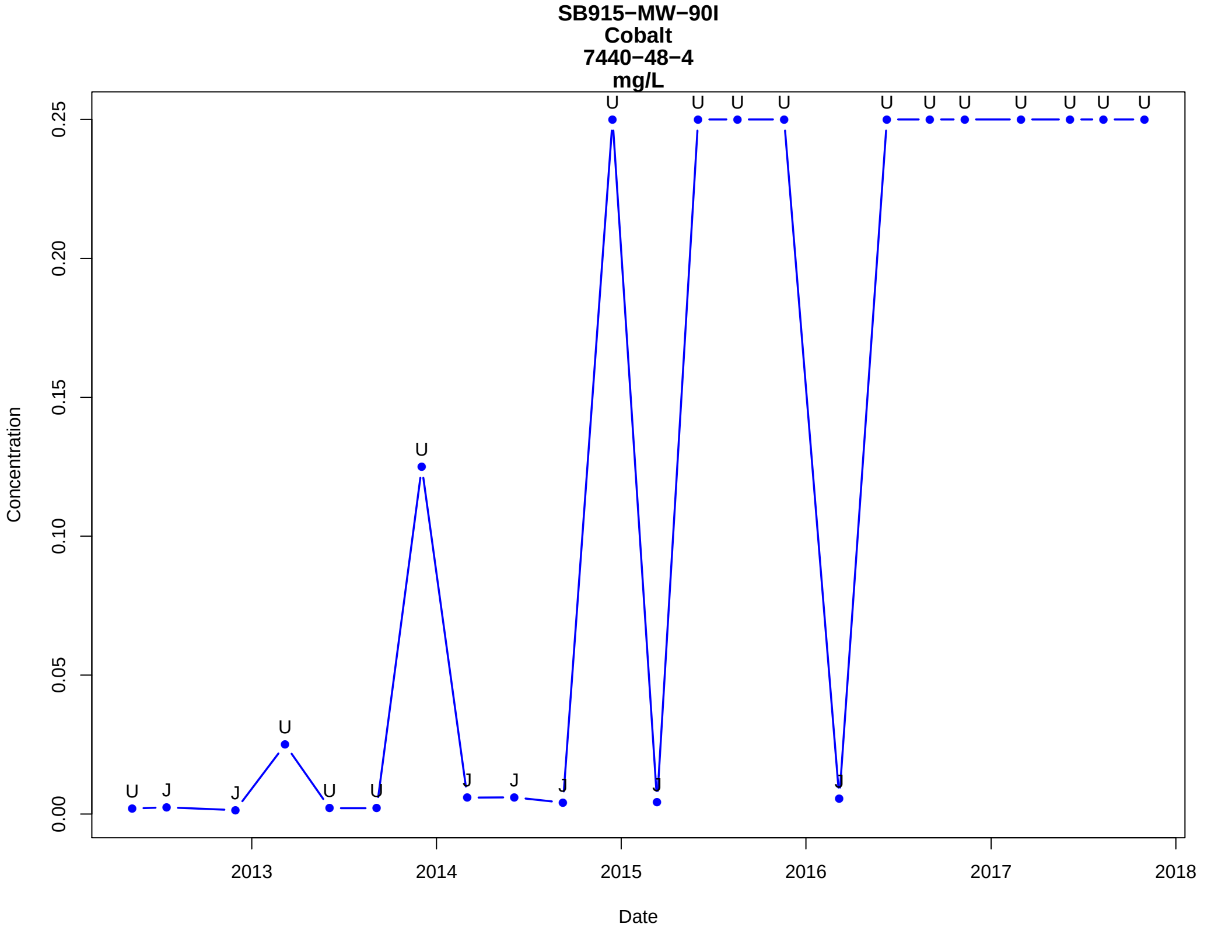

SB915−MW−90I
Chlorobenzene
108−90−7
ug/l
Concentration
150
140
130
120
110
100
90
J
2013
2014
2015
2016
2017
2018
Date

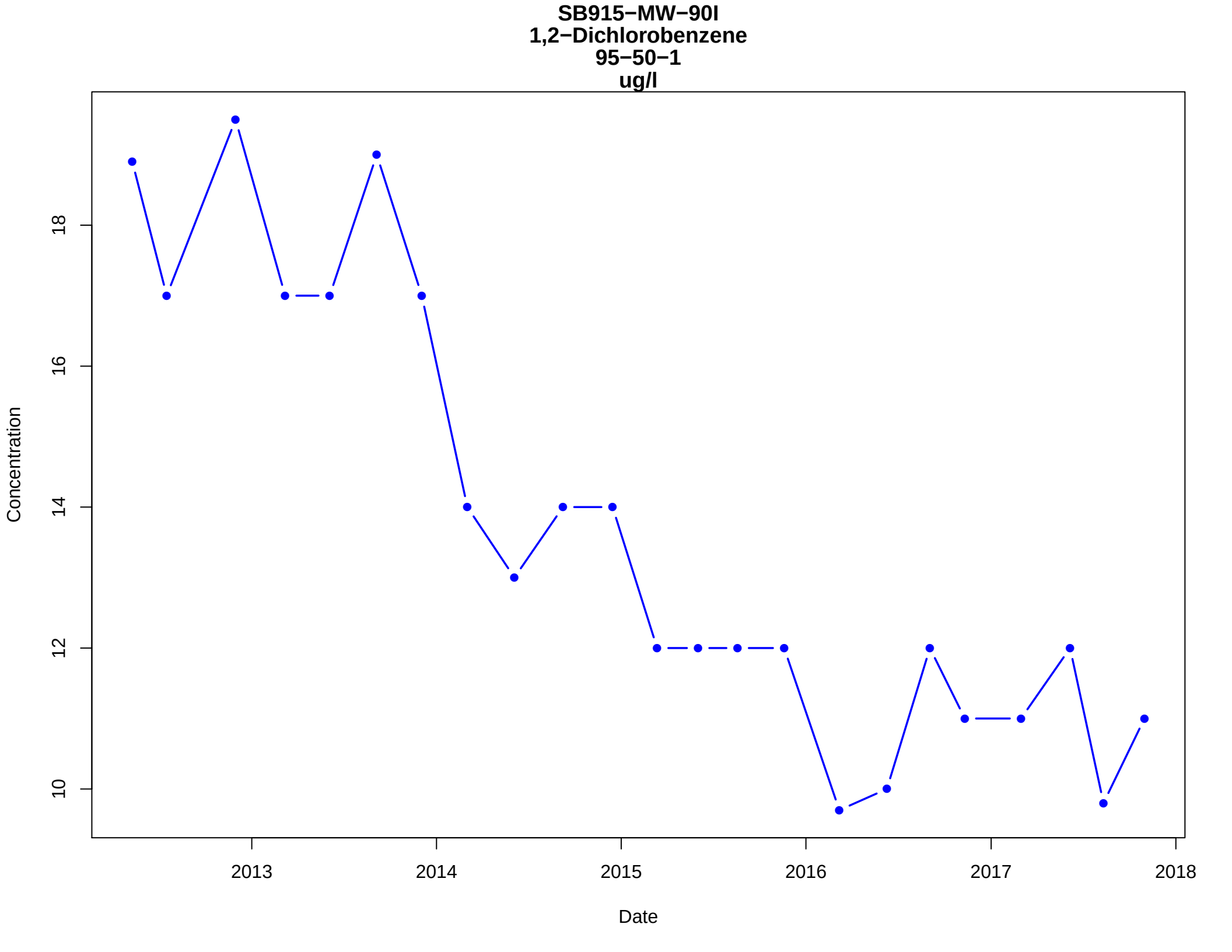

SB915−MW−90I
1,3−Dichlorobenzene
541−73−1
ug/l
Concentration
5.5
5.0
4.5
4.0
3.5
3.0
J
J
J
J
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

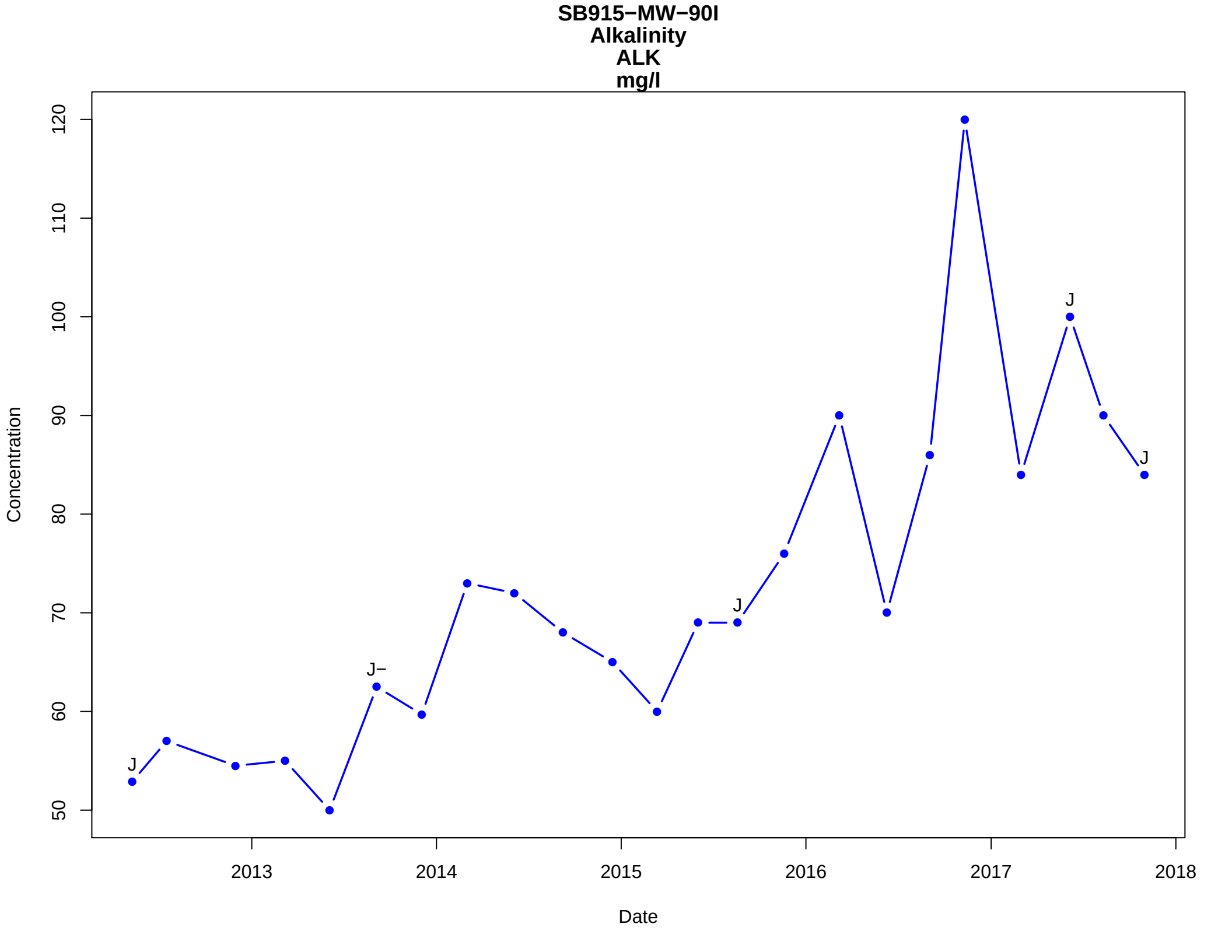

SB915−MW−90I
Benzene
71−43−2
ug/l
Concentration
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
J
J
J
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

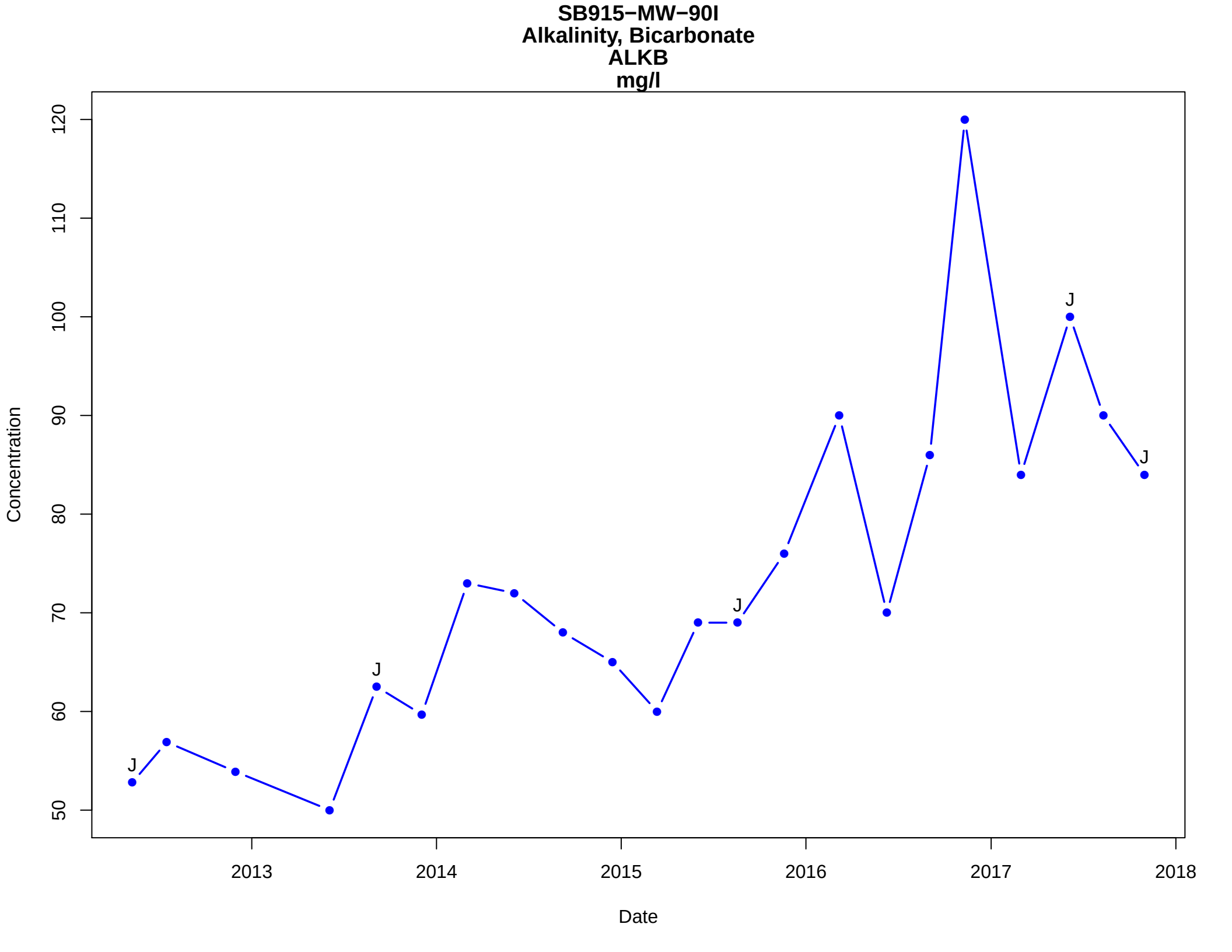

SB915−MW−90I
Iron
7439−89−6
mg/L
Concentration
4.5
4.0
3.5
3.0
2.5
2.0
J
J
J
2013
2014
2015
2016
2017
2018
Date

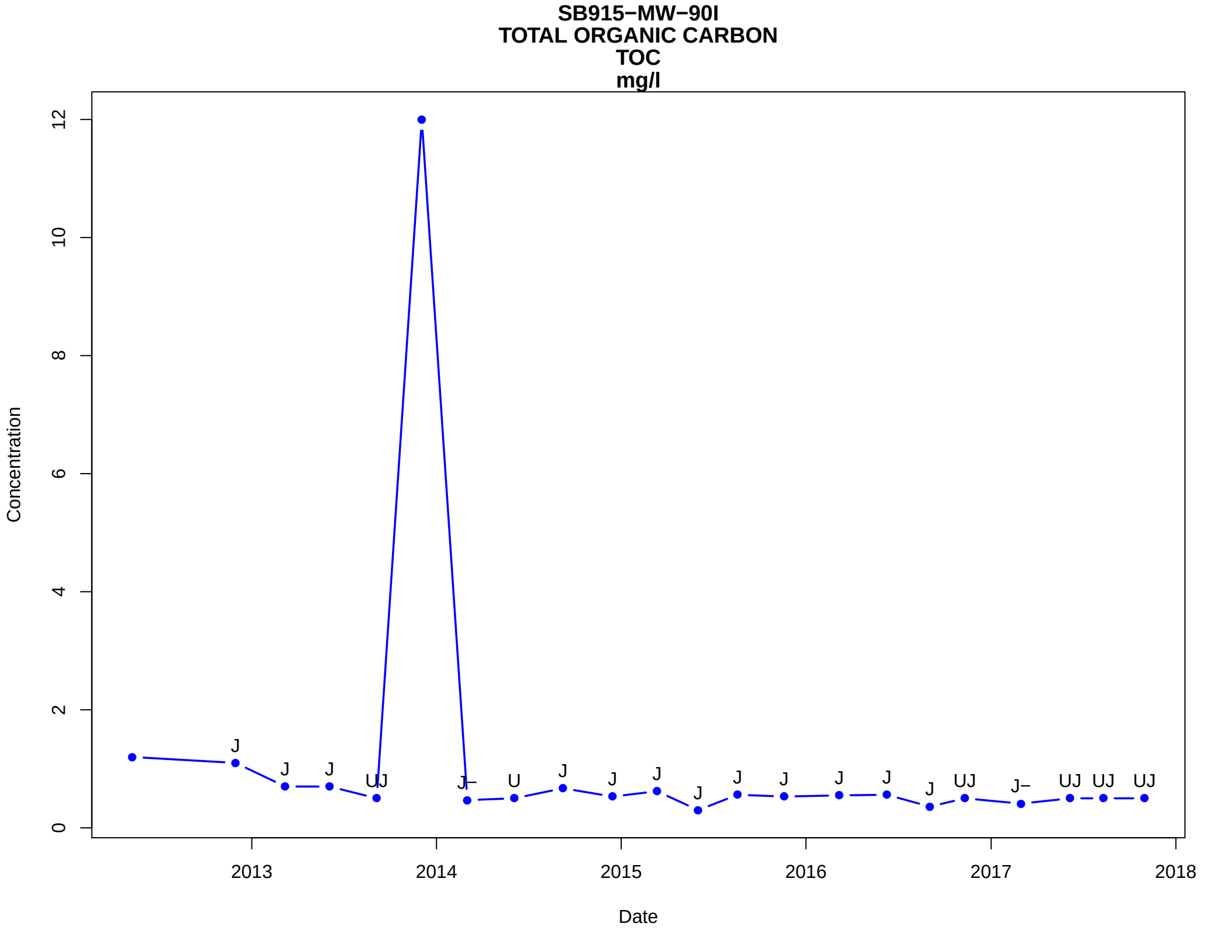

SB915−MW−90I
Manganese
7439−96−5
mg/L
Concentration
1.0
1.2
1.4
1.6
1.8
J
J
2013
2014
2015
2016
2017
2018
Date

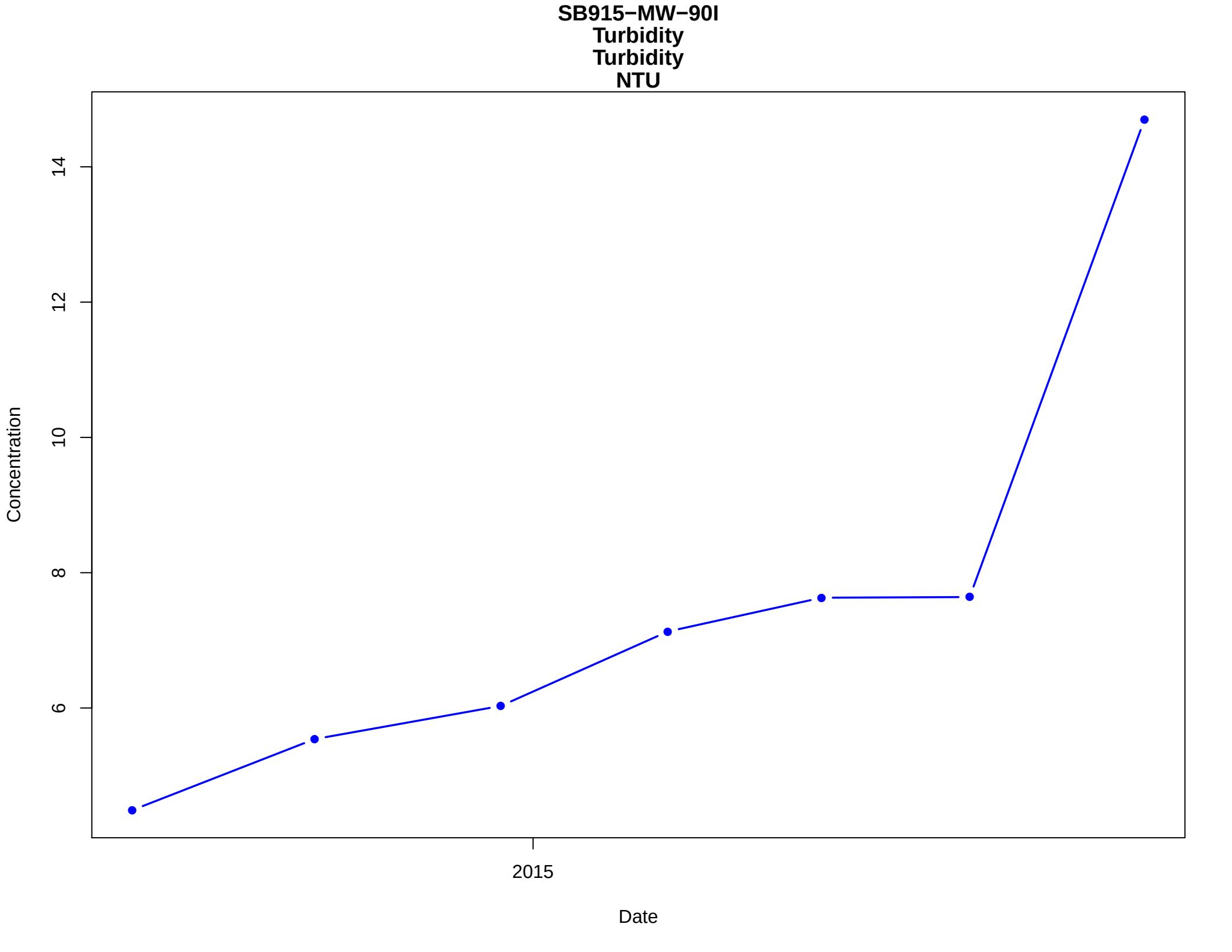

SB915−MW−90I
Cobalt
7440−48−4
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
U
J

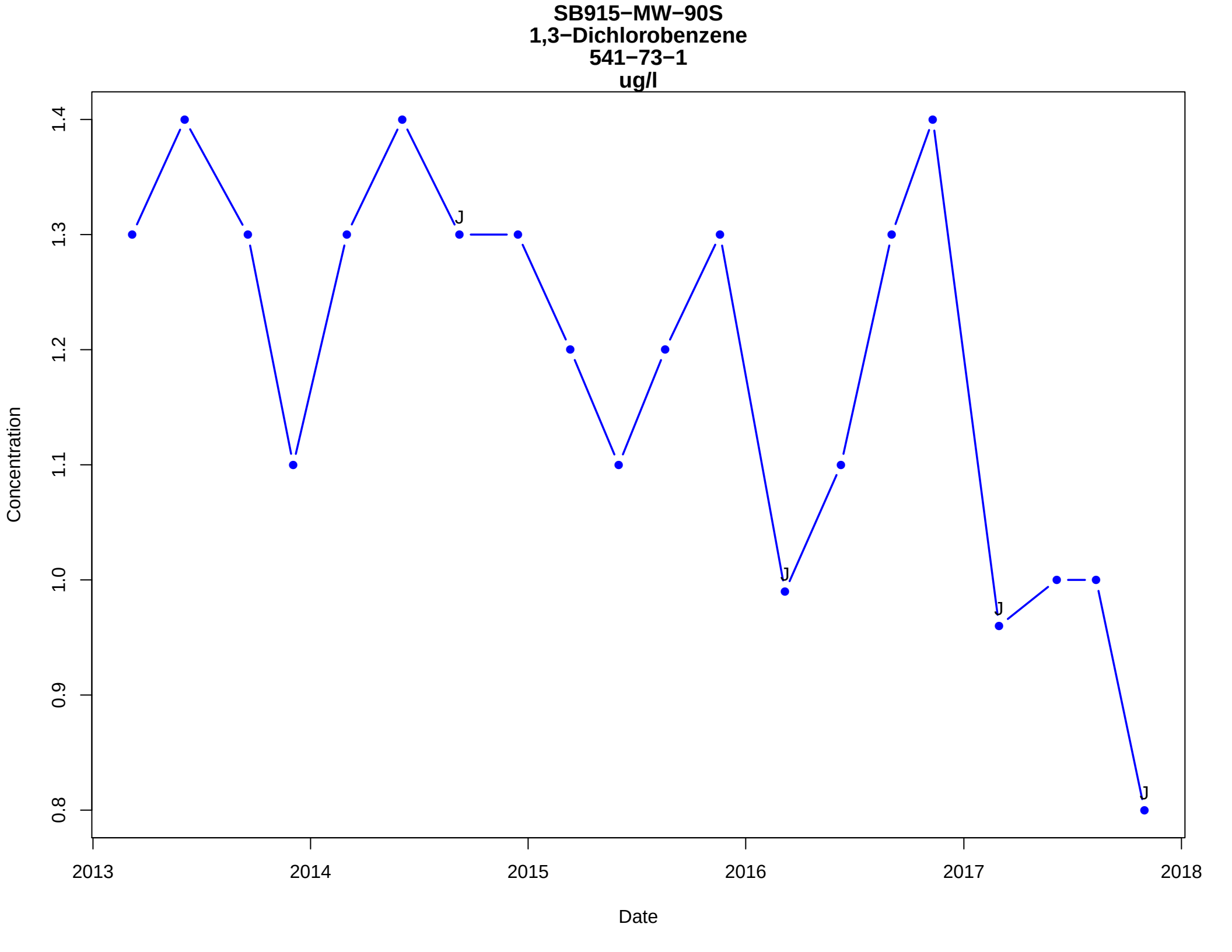

SB915−MW−90I
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
10
12
14
16
18
2013
2014
2015
2016
2017
2018
Date

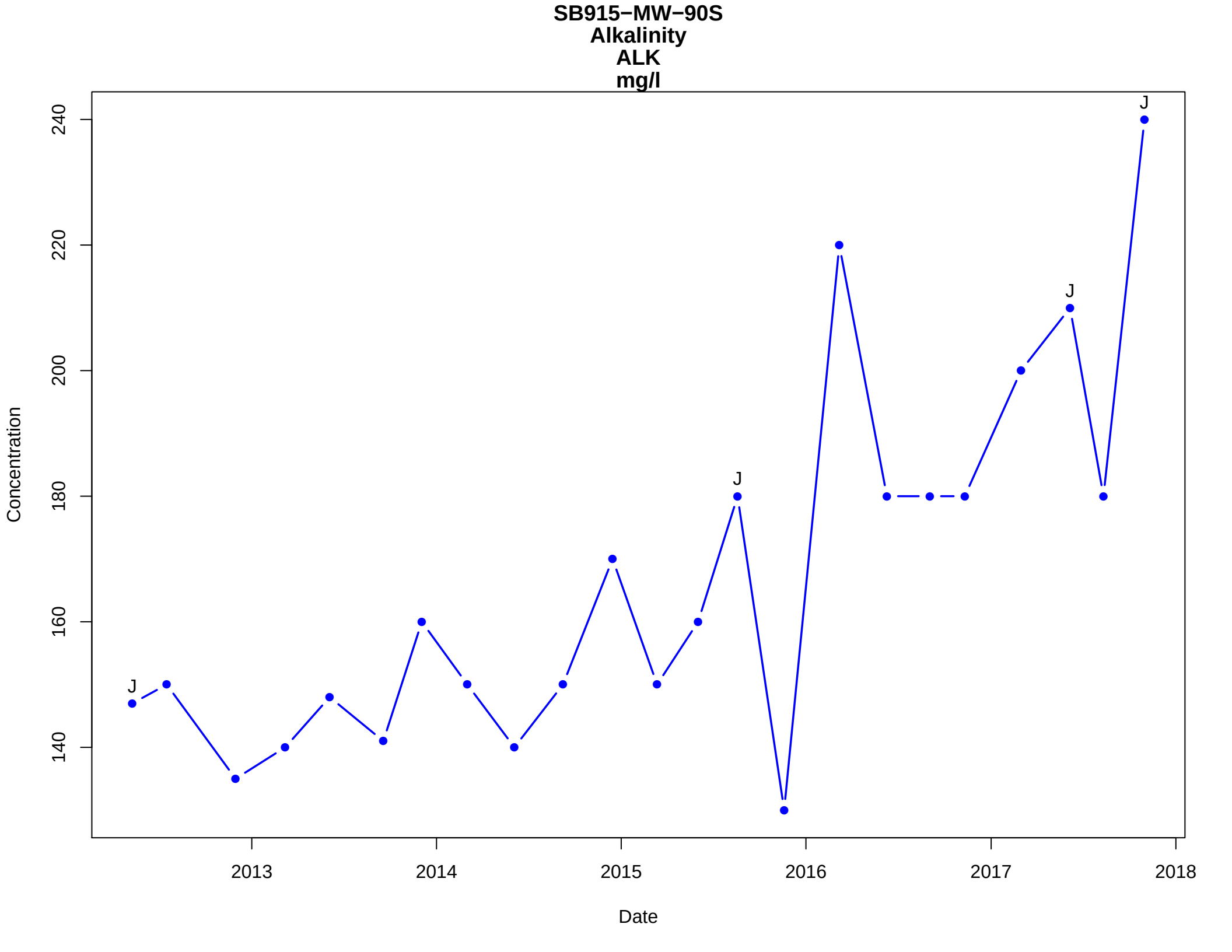

SB915−MW−90I
Alkalinity
ALK
mg/l
Concentration
50
60
70
80
90
100
110
120
2013
2014
2015
2016
2017
2018
Date
J
J−
J
J
J

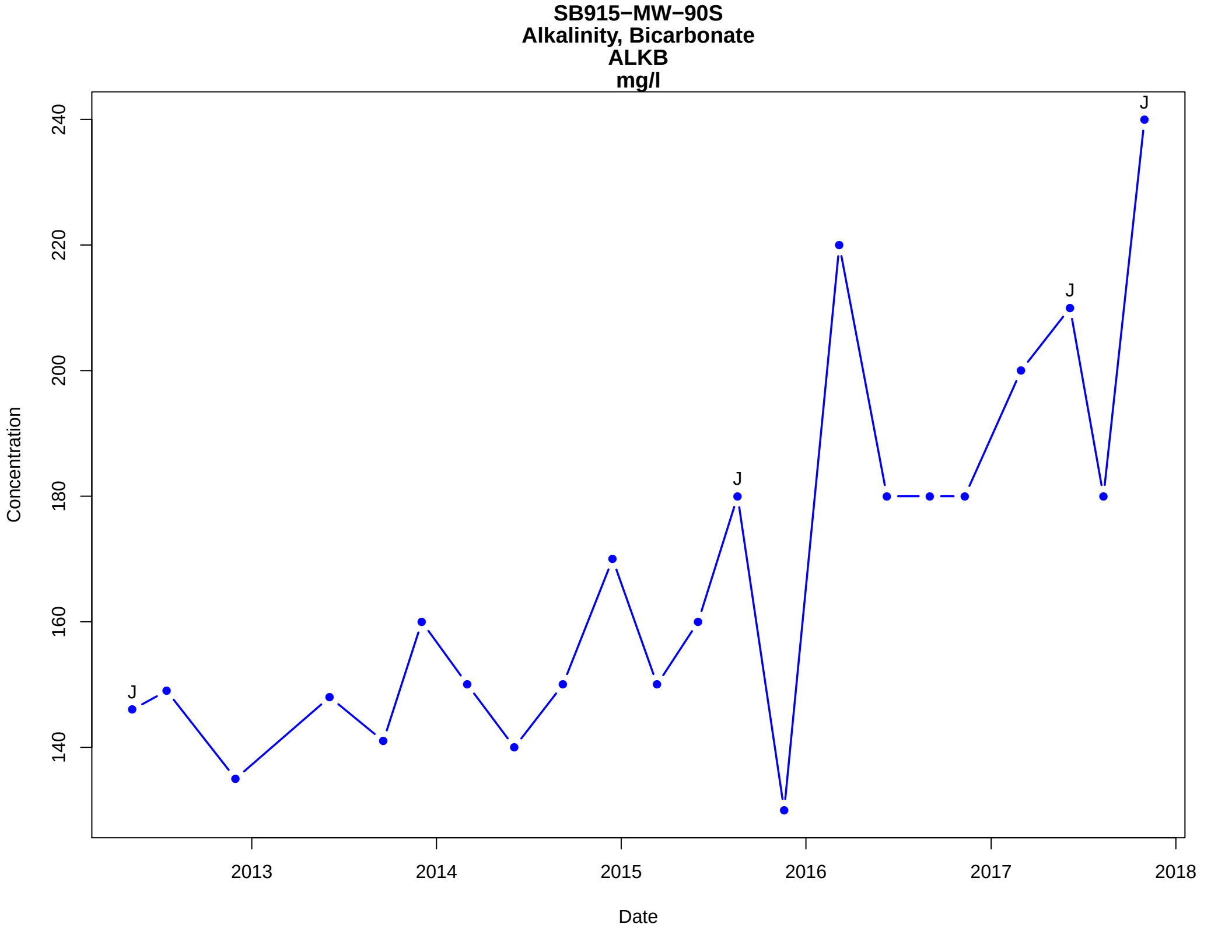

SB915−MW−90I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
50
60
70
80
90
100
110
120
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J

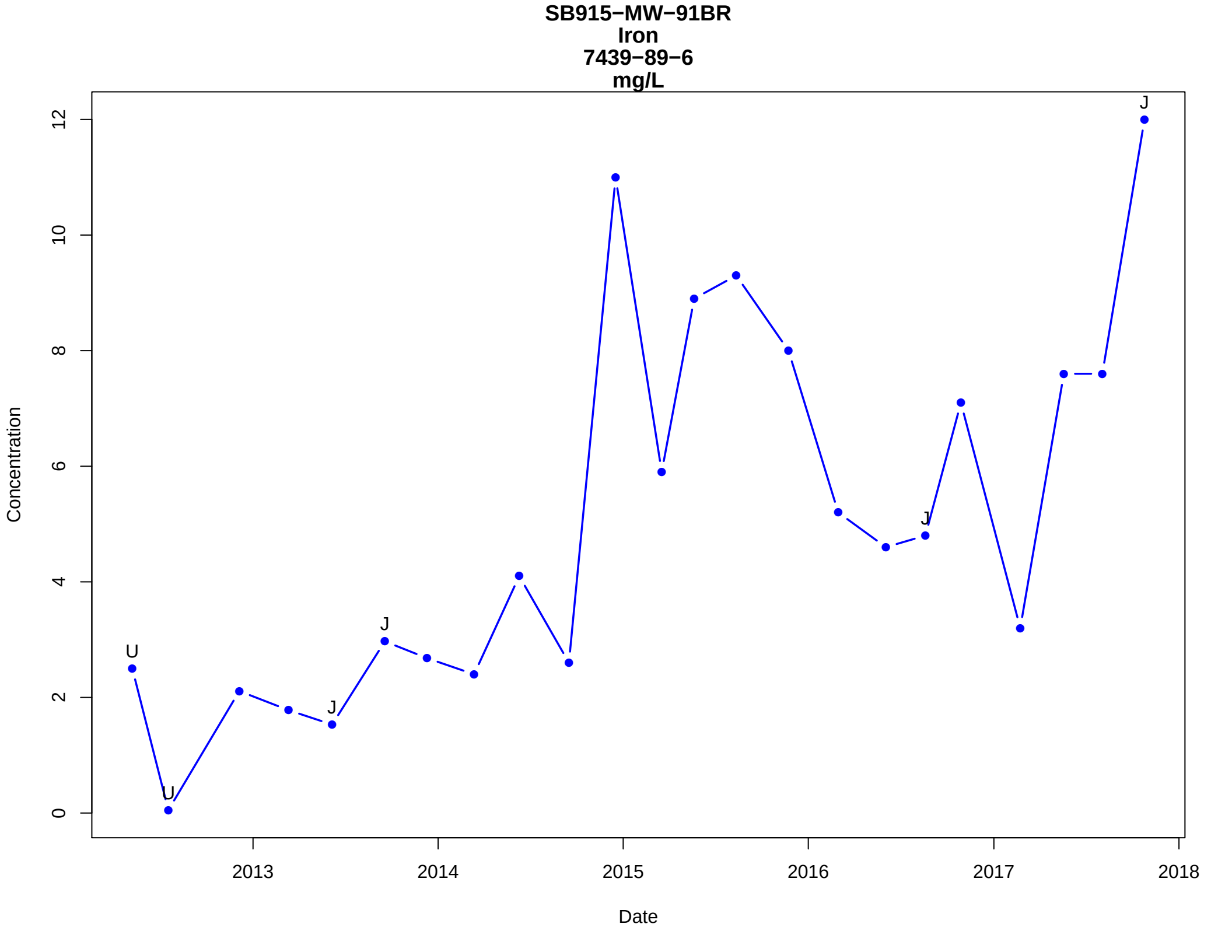

SB915−MW−90I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0
2
4
6
8
10
12
J
J
J
UJ
J−
U
J
J
J
J
J
J
J
J
J
UJ
J−
UJ
UJ
UJ
2013
2014
2015
2016
2017
2018
Date

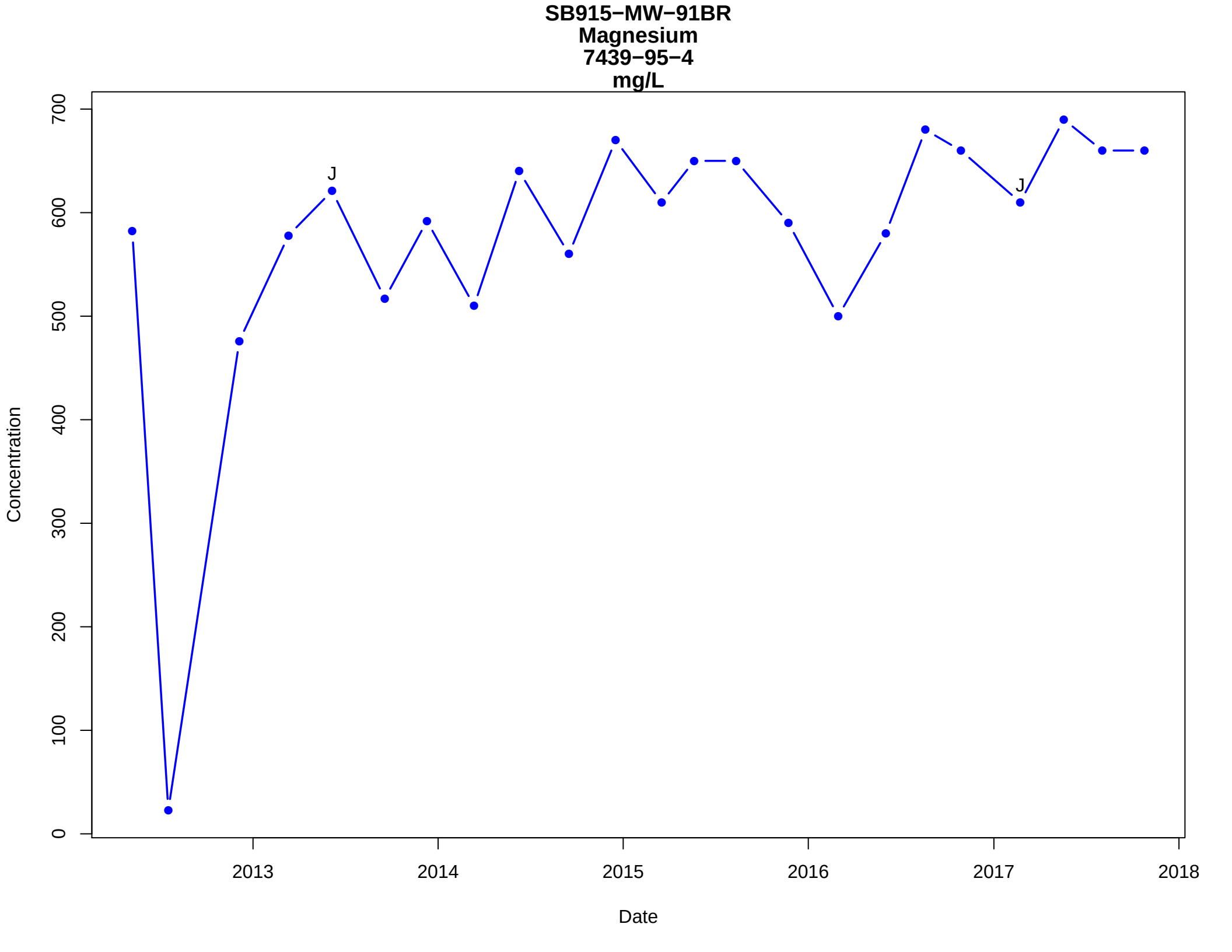

SB915−MW−90I
Turbidity
Turbidity
NTU
Concentration
6
8
10
12
14
2015
Date

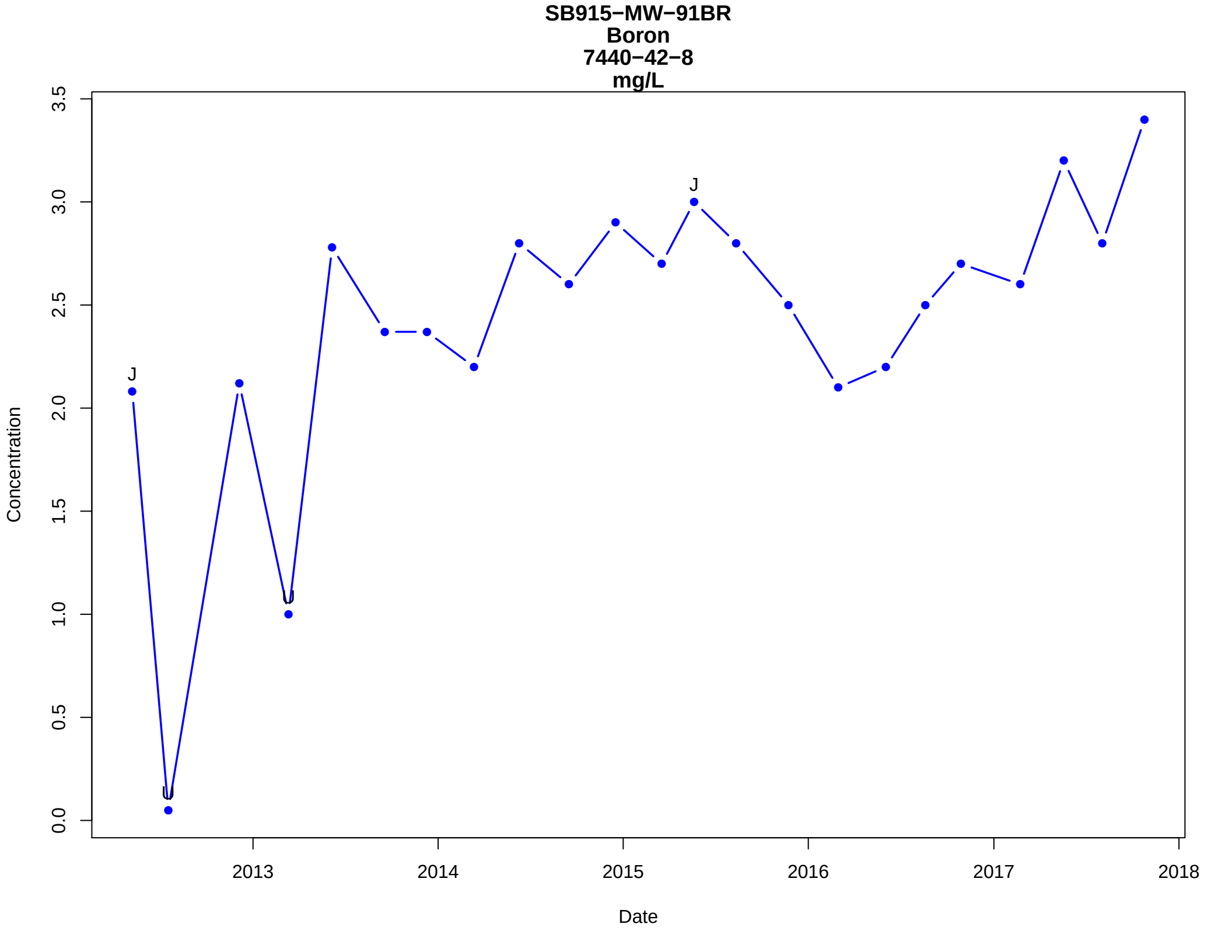

SB915−MW−90S
1,3−Dichlorobenzene
541−73−1
ug/l
Concentration
0.8
0.9
1.0
1.1
1.2
1.3
1.4
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

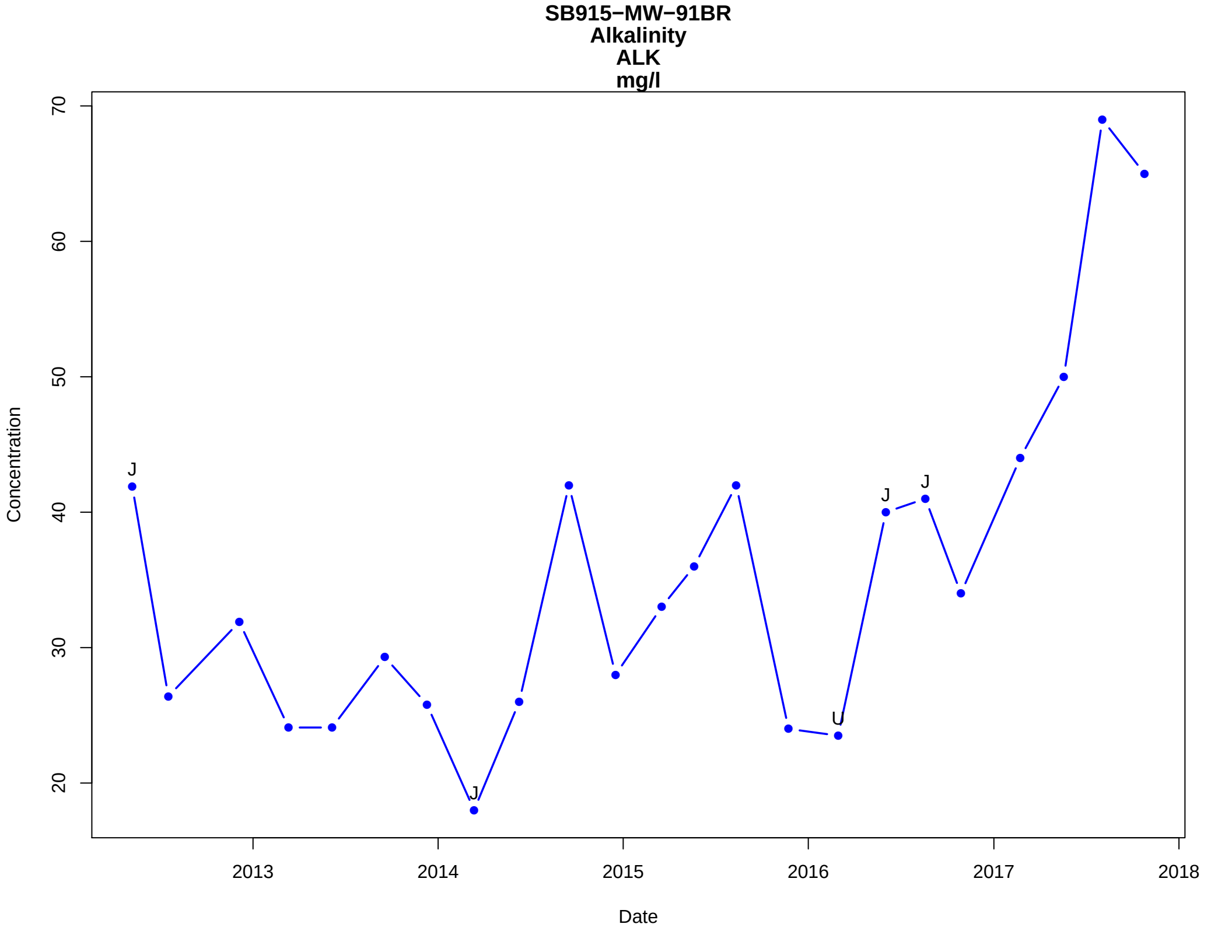

SB915−MW−90S
Alkalinity
ALK
mg/l
Concentration
240
220
200
180
160
140
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

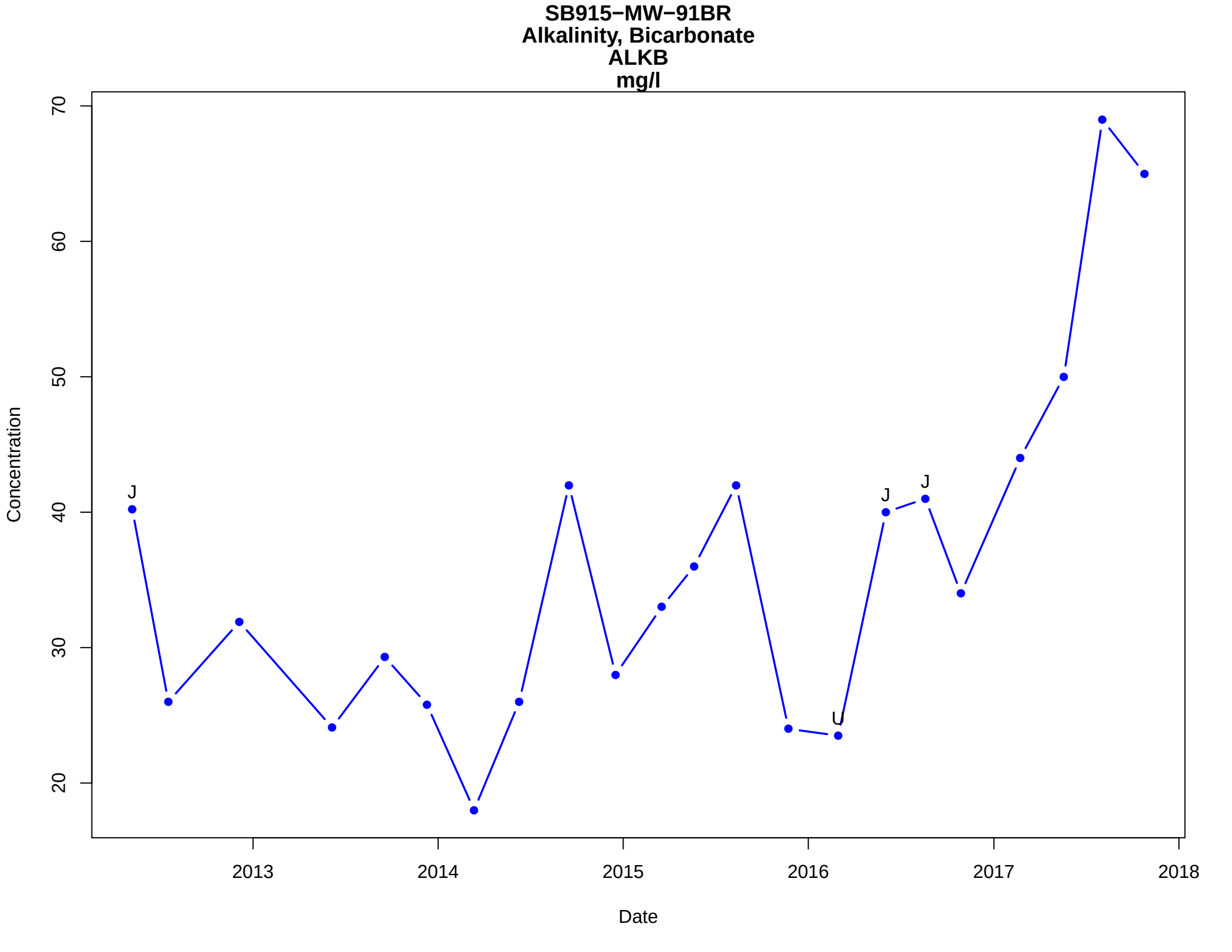

SB915−MW−90S
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
Date
140
160
180
200
220
240
2013
2014
2015
2016
2017
2018
J
J
J
J

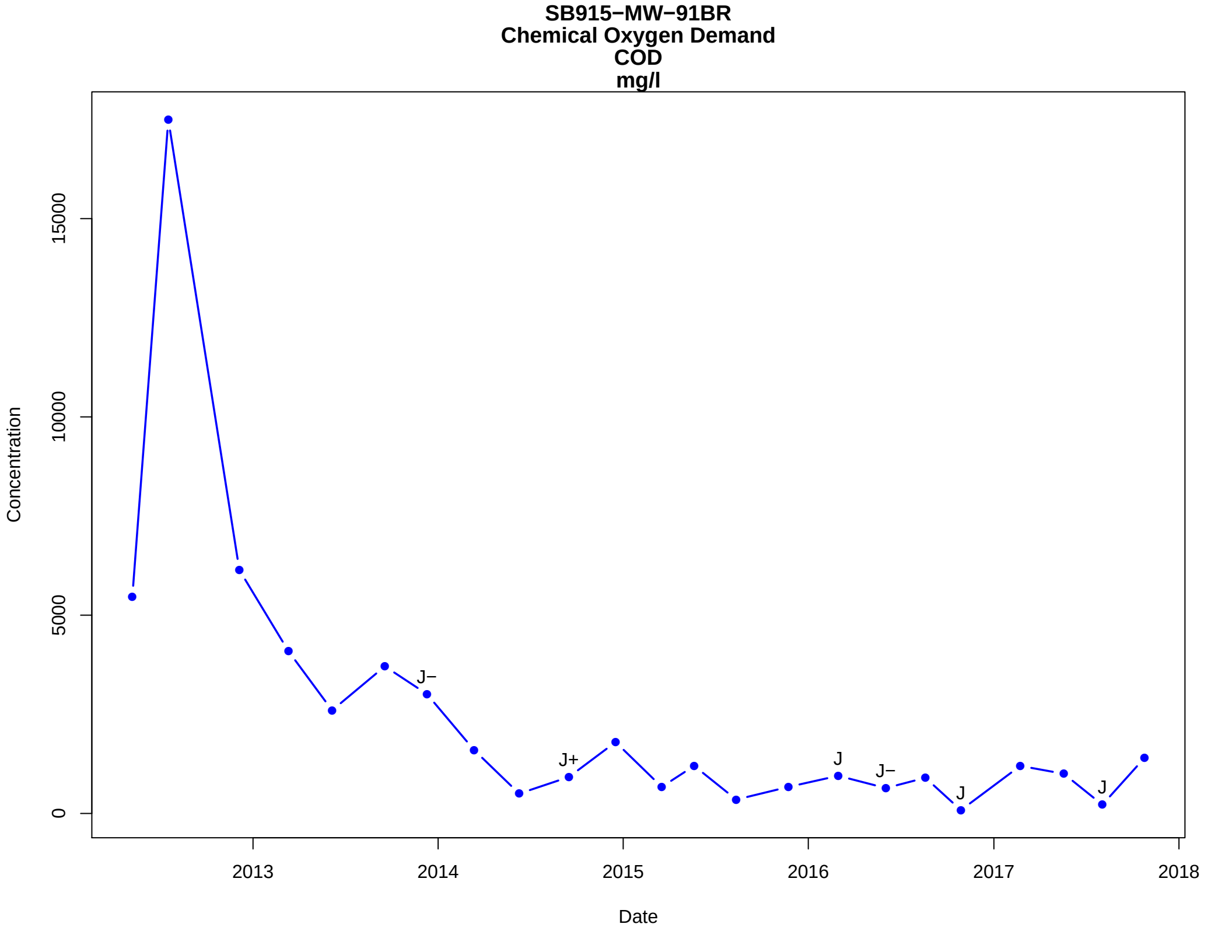

SB915−MW−91BR
Iron
7439−89−6
mg/L
Concentration
0
2
4
6
8
10
12
U
U
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

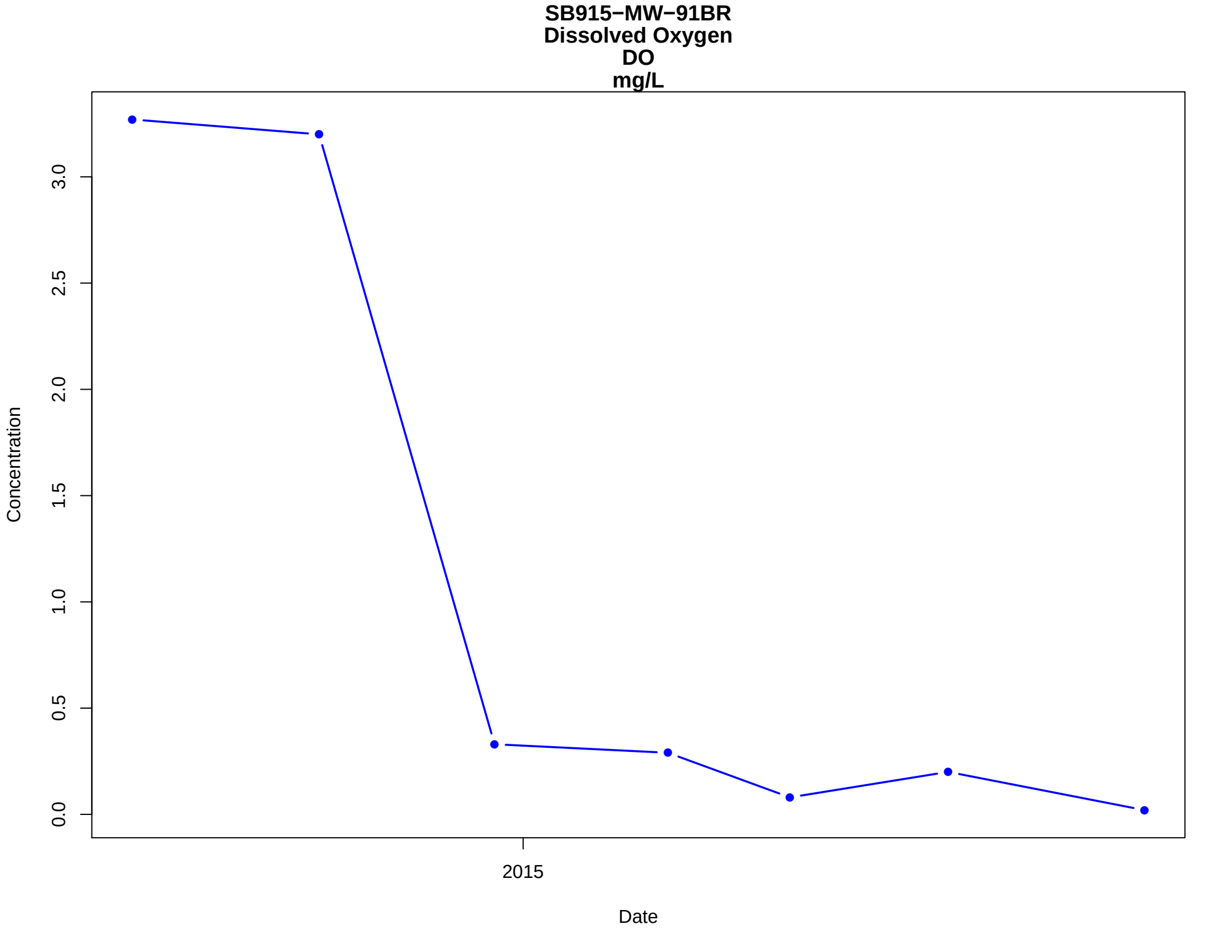

SB915−MW−91BR
Magnesium
7439−95−4
mg/L
Concentration
0
100
200
300
400
500
600
700
J
J
2013
2014
2015
2016
2017
2018
Date

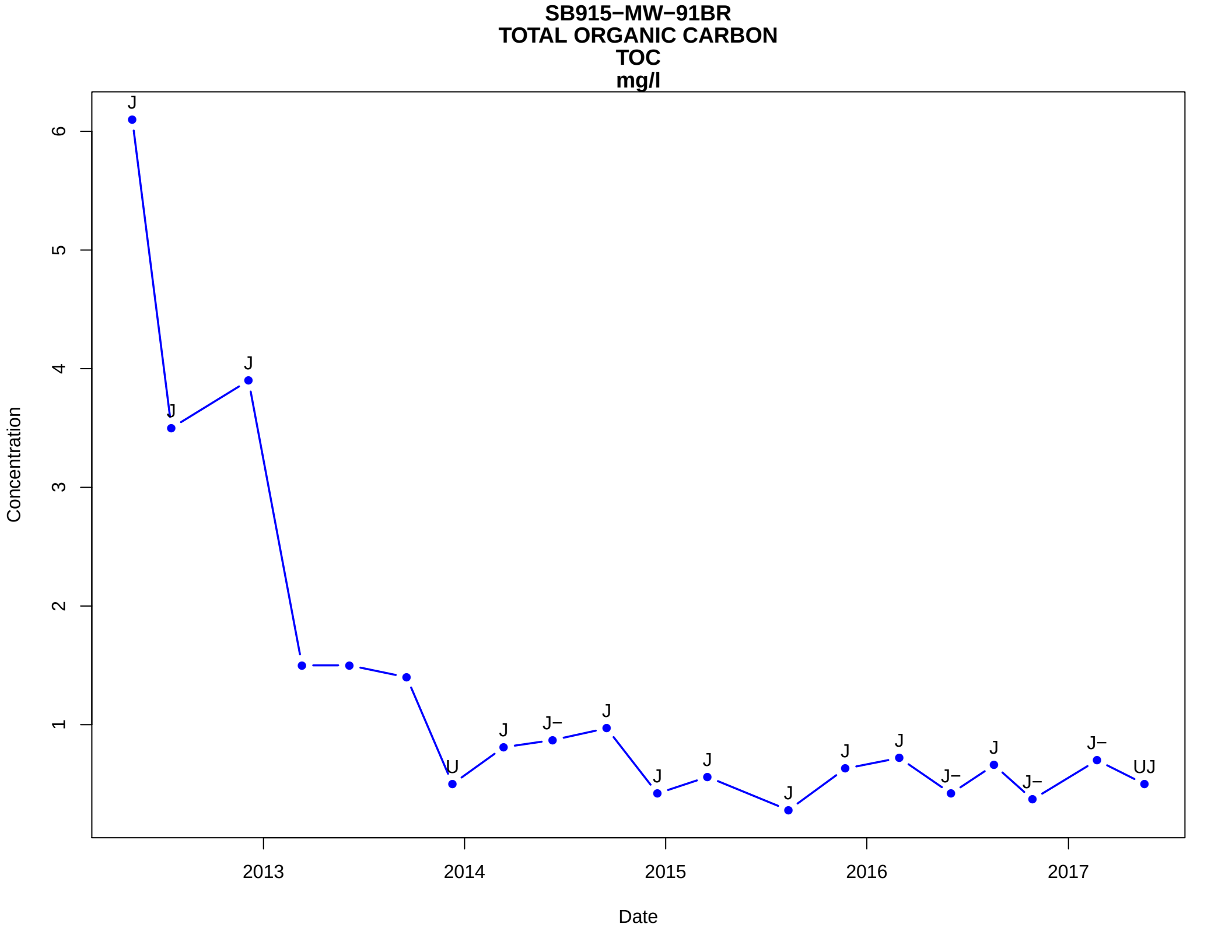

SB915−MW−91BR
Boron
7440−42−8
mg/L
Concentration
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
J
U
U
J
2013
2014
2015
2016
2017
2018
Date

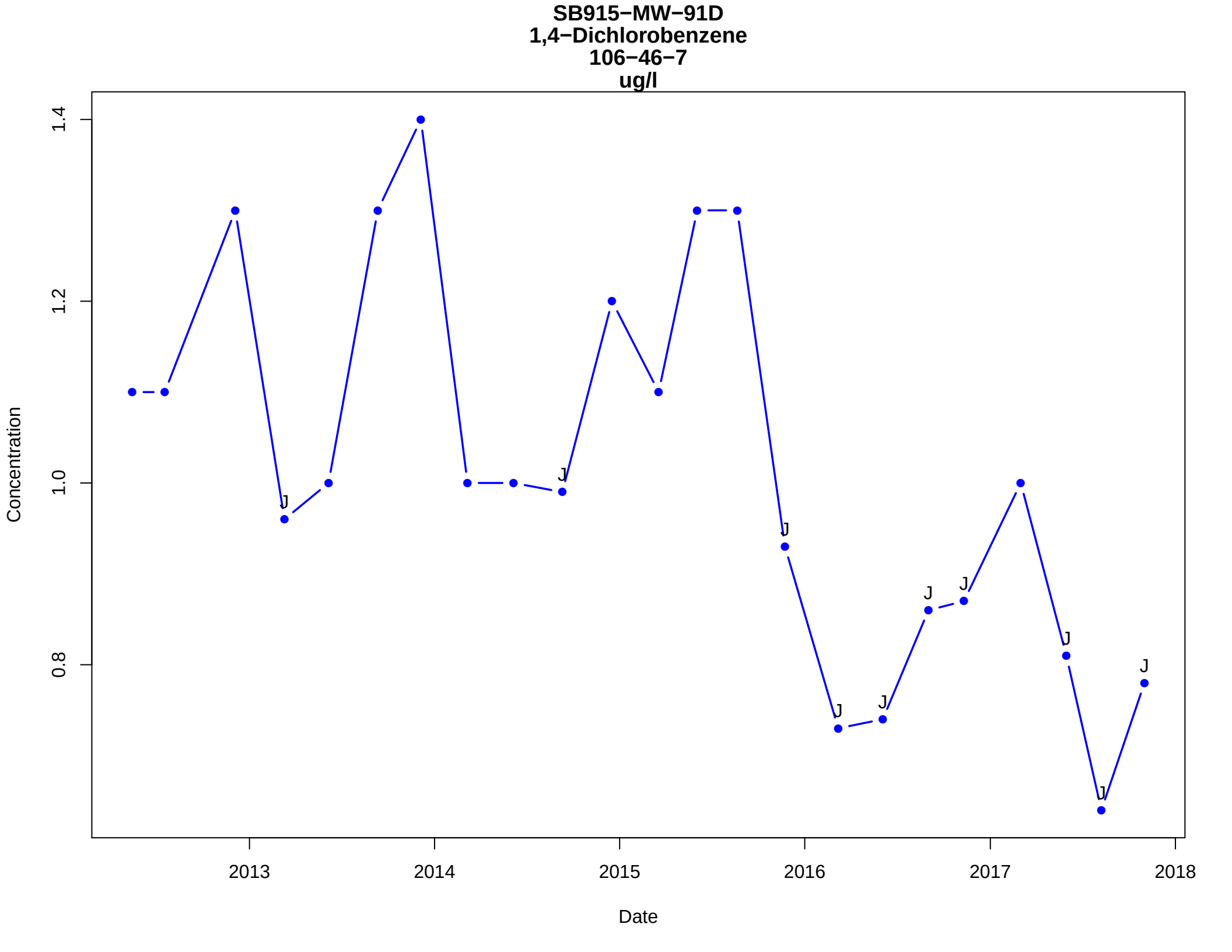

SB915−MW−91BR
Alkalinity
ALK
mg/l
Concentration
70
60
50
40
30
20
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

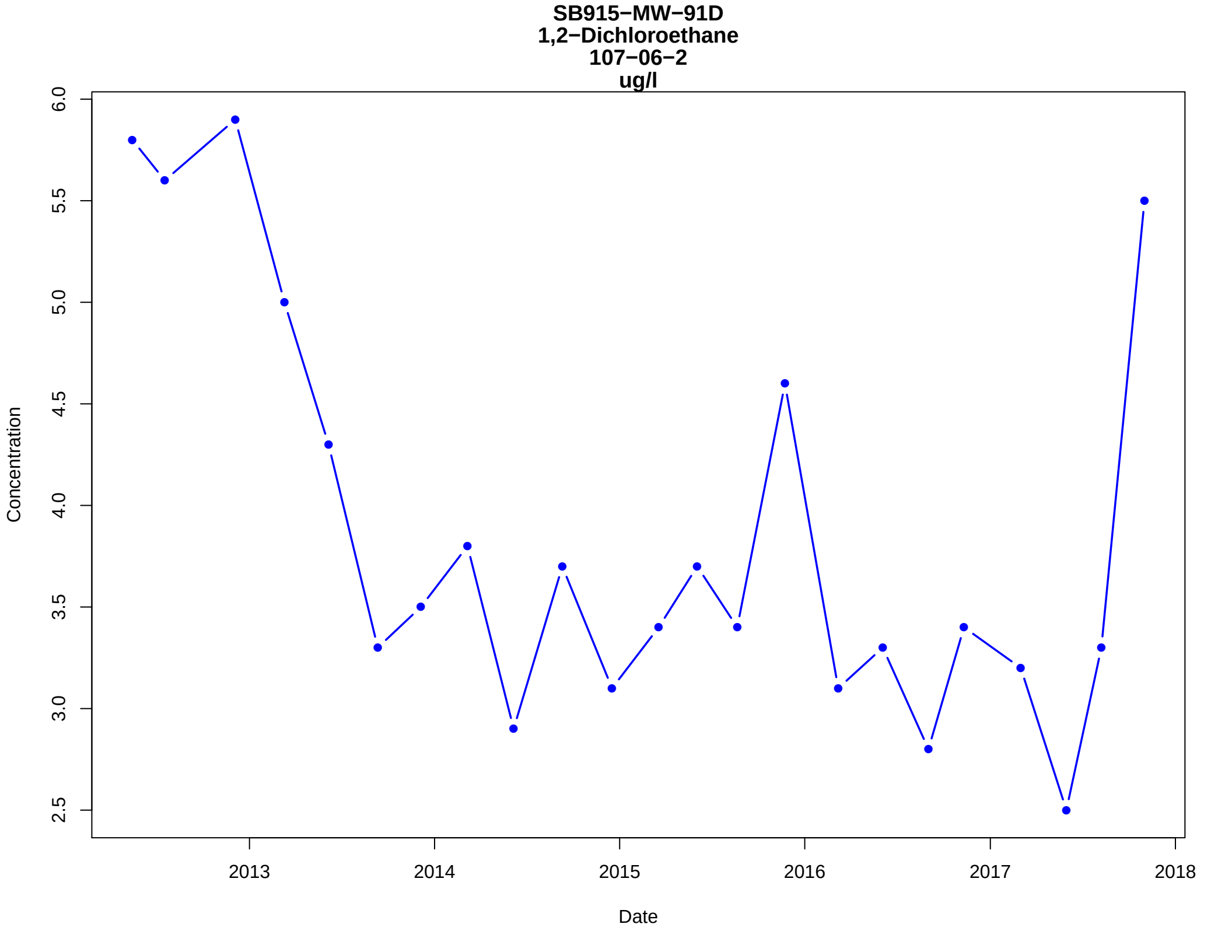

SB915−MW−91BR
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
70
60
50
40
30
20
J
J
J
U
2013
2014
2015
2016
2017
2018
Date

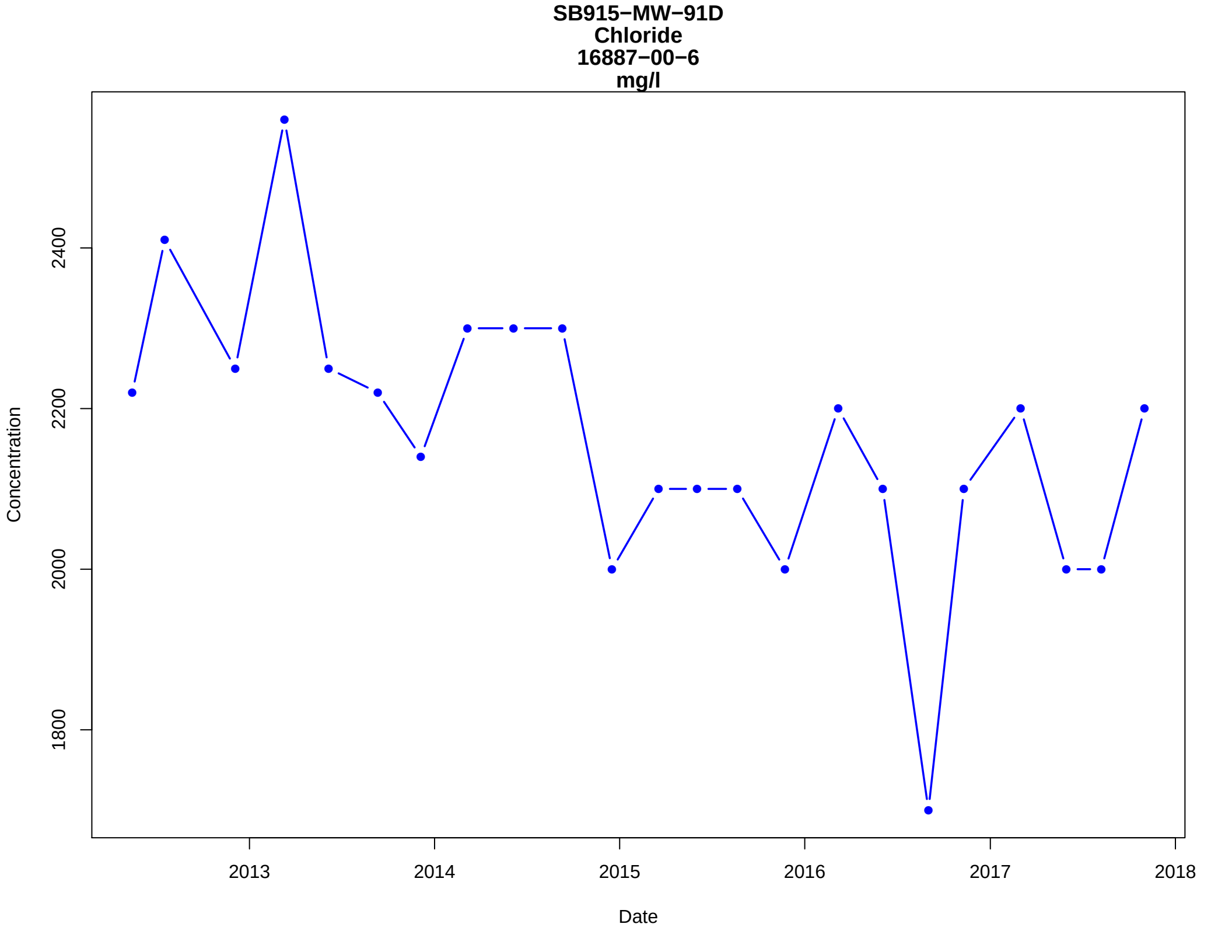

SB915−MW−91BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
2013
2014
2015
2016
2017
2018
Date
J−
J+
J
J−
J
J

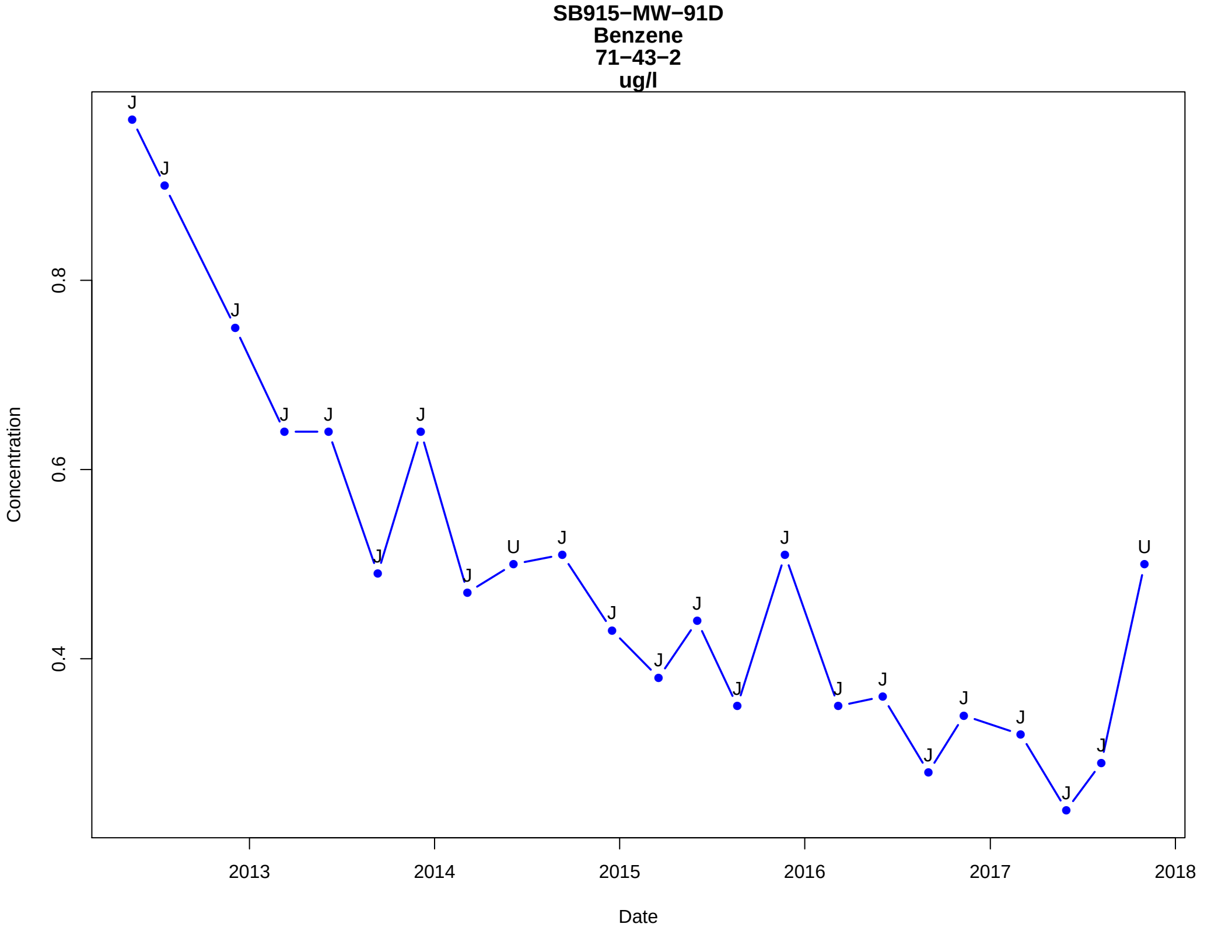

SB915−MW−91BR
Dissolved Oxygen
DO
mg/L
Concentration
0.0
0.5
1.0
1.5
2.0
2.5
3.0
2015
Date

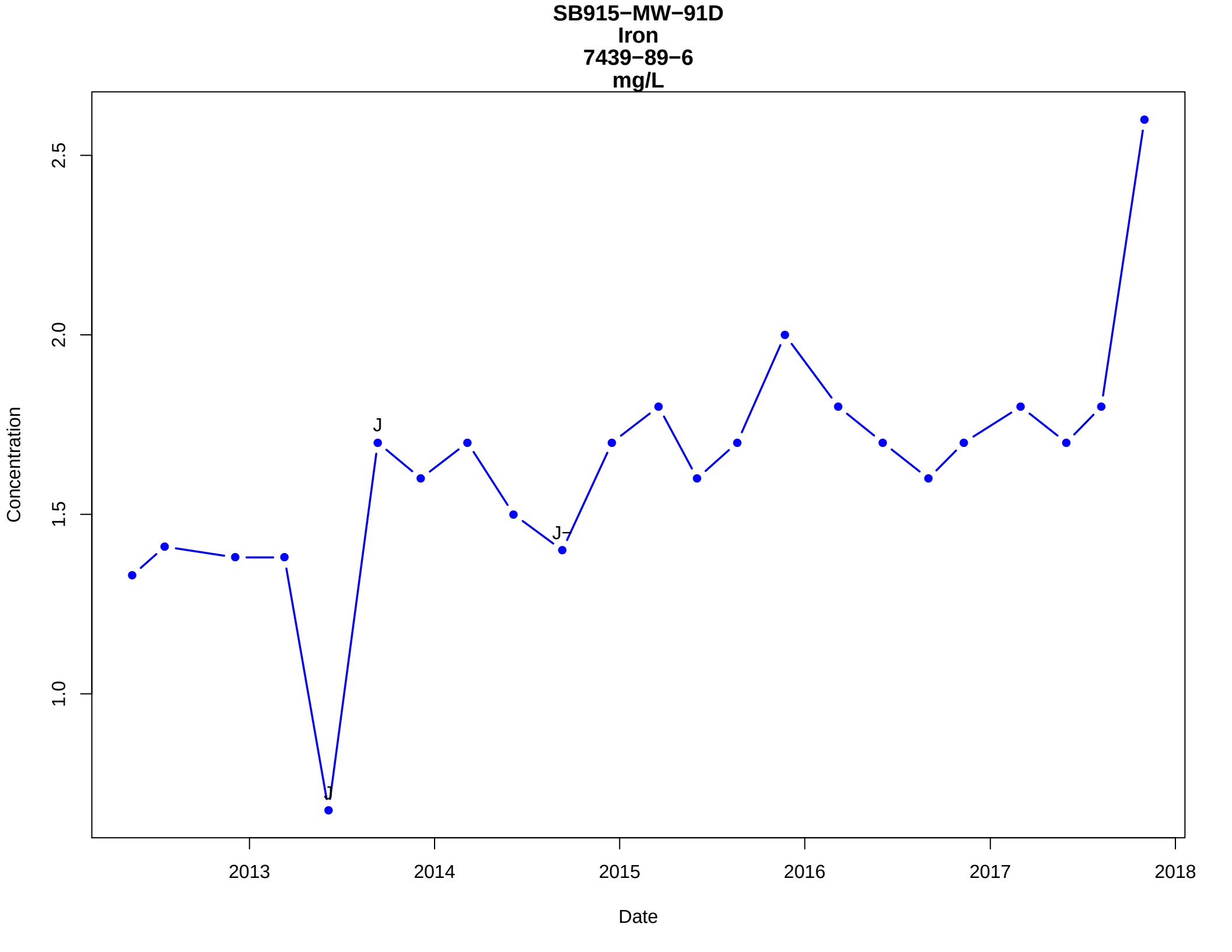

SB915−MW−91BR
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1
2
3
4
5
6
2013
2014
2015
2016
2017
J
J
J
J
J
U
J
J−
J
J
J
J
J
J
J
J−
J
J−
J−
UJ

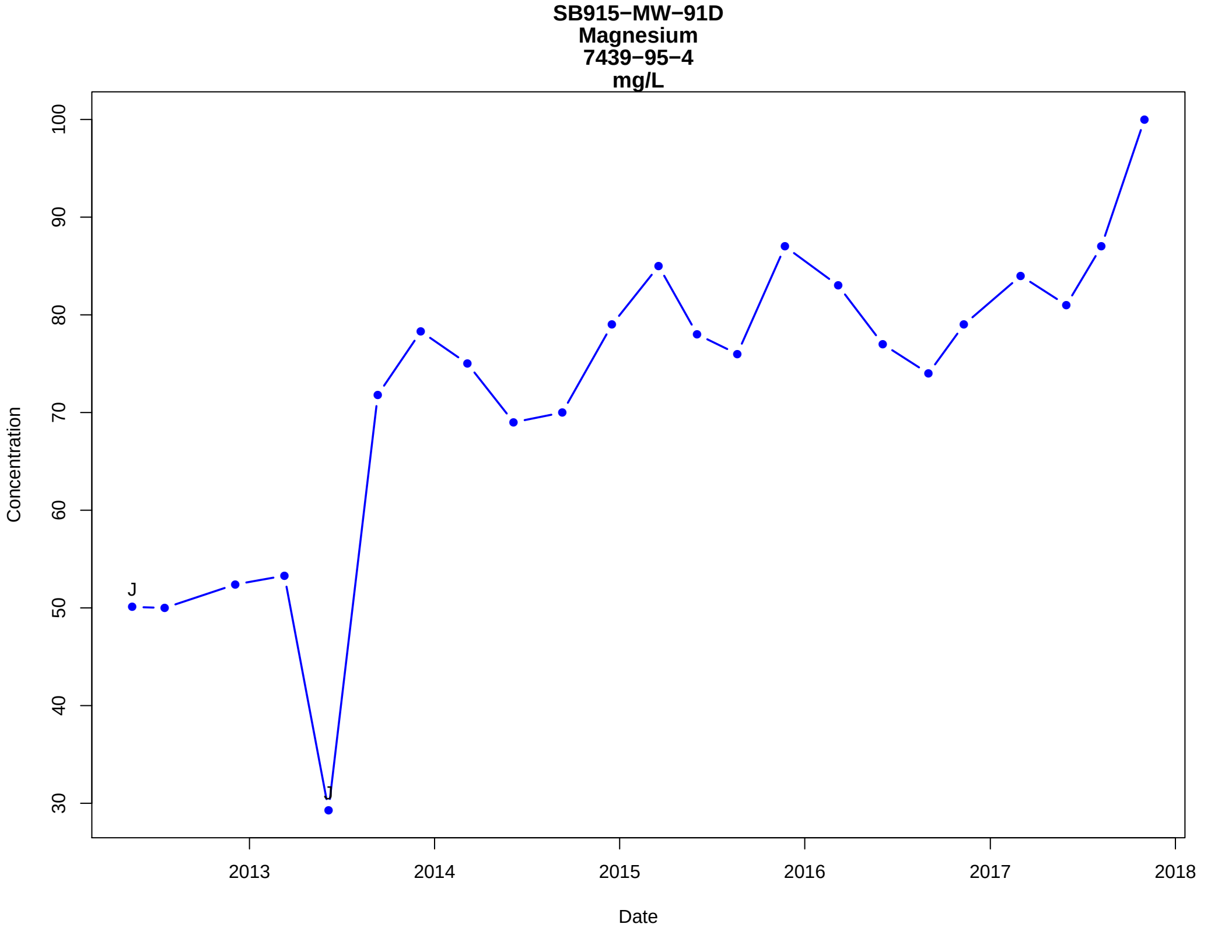

SB915−MW−91D
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
1.4
1.2
1.0
0.8
J
2013
2014
2015
2016
2017
2018
Date

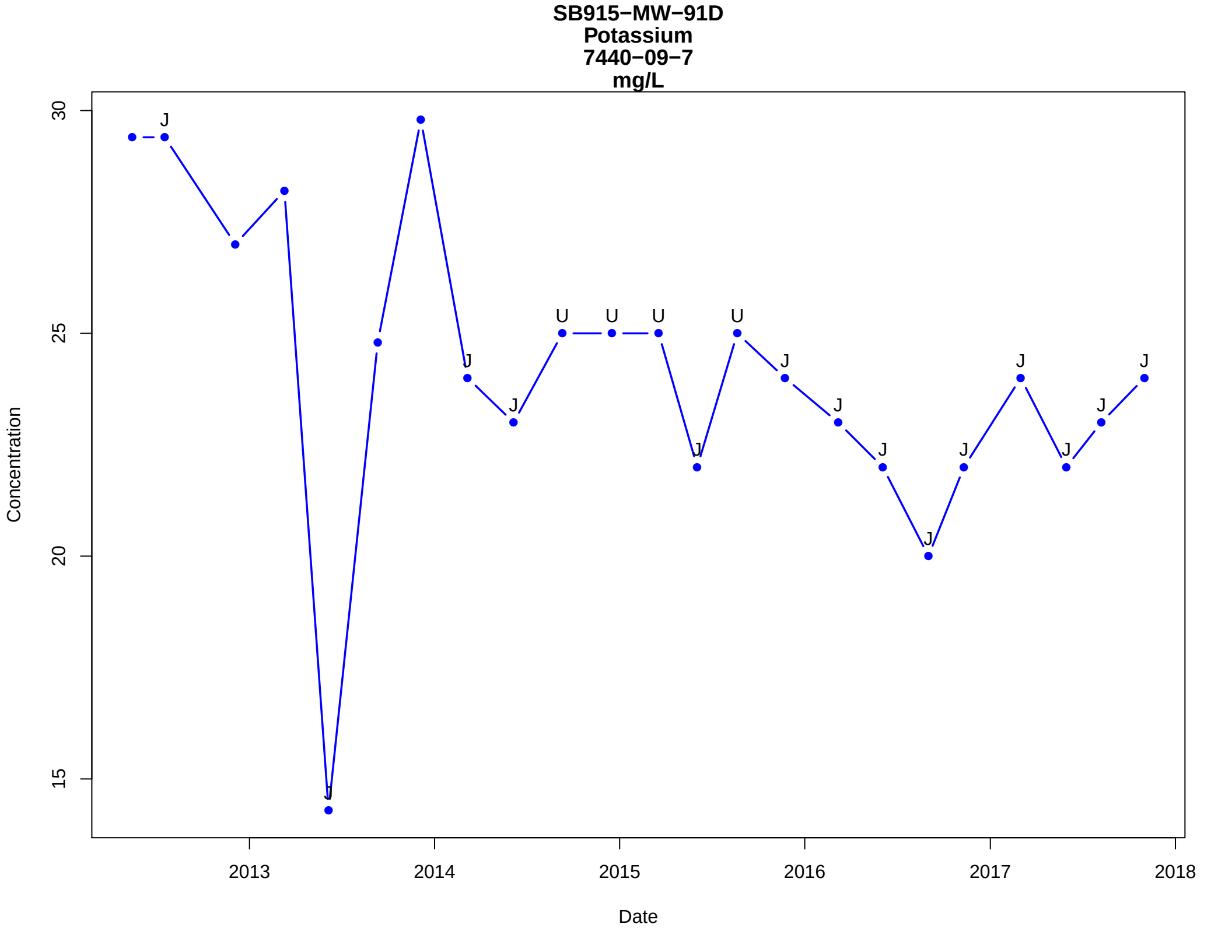

SB915−MW−91D
1,2−Dichloroethane
107−06−2
ug/l
Concentration
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2013
2014
2015
2016
2017
2018
Date

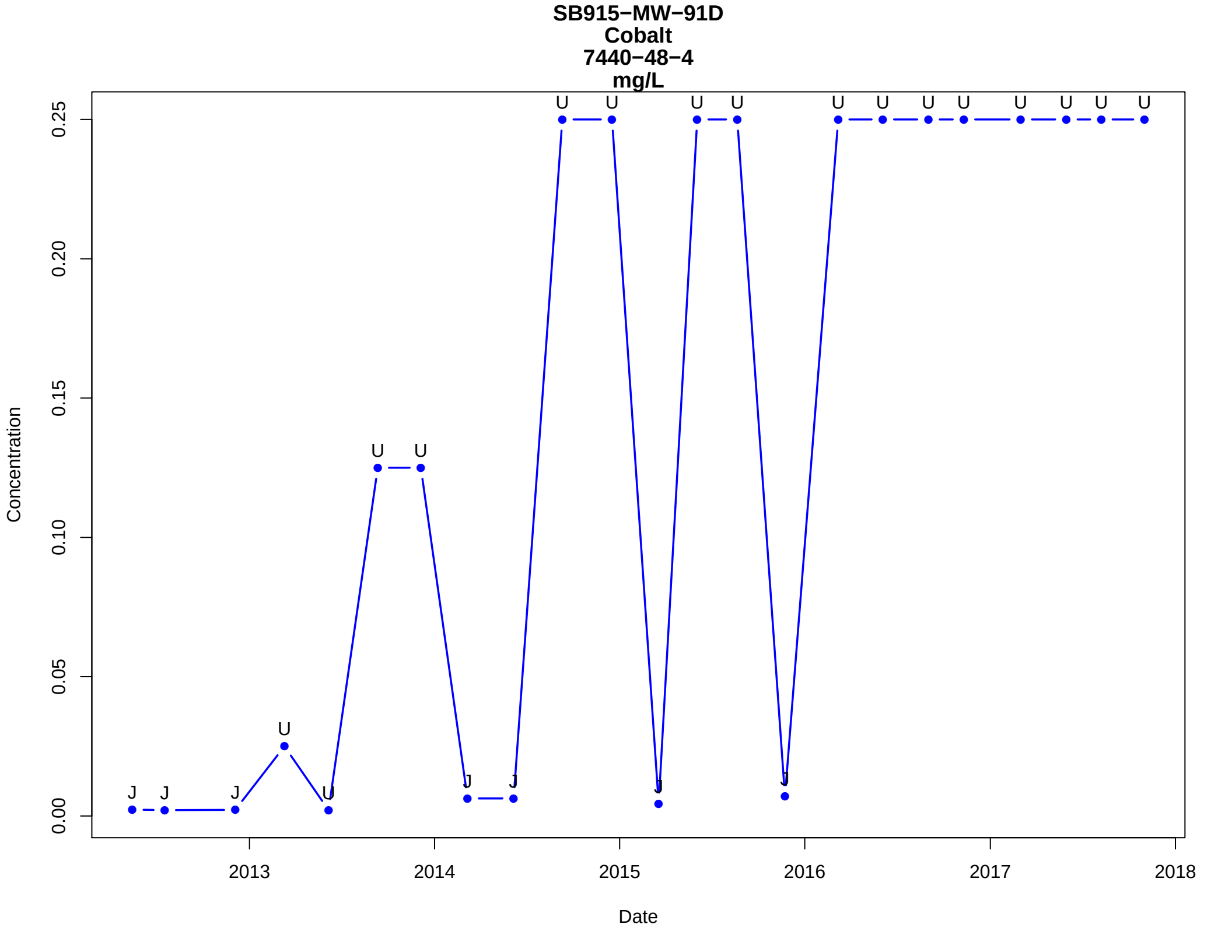

SB915−MW−91D
Chloride
16887−00−6
mg/l
Concentration
2400
2200
2000
1800
2013
2014
2015
2016
2017
2018
Date

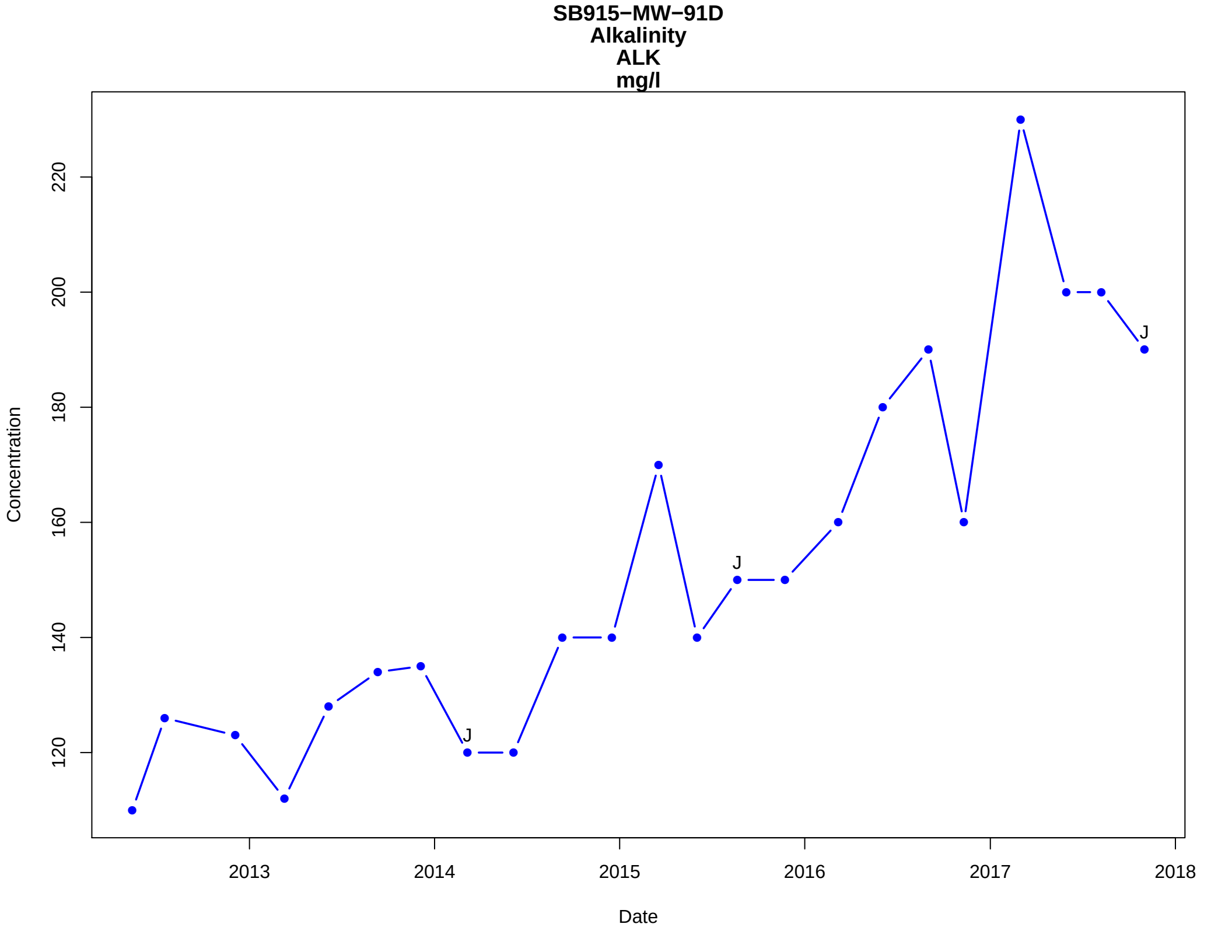

SB915−MW−91D
Benzene
71−43−2
ug/l
Concentration
0.4
0.6
0.8
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J
J
U
J
J
J
J
J
J
J
J
J
J
J
J
U

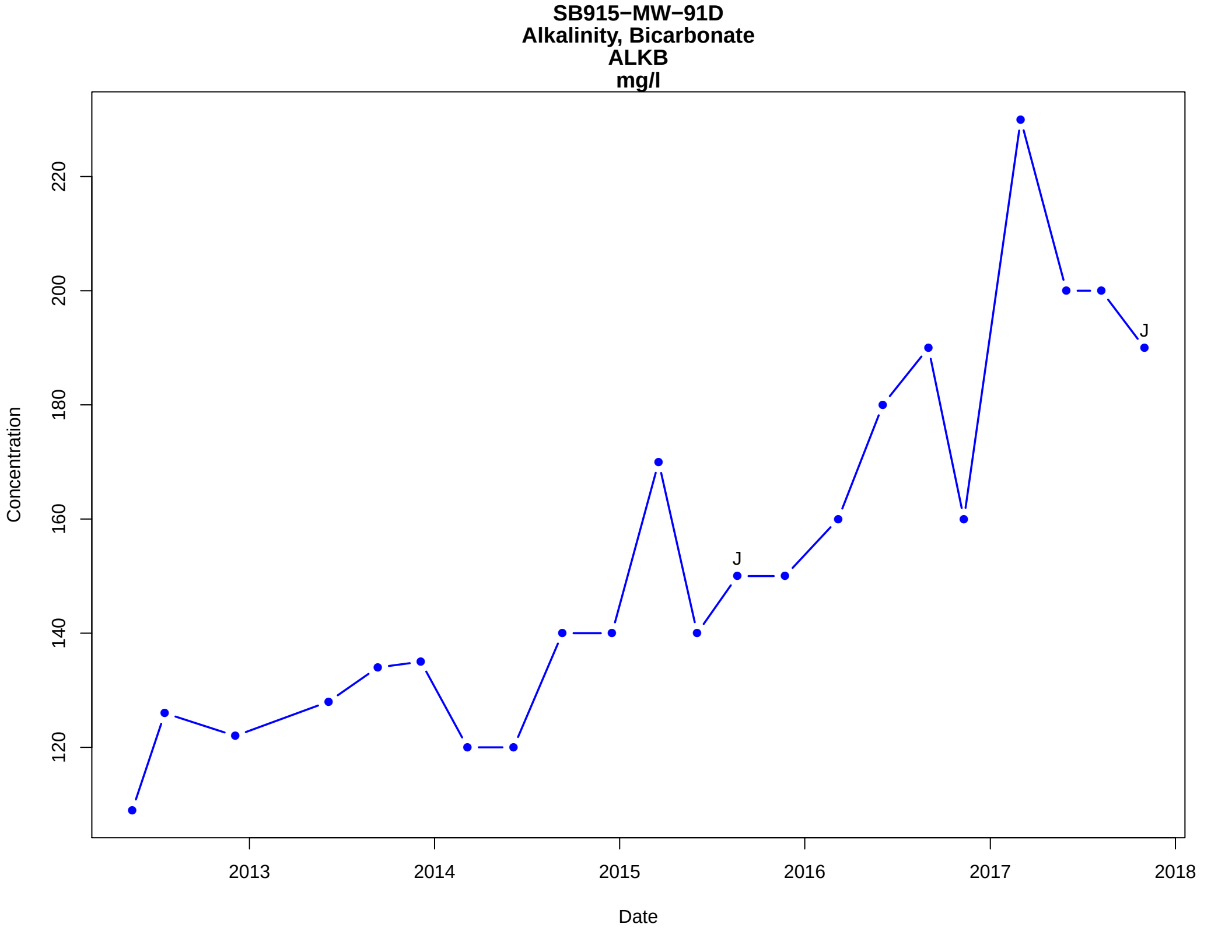

SB915−MW−91D
Iron
7439−89−6
mg/L
Concentration
2.5
2.0
1.5
1.0
J
J
J
2013
2014
2015
2016
2017
2018
Date

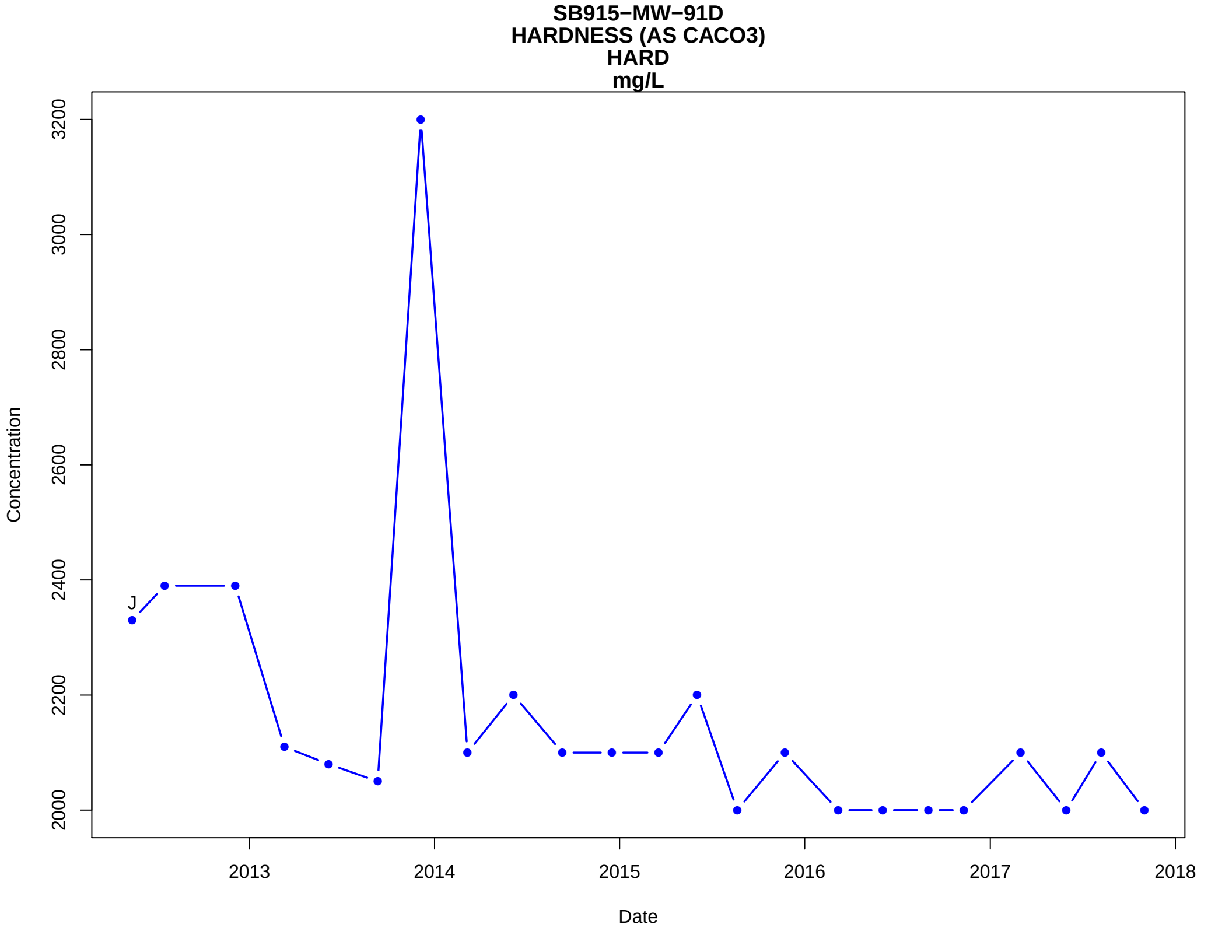

SB915−MW−91D
Magnesium
7439−95−4
mg/L
Concentration
100
90
80
70
60
50
40
30
J
J
2013
2014
2015
2016
2017
2018
Date

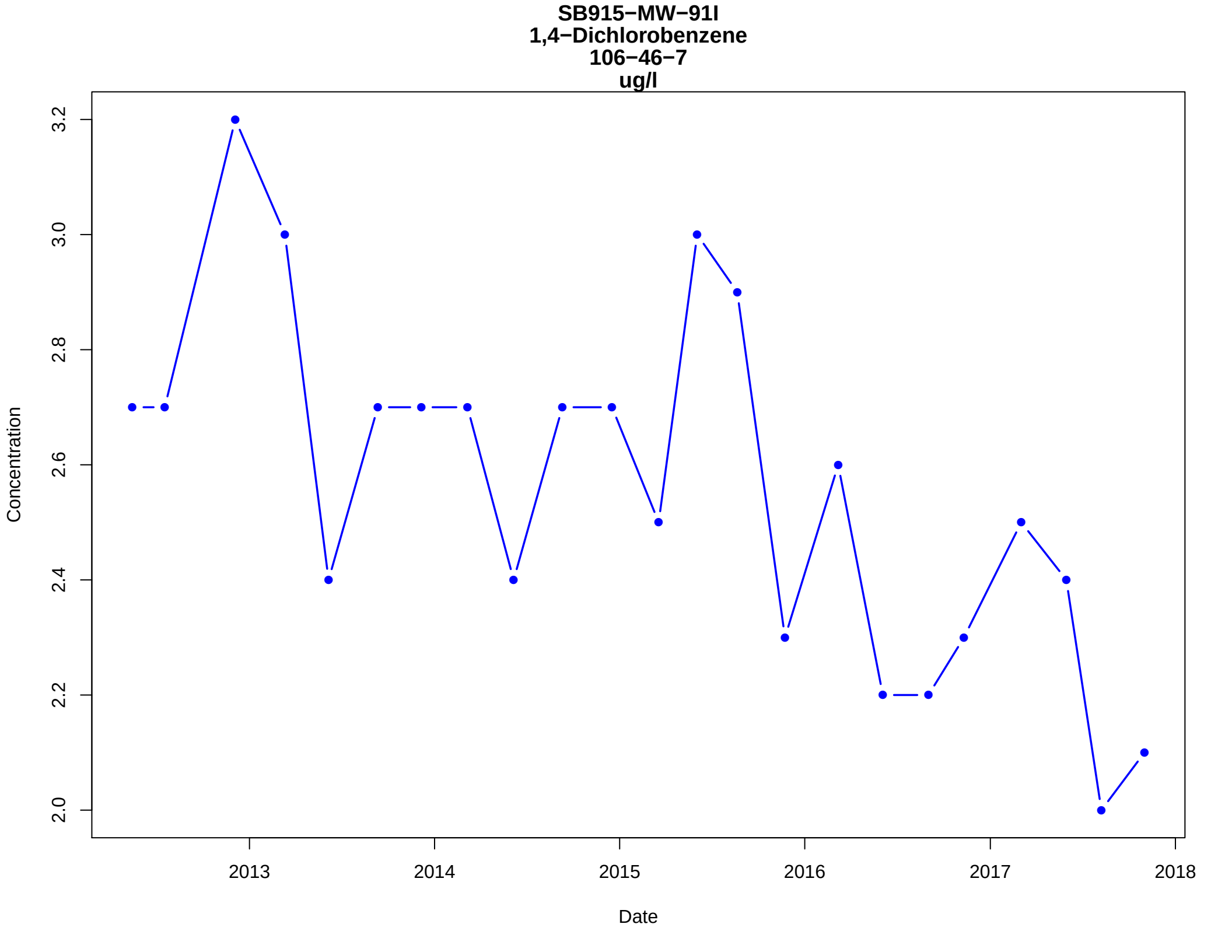

SB915−MW−91D
Potassium
7440−09−7
mg/L
Concentration
30
25
20
15
J
J
J
J
J
J
U
U
U
U
J
J
J
J
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

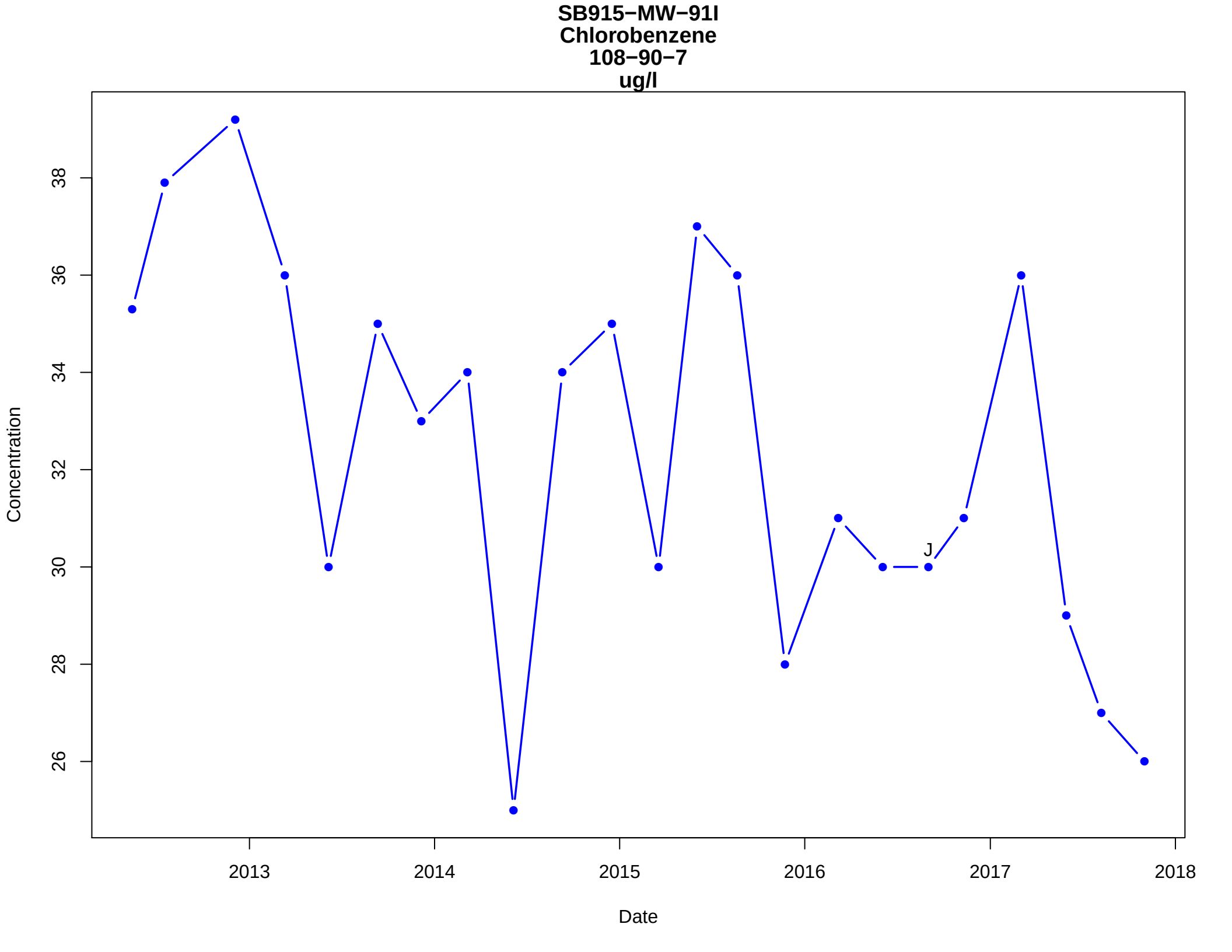

SB915−MW−91D
Cobalt
7440−48−4
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
J J J U U U U J J U U U U U U U U U U U U

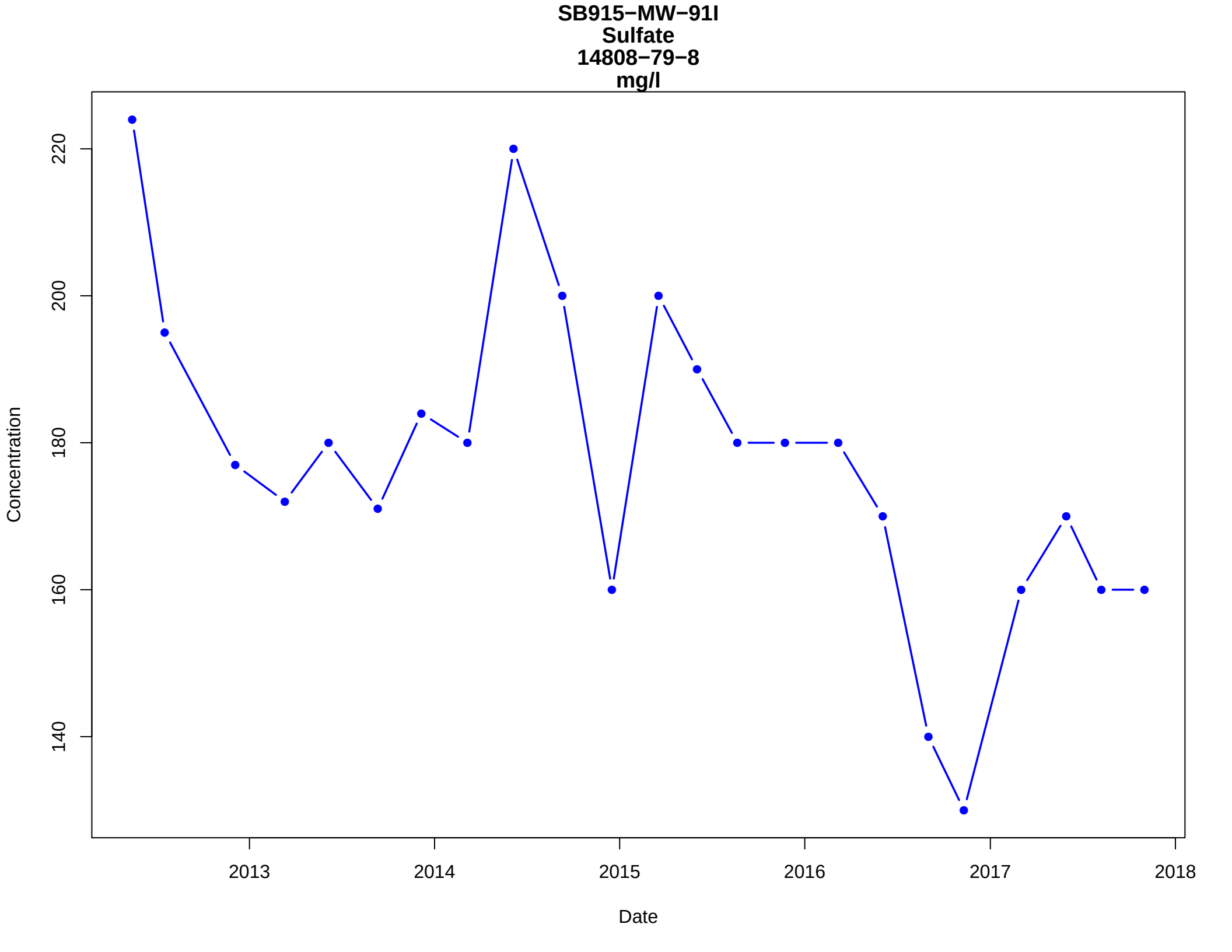

SB915−MW−91D
Alkalinity
ALK
mg/l
Concentration
120
140
160
180
200
220
2013
2014
2015
2016
2017
2018
Date
J
J
J

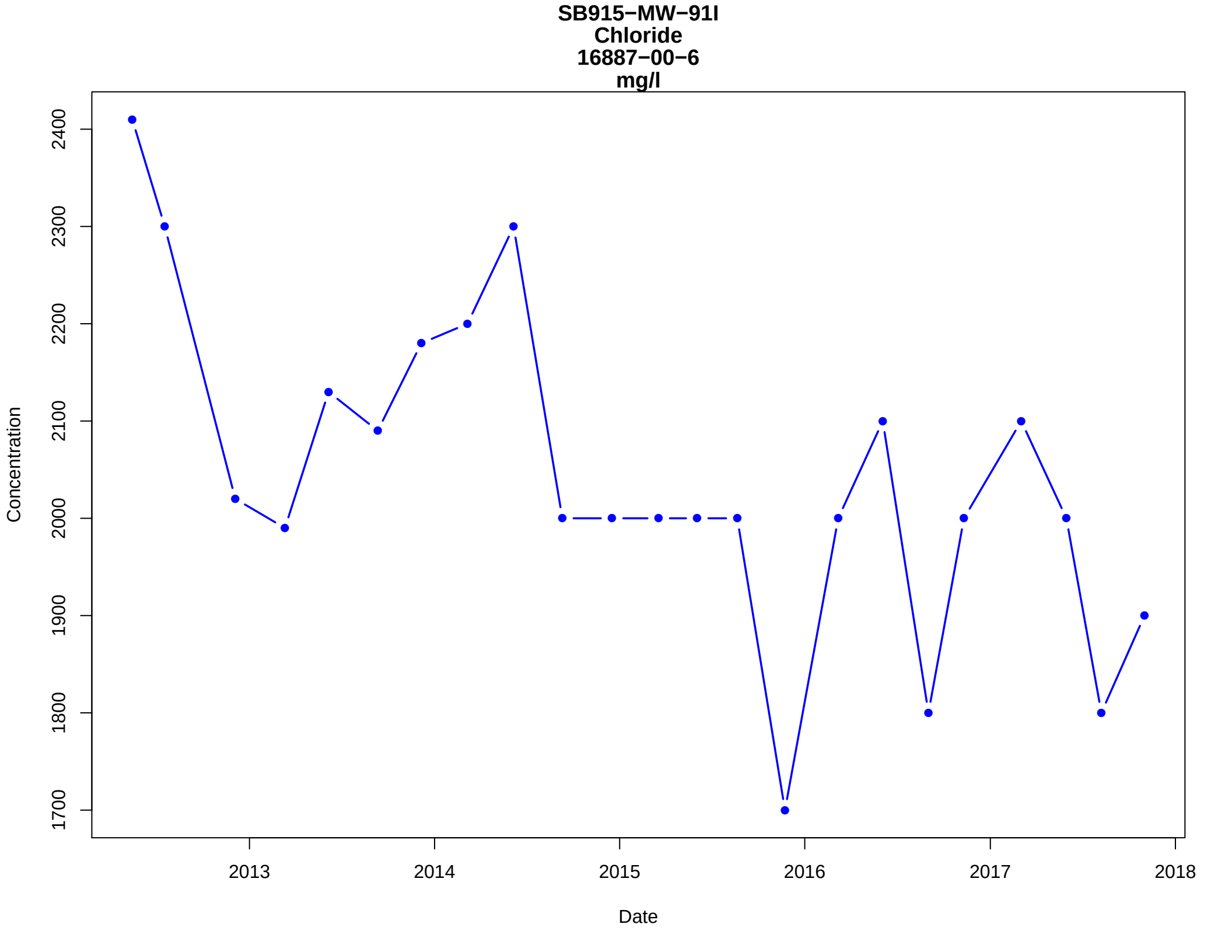

SB915−MW−91D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
120
140
160
180
200
220
2013
2014
2015
2016
2017
2018
Date
J
J

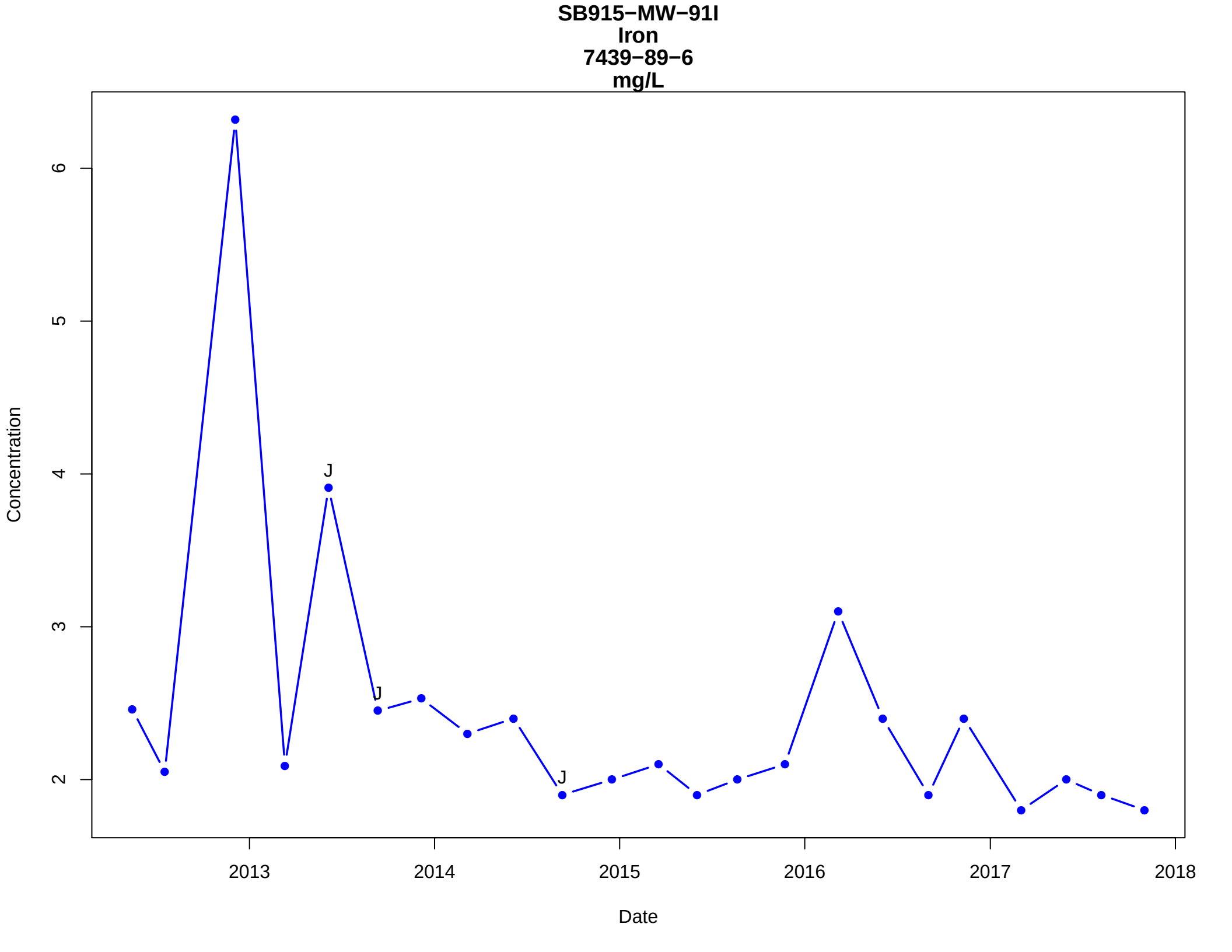

SB915−MW−91D
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
3200
3000
2800
2600
2400
2200
2000
J
2013
2014
2015
2016
2017
2018
Date

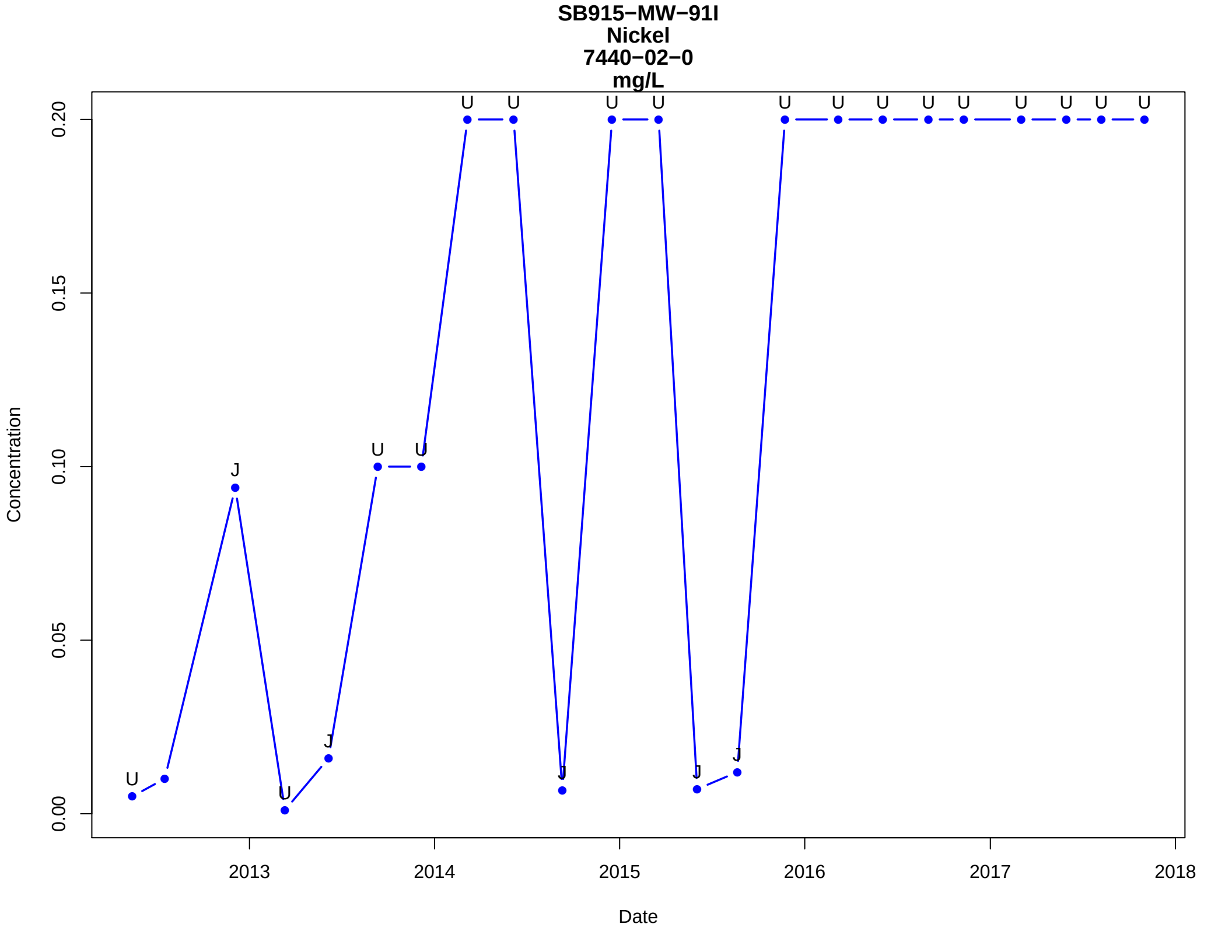

SB915−MW−91I
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
2.0
2.2
2.4
2.6
2.8
3.0
3.2
2013
2014
2015
2016
2017
2018
Date

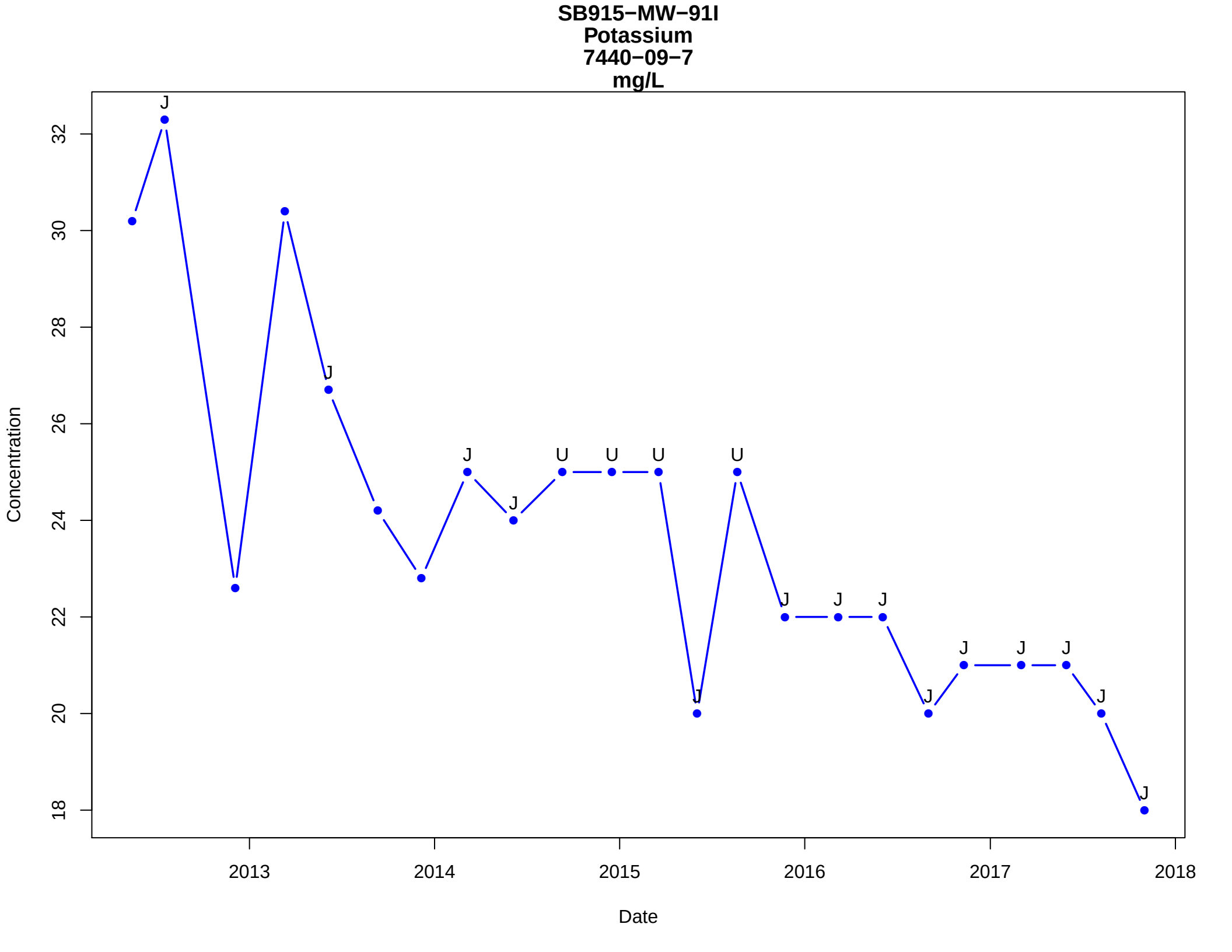

SB915−MW−91I
Chlorobenzene
108−90−7
ug/l
Concentration
26
28
30
32
34
36
38
J
2013
2014
2015
2016
2017
2018
Date

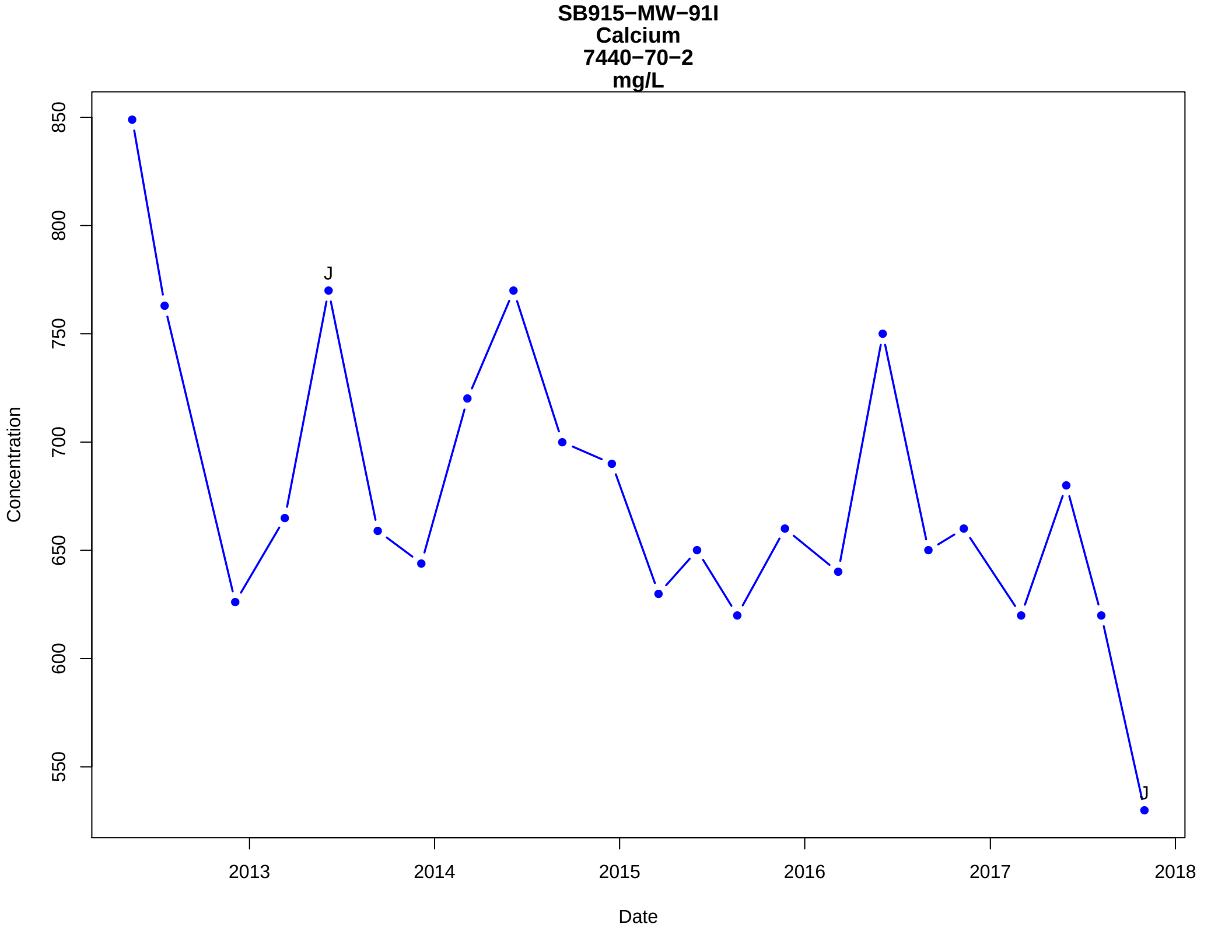

SB915−MW−91I
Sulfate
14808−79−8
mg/l
Concentration
220
200
180
160
140
2013
2014
2015
2016
2017
2018
Date

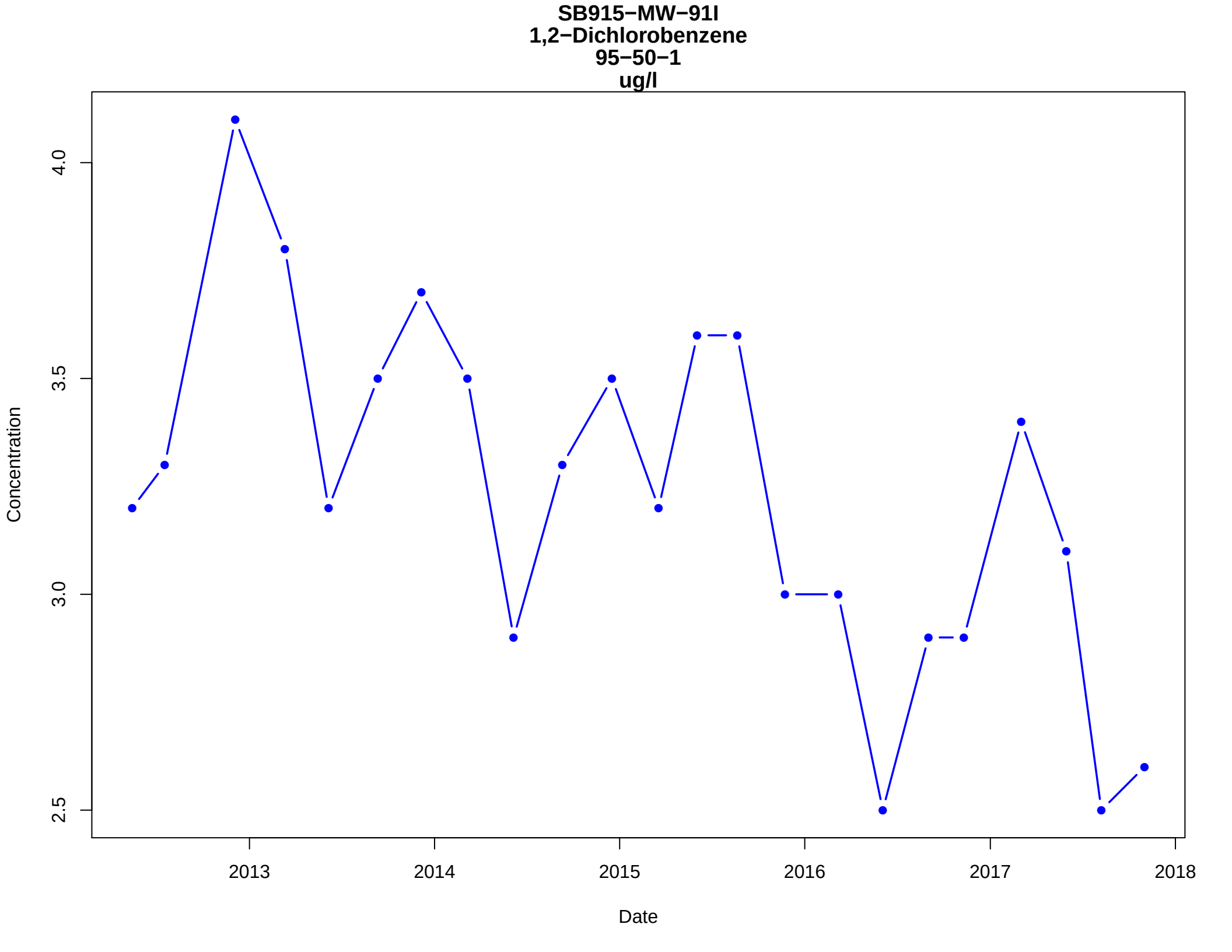

SB915−MW−91I
Chloride
16887−00−6
mg/l
Concentration
2400
2300
2200
2100
2000
1900
1800
1700
2013
2014
2015
2016
2017
2018
Date

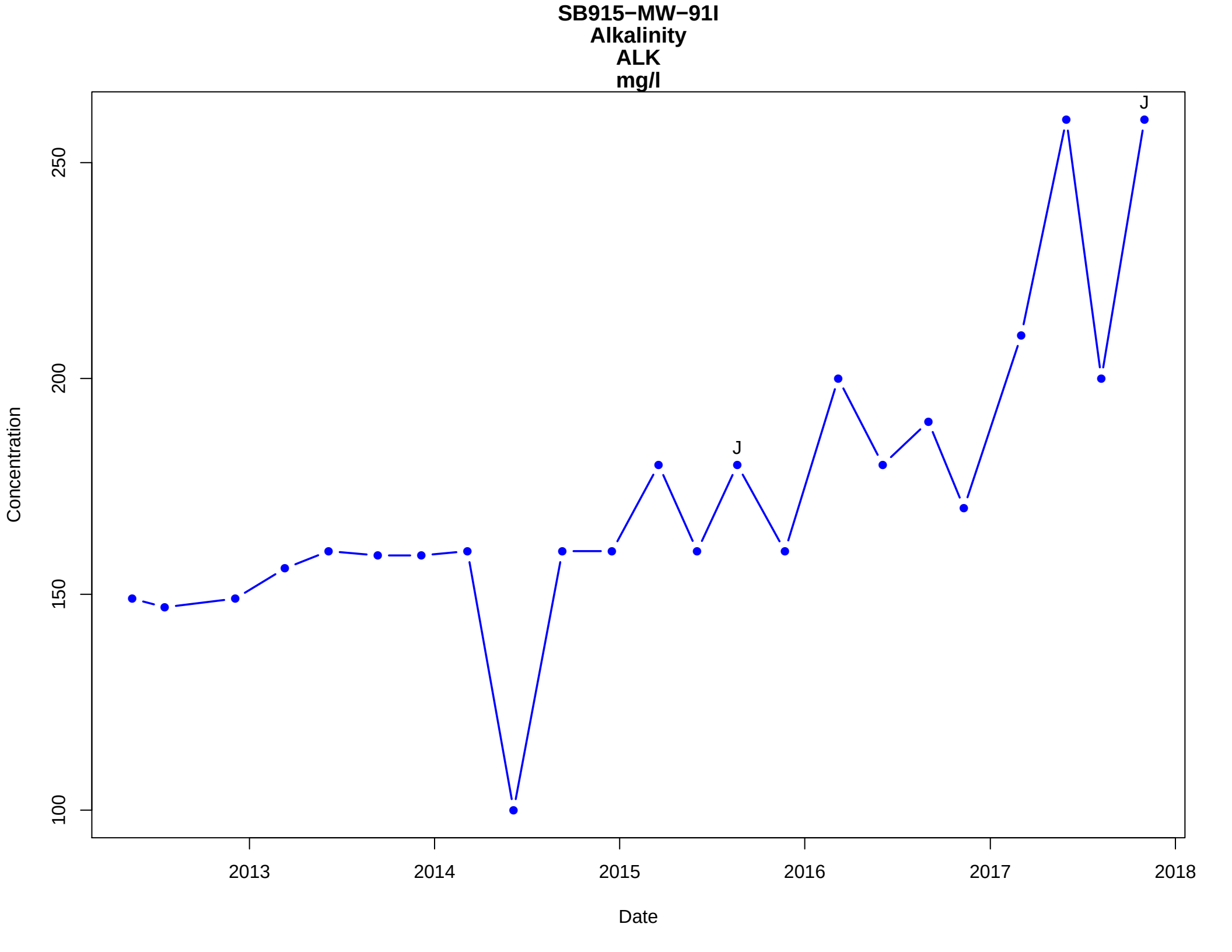

SB915−MW−91I
Iron
7439−89−6
mg/L
Concentration
2
3
4
5
6
J
J
J
2013
2014
2015
2016
2017
2018
Date

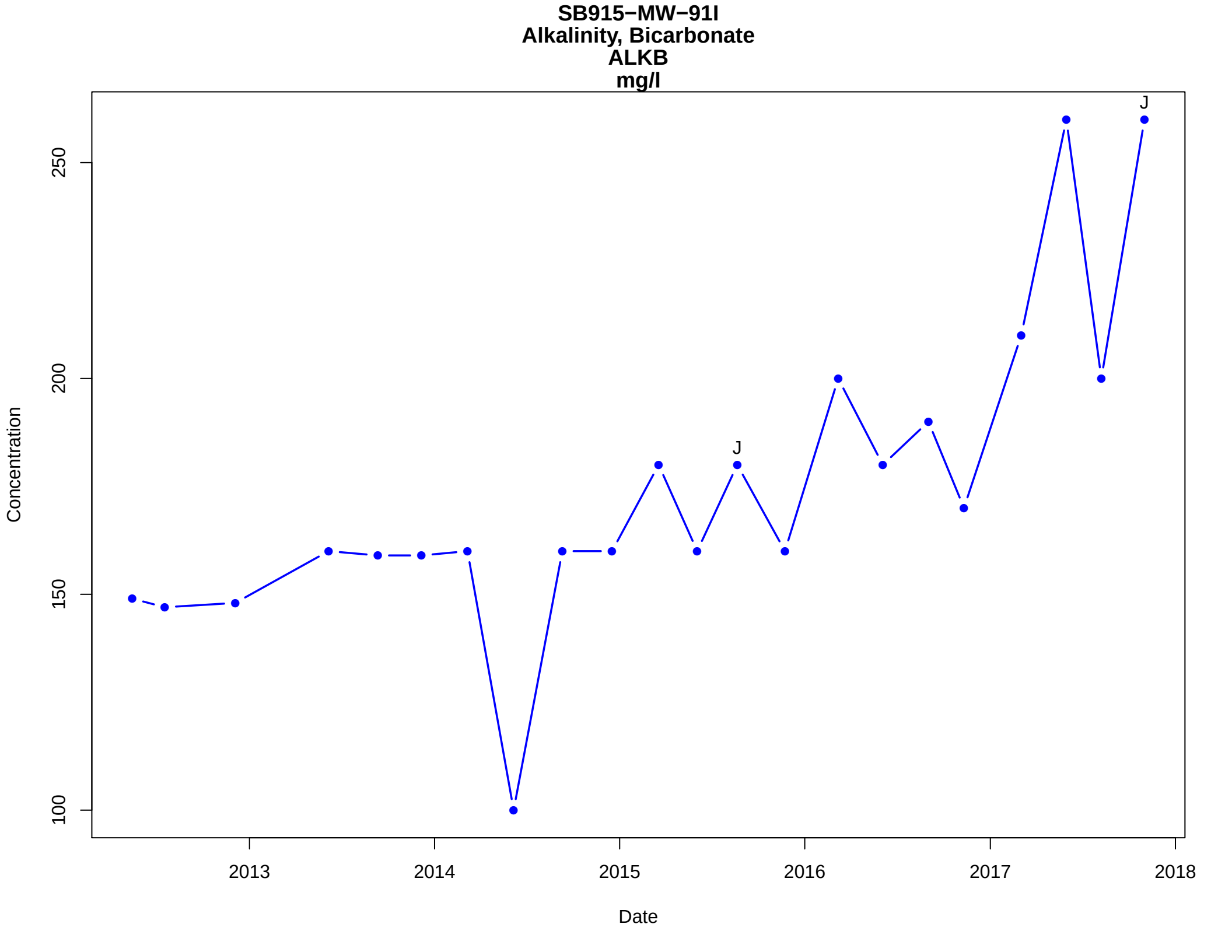

SB915−MW−91I
Nickel
7440−02−0
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
U
J
U
J
U
U
J
U
U
J
J
U
U
U
U
U
U
U
U
U

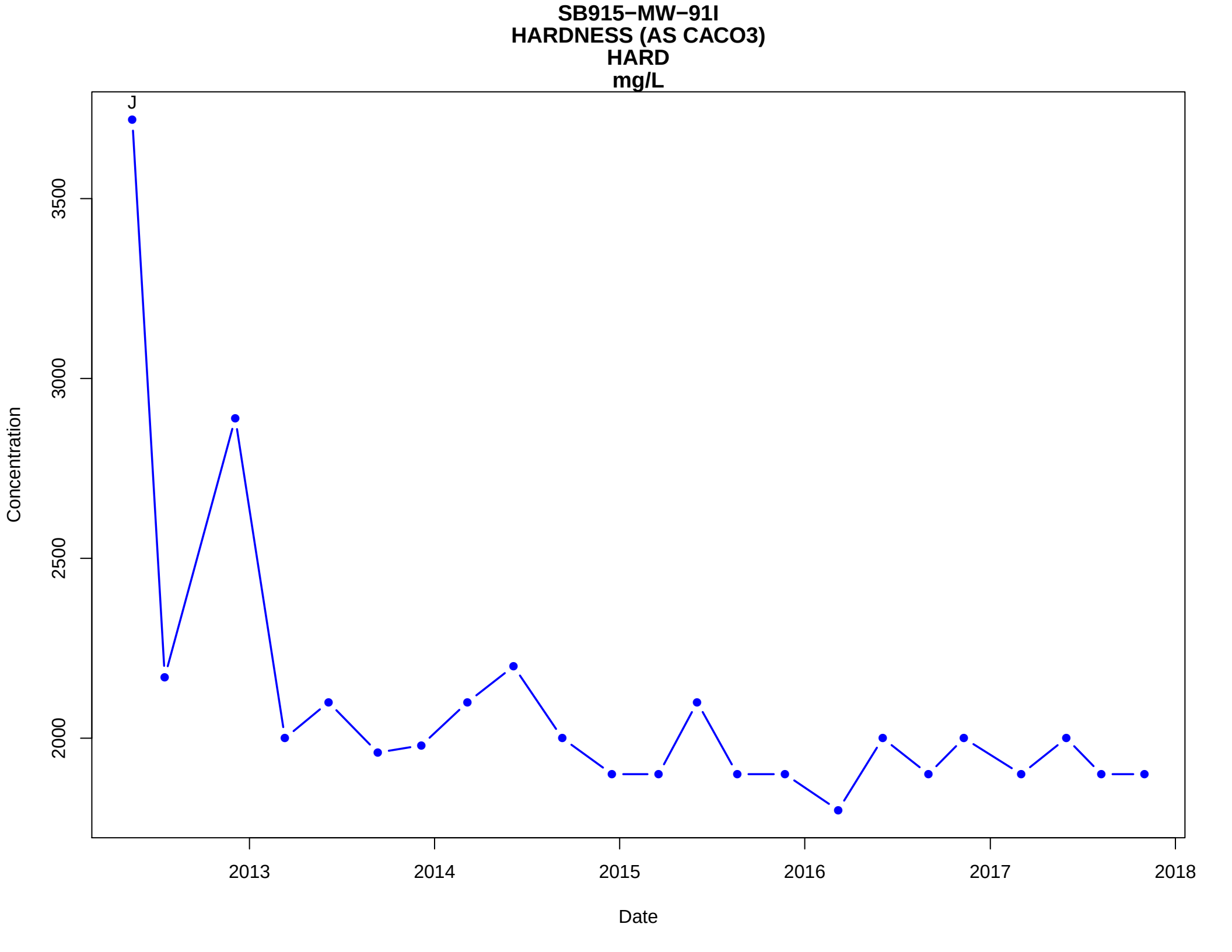

SB915−MW−91I
Potassium
7440−09−7
mg/L
Concentration
Date
18
20
22
24
26
28
30
32
2013
2014
2015
2016
2017
2018
J
J
J
J
U
U
U
U
J
J
J
J
J
J
J
J
J

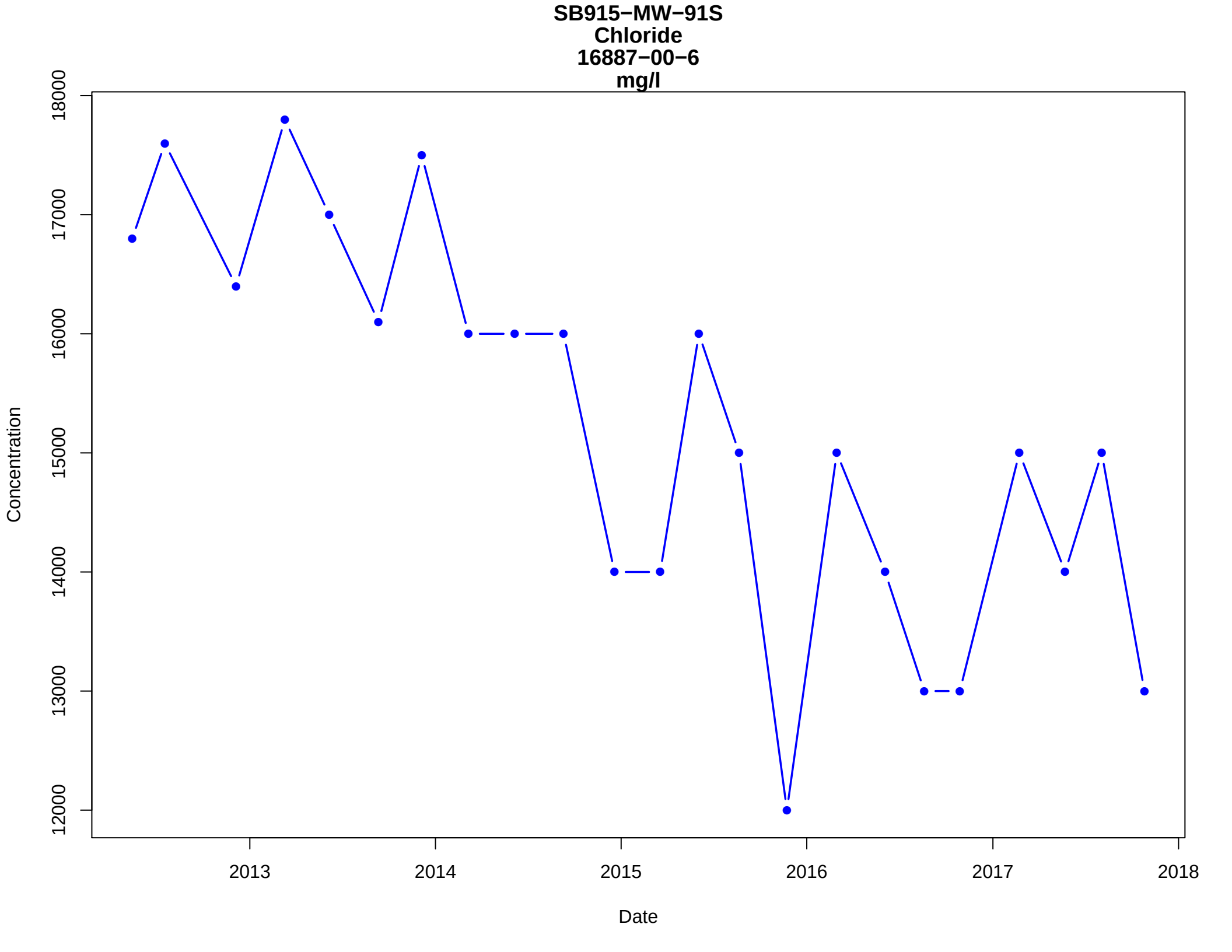

SB915−MW−91I
Calcium
7440−70−2
mg/L
Concentration
850
800
750
700
650
600
550
J
J
2013
2014
2015
2016
2017
2018
Date

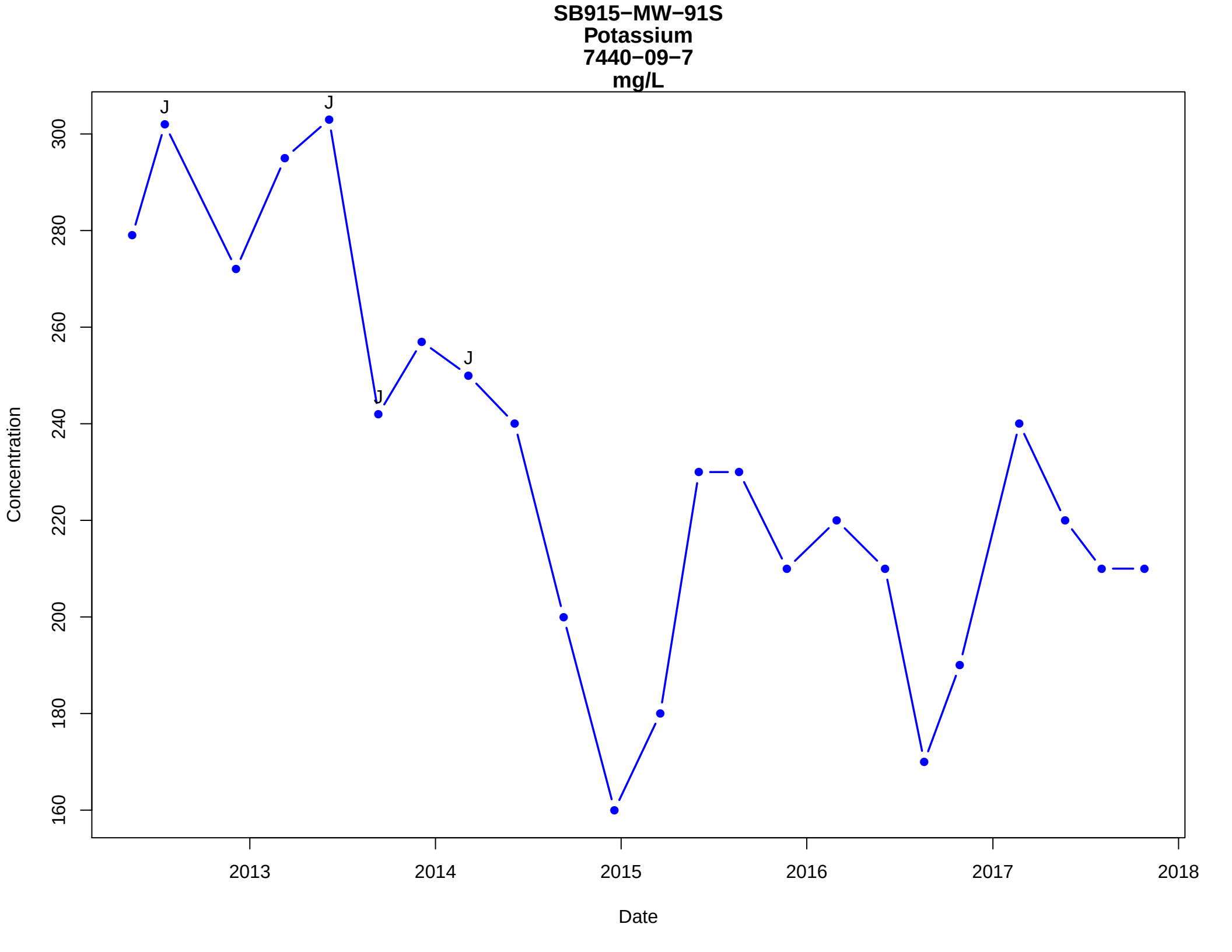

SB915−MW−91I
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
4.0
3.5
3.0
2.5
2013
2014
2015
2016
2017
2018
Date

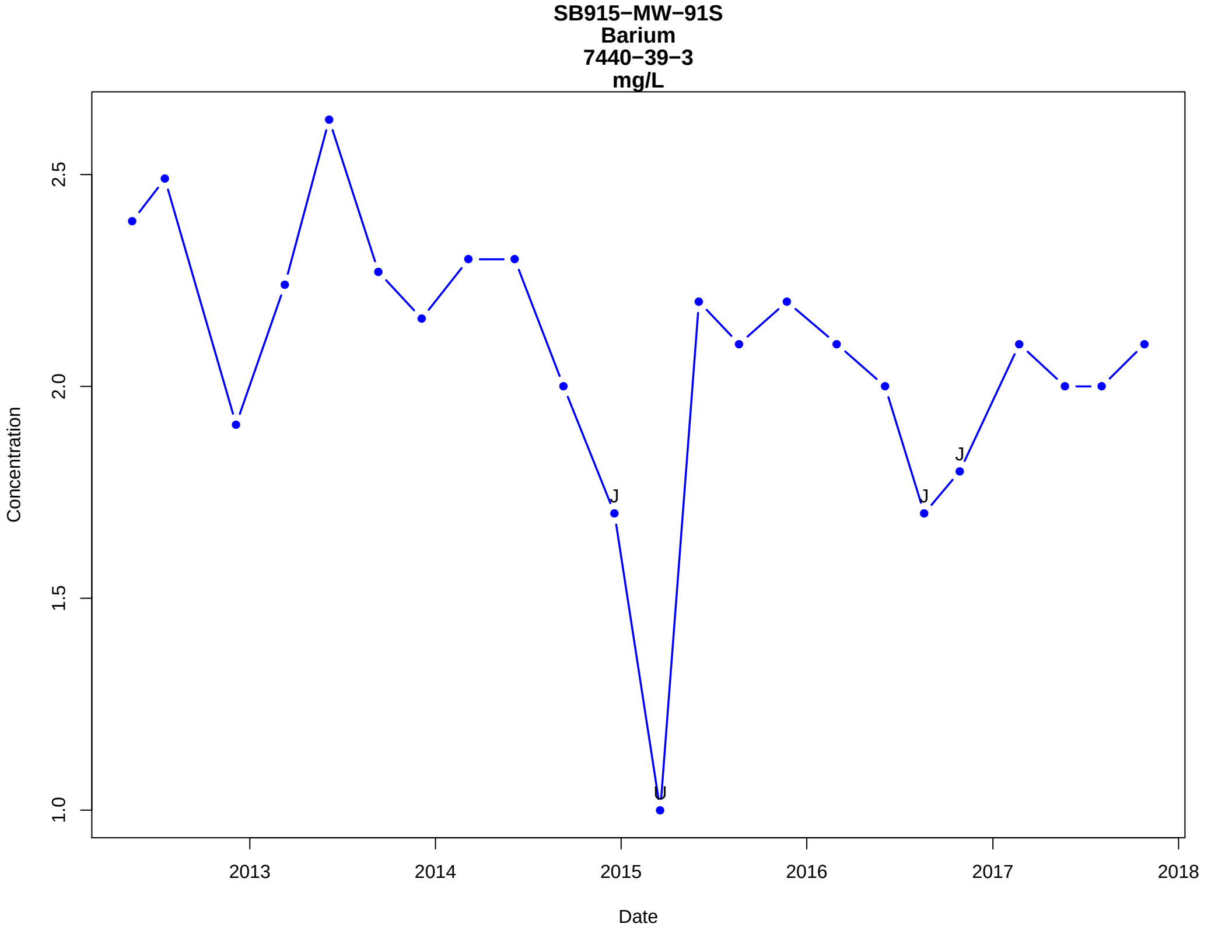

SB915−MW−91I
Alkalinity
ALK
mg/l
Concentration
100
150
200
250
2013
2014
2015
2016
2017
2018
Date
J
J

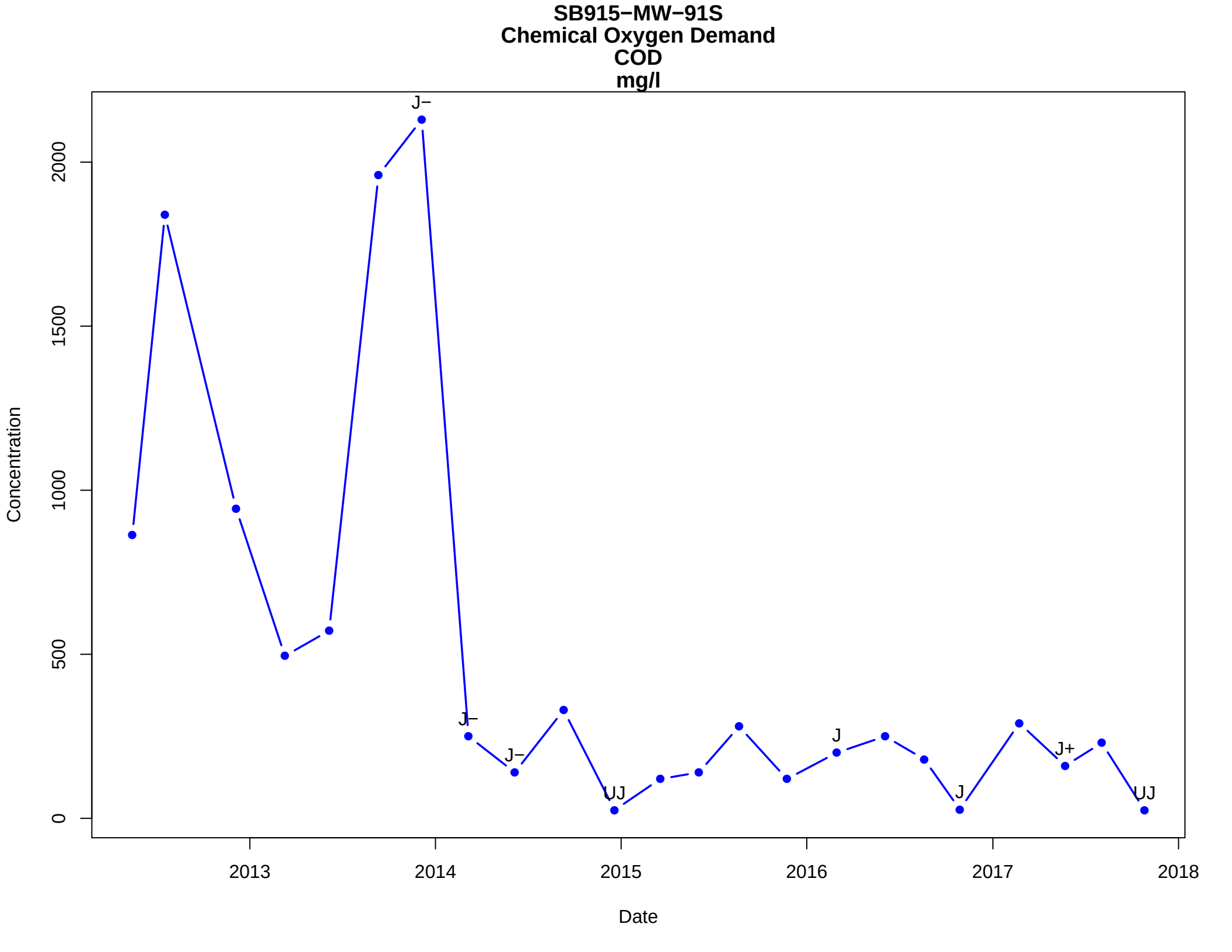

SB915−MW−91I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
100
150
200
250
2013
2014
2015
2016
2017
2018
Date
J
J

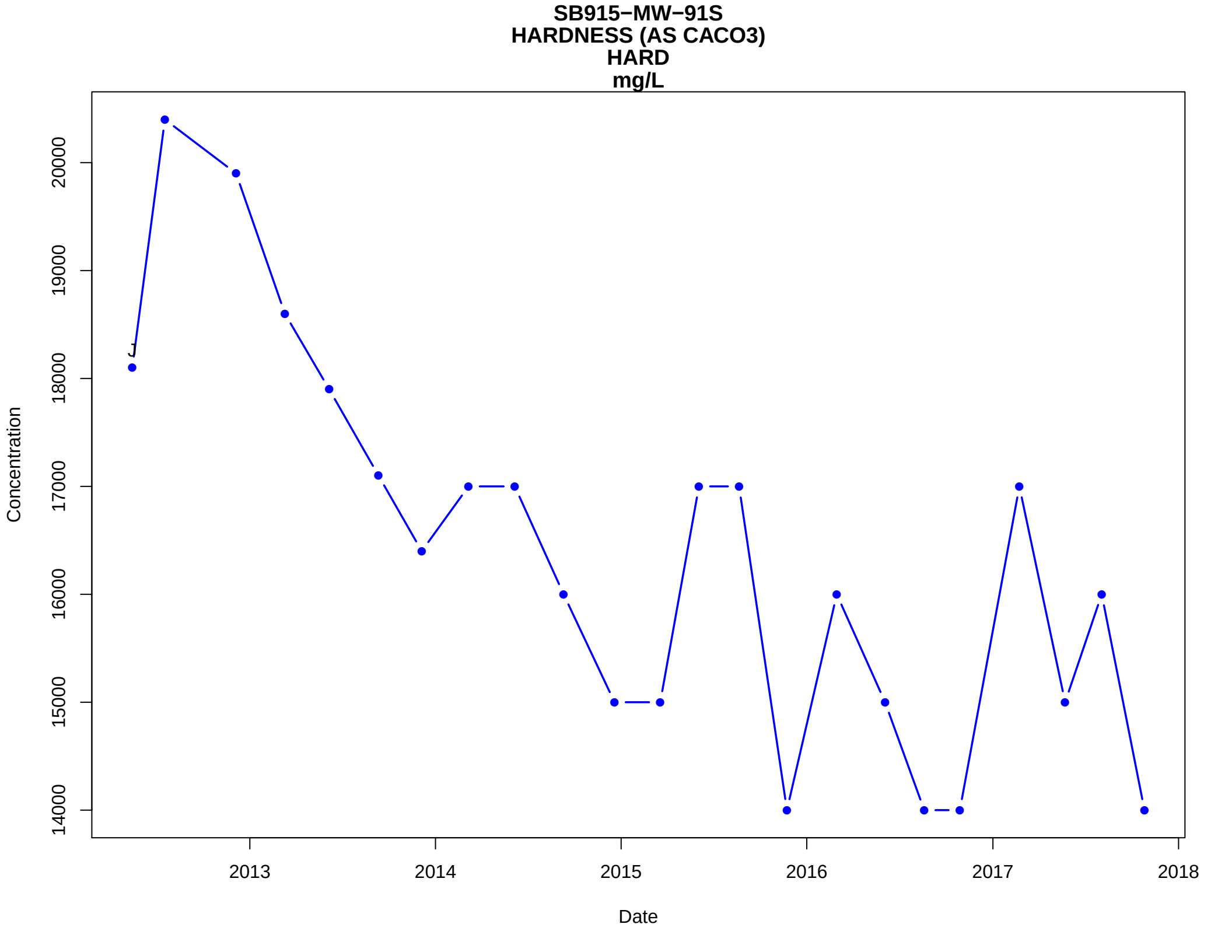

SB915−MW−91I
HARDNESS (AS CACO3)
HARD
mg/L
J
Concentration
3500
3000
2500
2000
2013
2014
2015
2016
2017
2018
Date

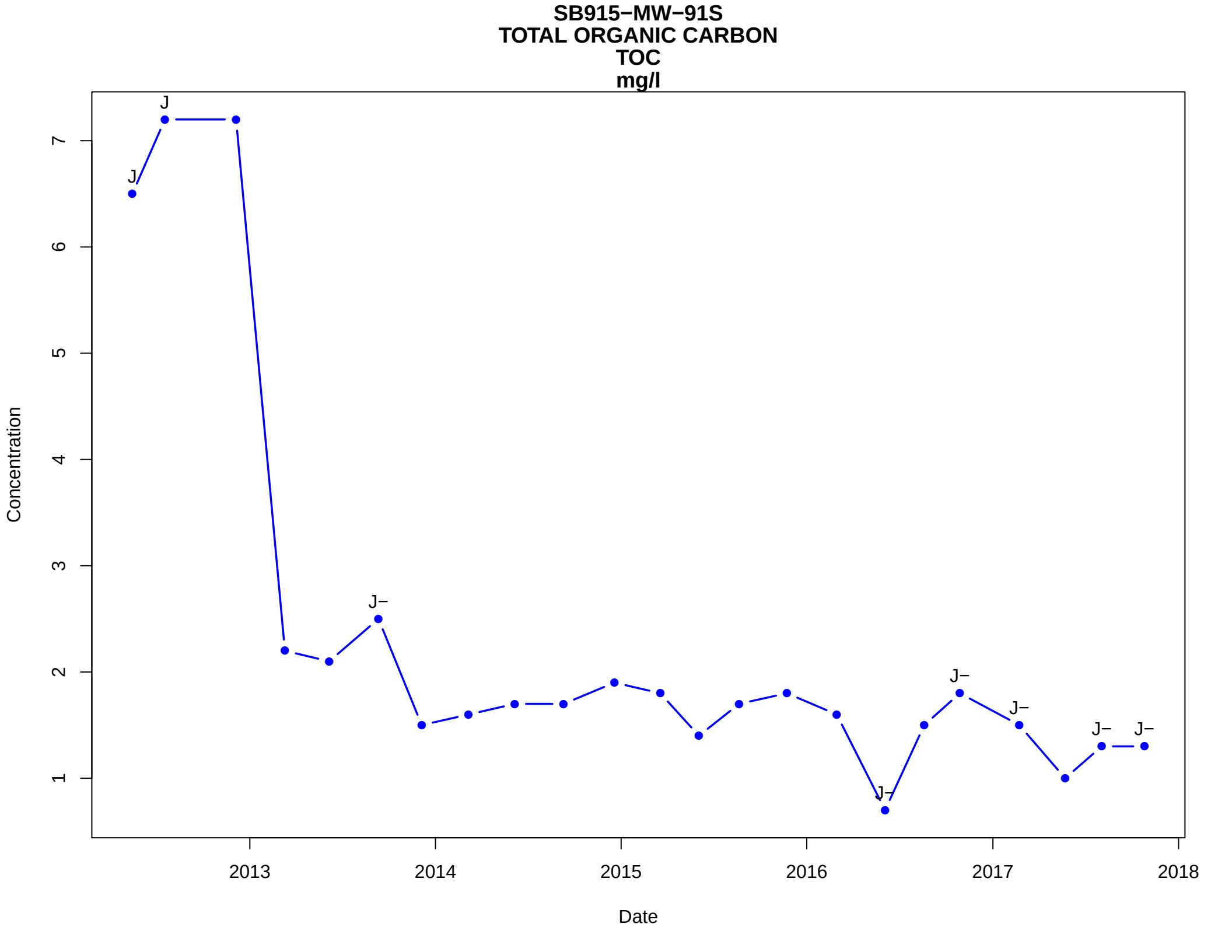

SB915−MW−91S
Chloride
16887−00−6
mg/l
Concentration
18000
17000
16000
15000
14000
13000
12000
2013
2014
2015
2016
2017
2018
Date

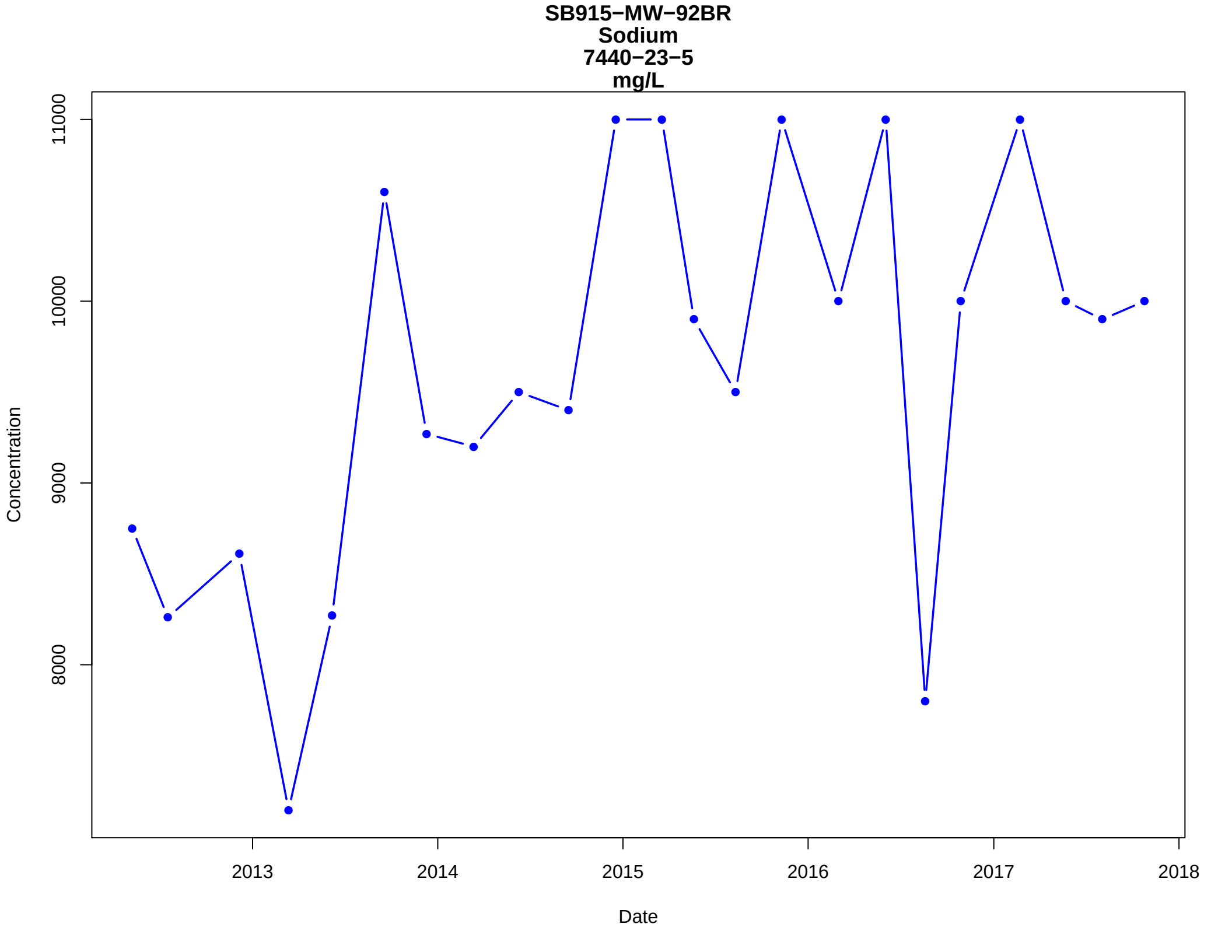

SB915−MW−91S
Potassium
7440−09−7
mg/L
Concentration
Date
160
180
200
220
240
260
280
300
2013
2014
2015
2016
2017
2018
J
J
J
J

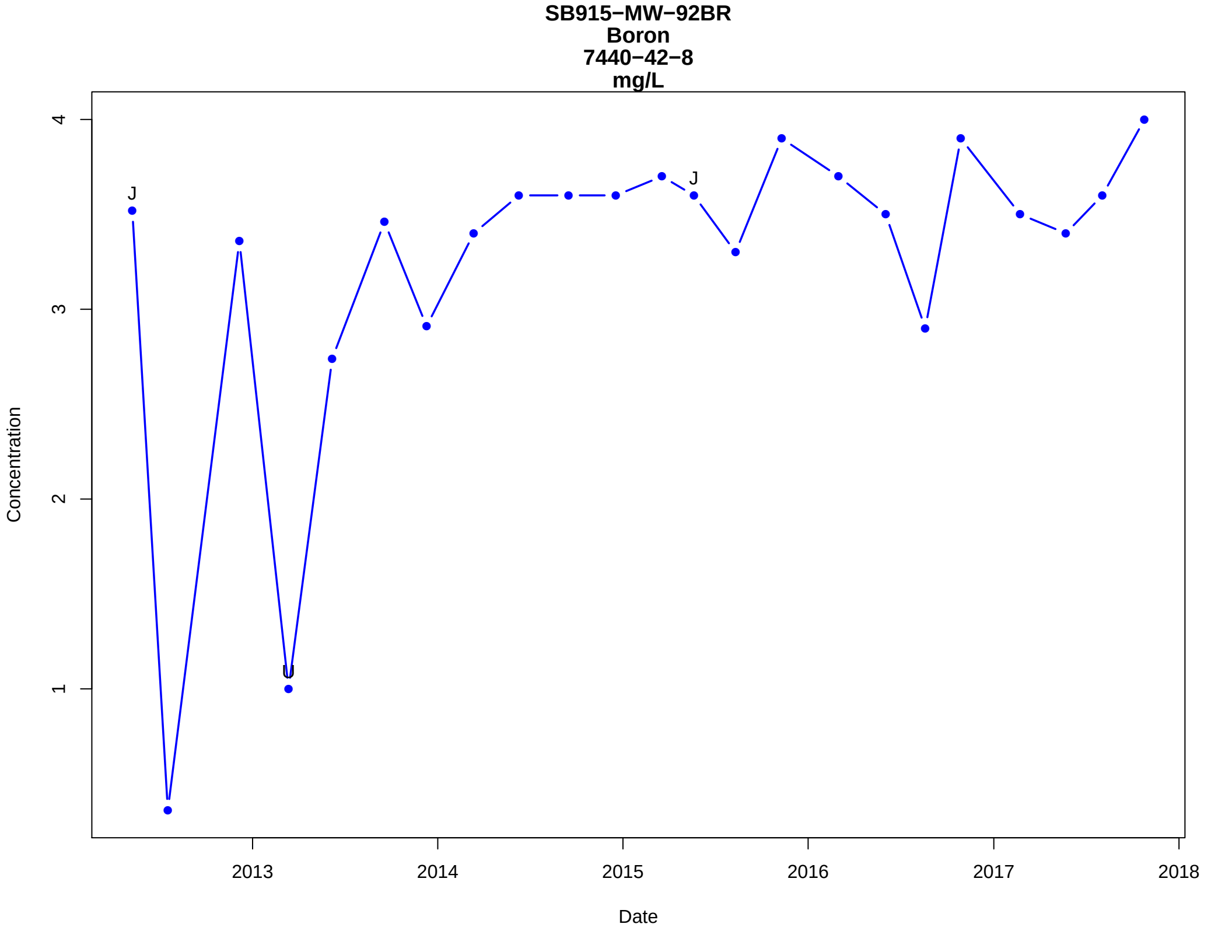

SB915−MW−91S
Barium
7440−39−3
mg/L
Concentration
2.5
2.0
1.5
1.0
J
U
J
J
2013
2014
2015
2016
2017
2018
Date

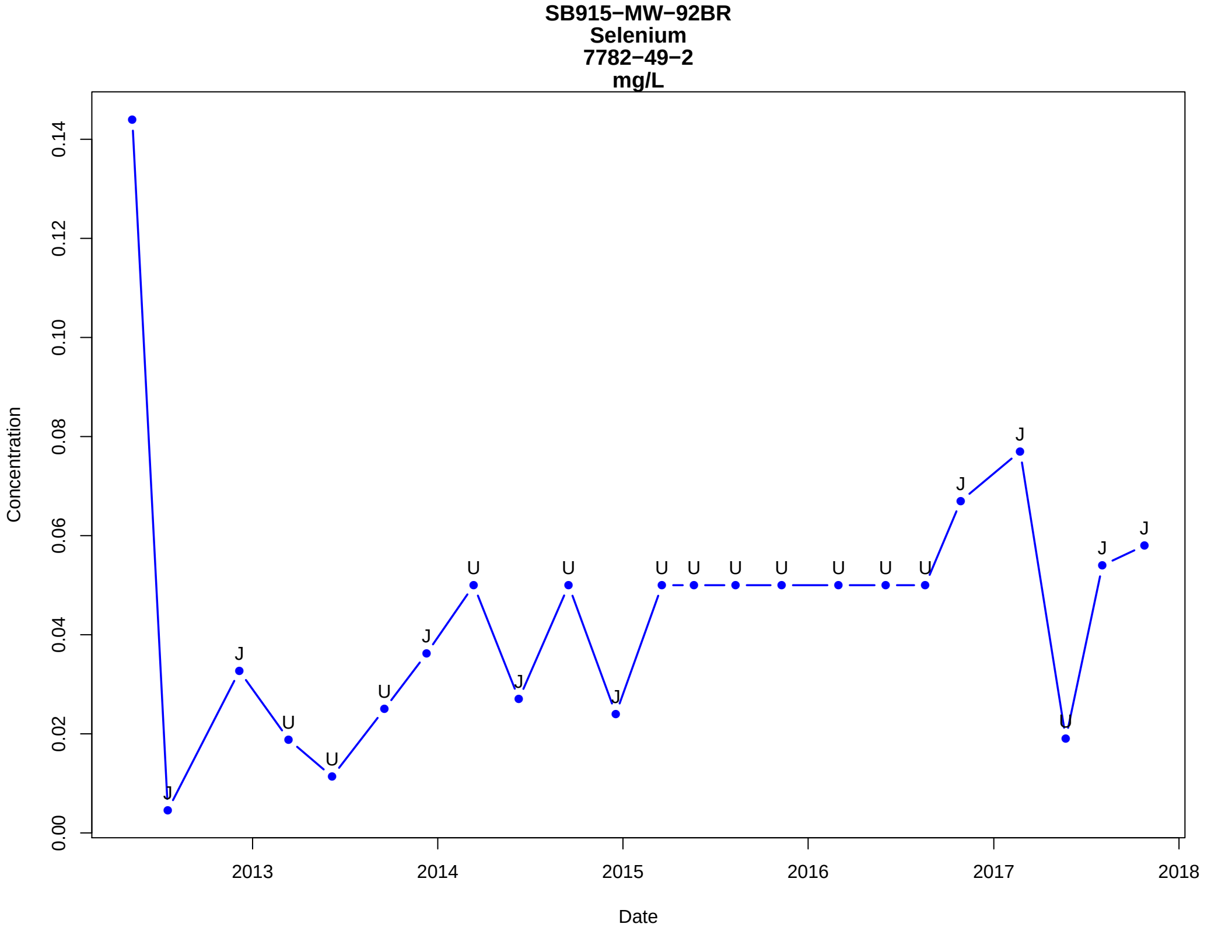

SB915−MW−91S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
J−
J−
J−
UJ
J
J
J+
UJ
2013
2014
2015
2016
2017
2018
Date

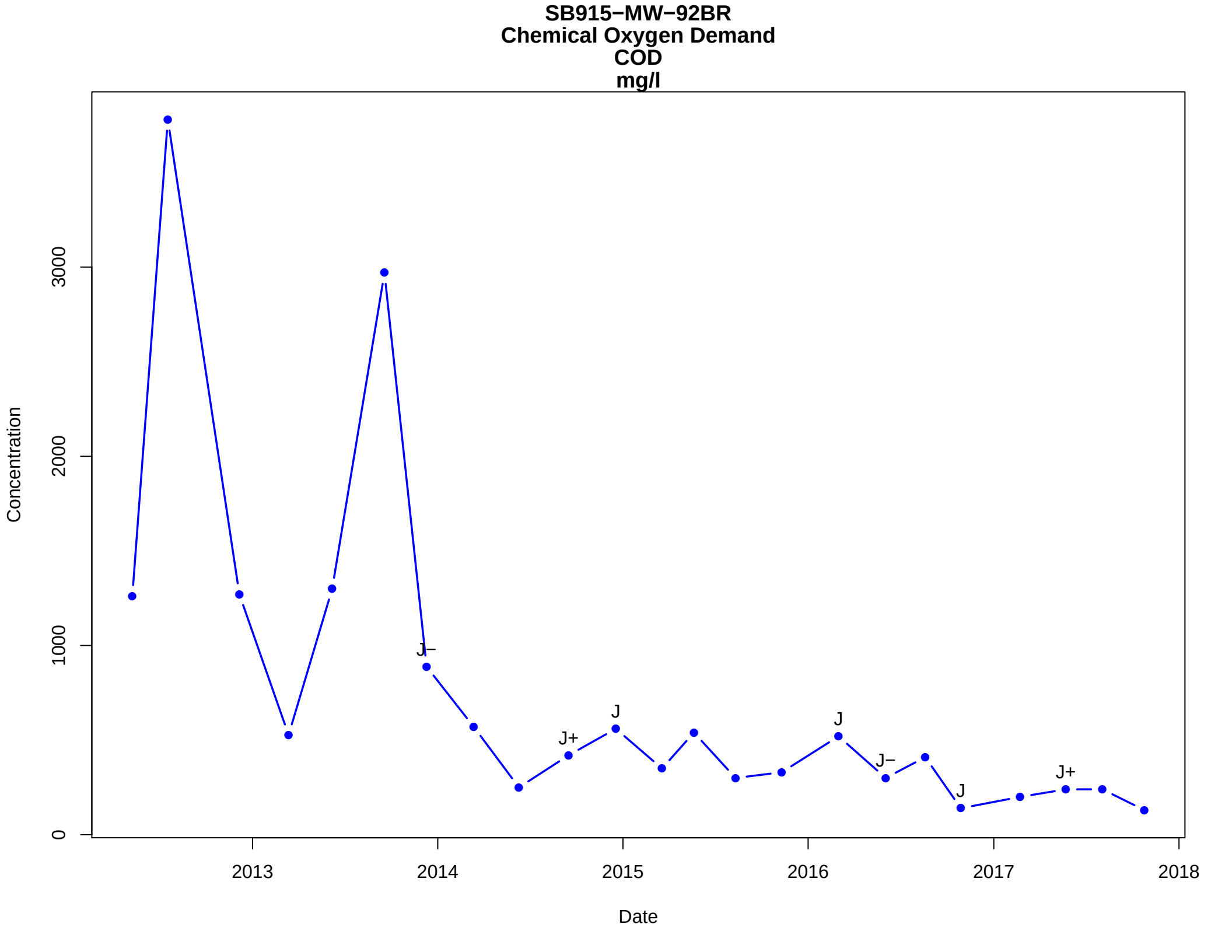

SB915−MW−91S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
20000
19000
18000
17000
16000
15000
14000
2013
2014
2015
2016
2017
2018
Date

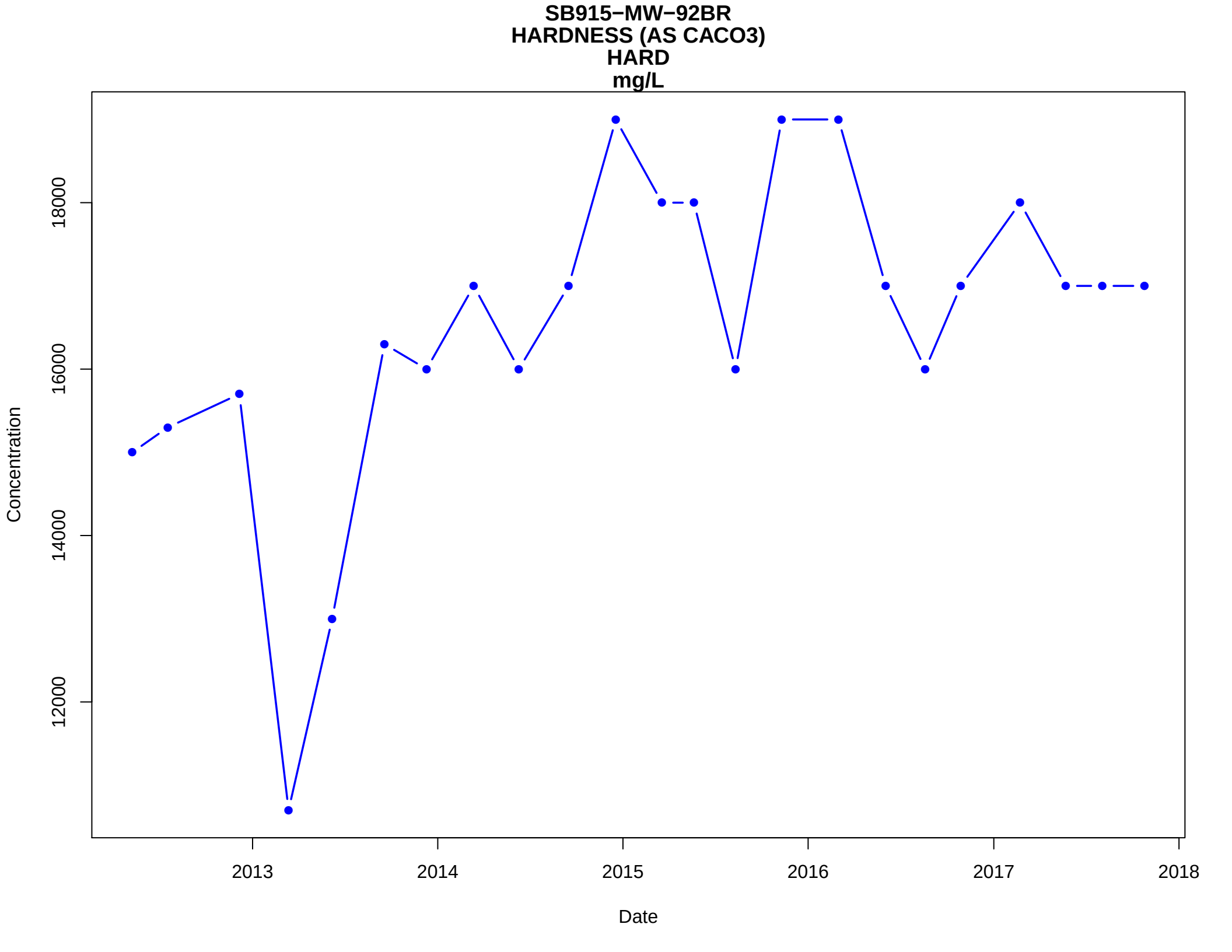

SB915−MW−91S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
1
2
3
4
5
6
7
2013
2014
2015
2016
2017
2018
J
J
J−
J−
J−
J−
J−
J−

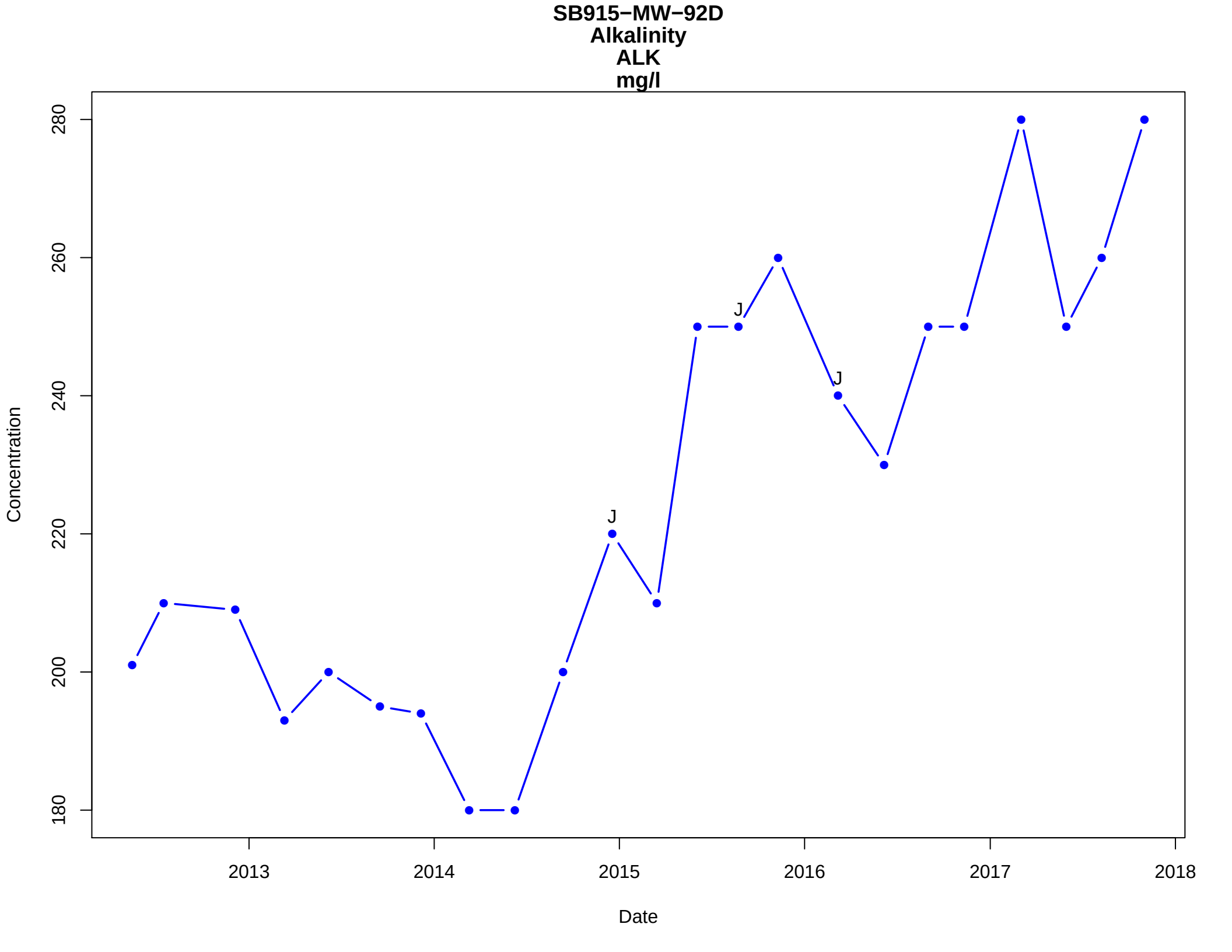

SB915−MW−92BR
Sodium
7440−23−5
mg/L
Concentration
11000
10000
9000
8000
2013
2014
2015
2016
2017
2018
Date

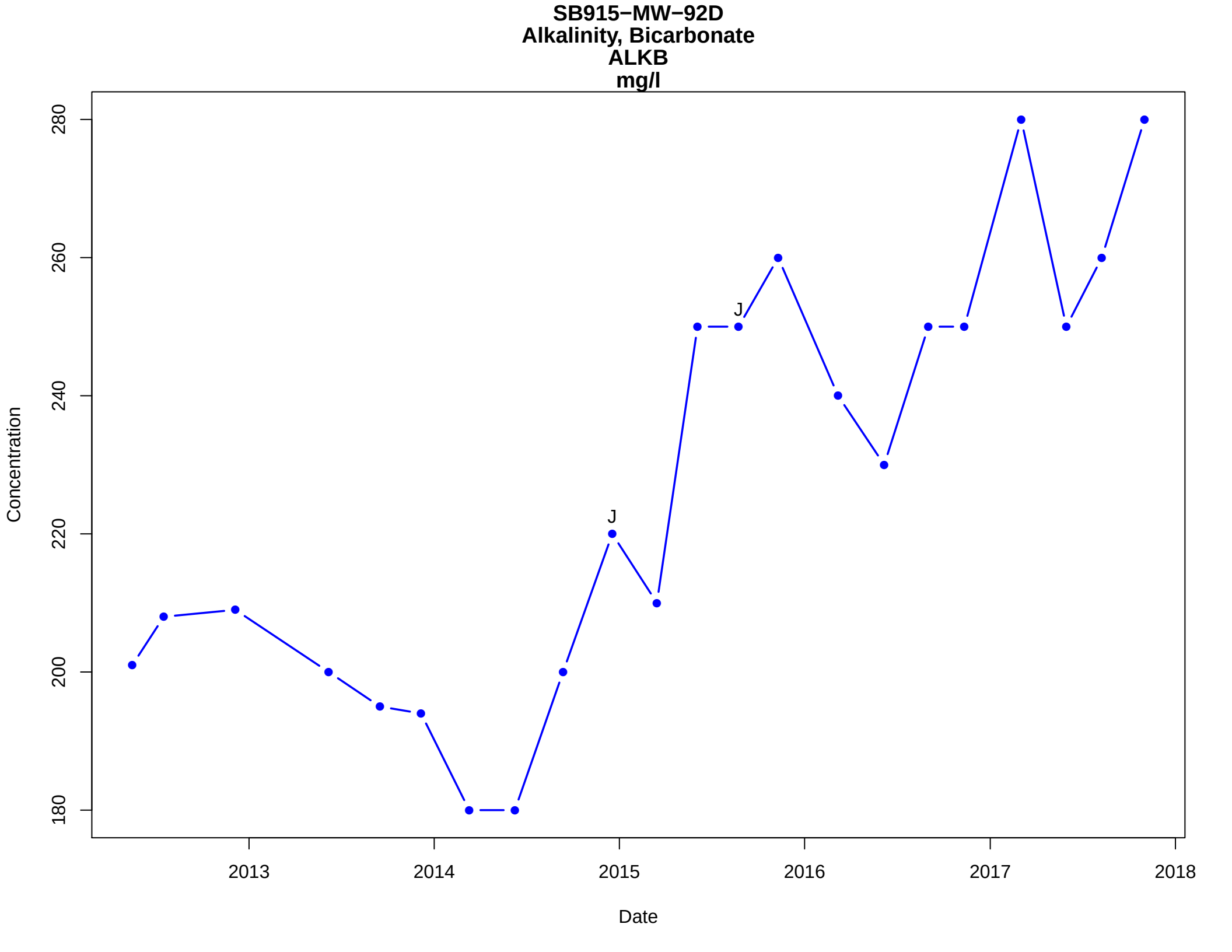

SB915−MW−92BR
Boron
7440−42−8
mg/L
Concentration
1
2
3
4
J
U
J
2013
2014
2015
2016
2017
2018
Date

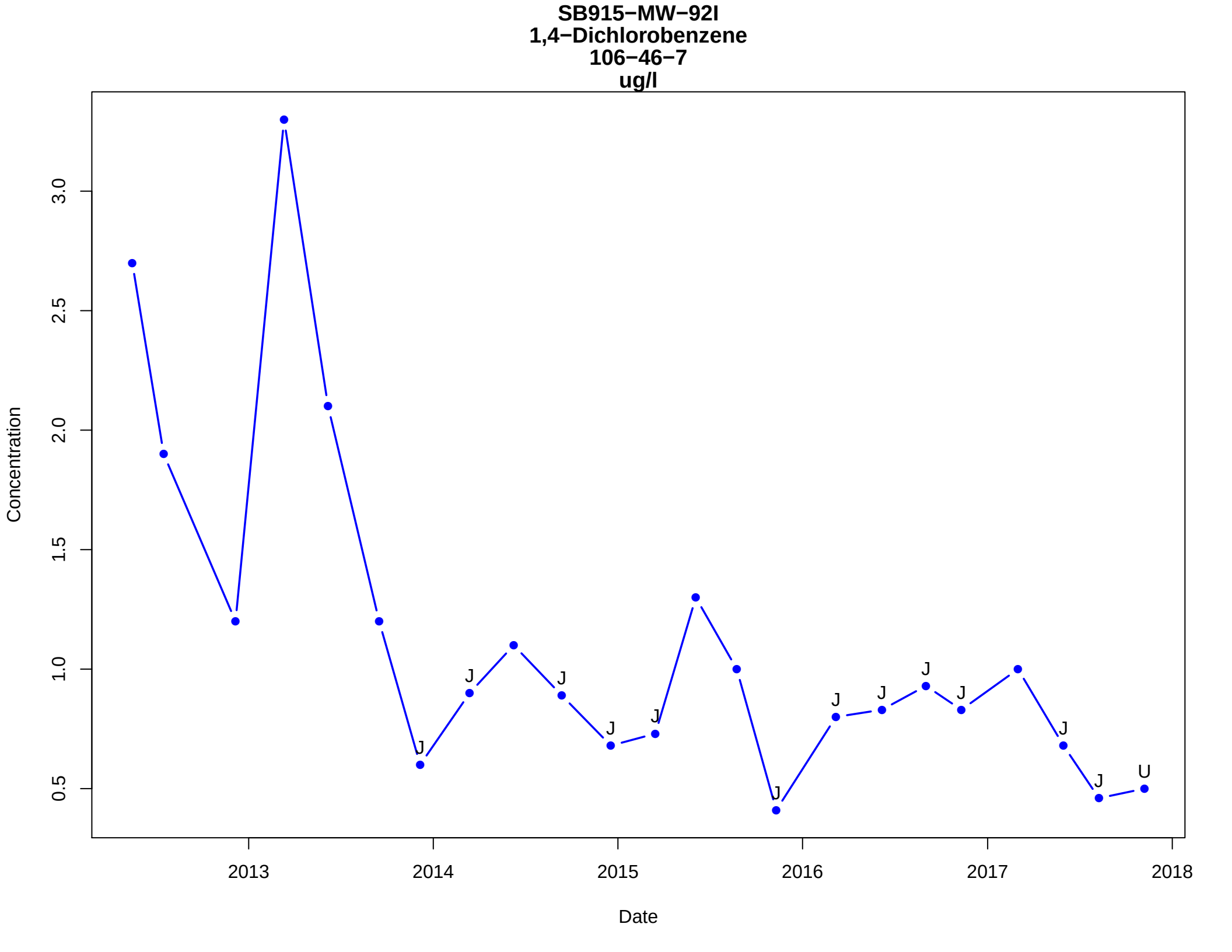

SB915−MW−92BR
Selenium
7782−49−2
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
2013
2014
2015
2016
2017
2018
Date
J
U

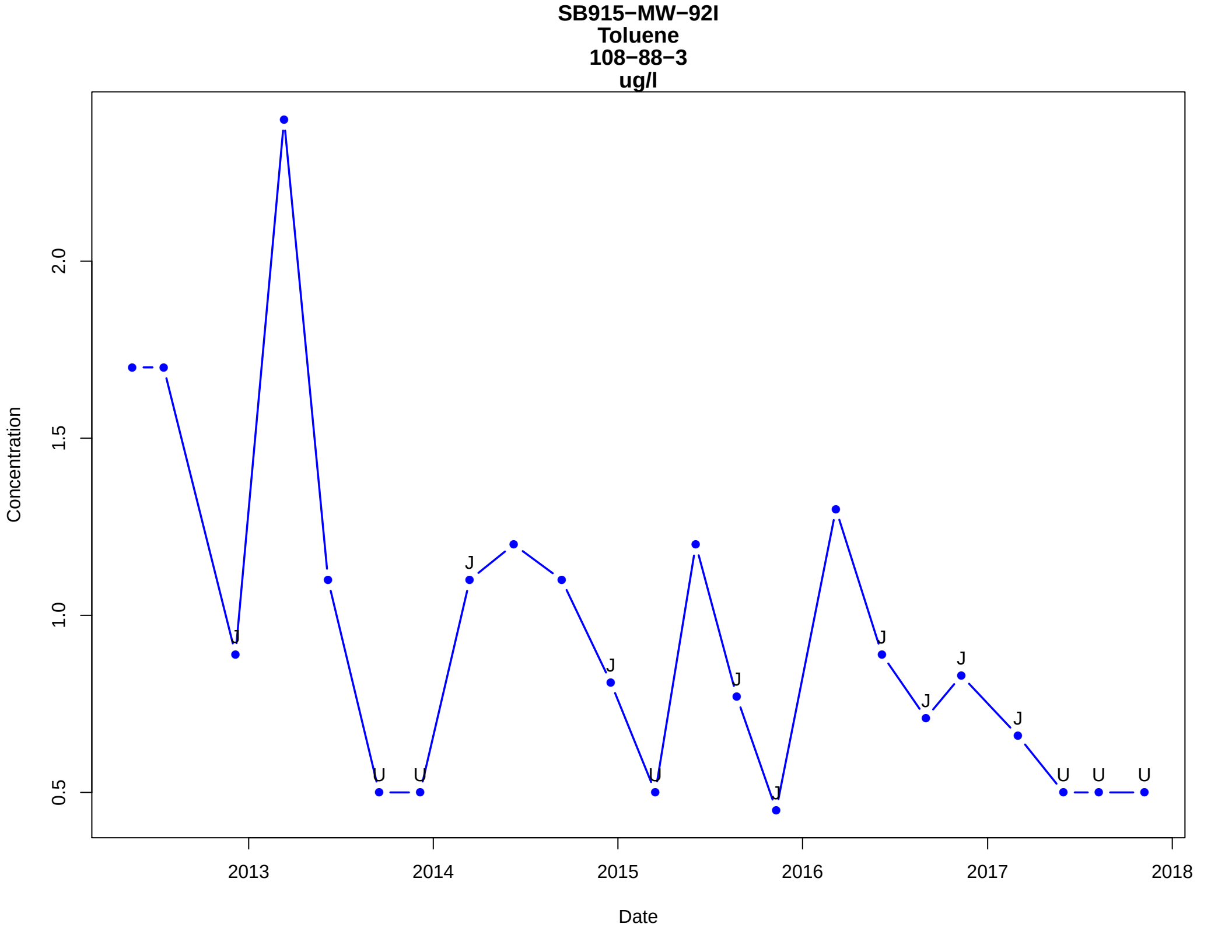

SB915−MW−92BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
J−
J+
J
J
J−
J
J+
2013
2014
2015
2016
2017
2018
Date

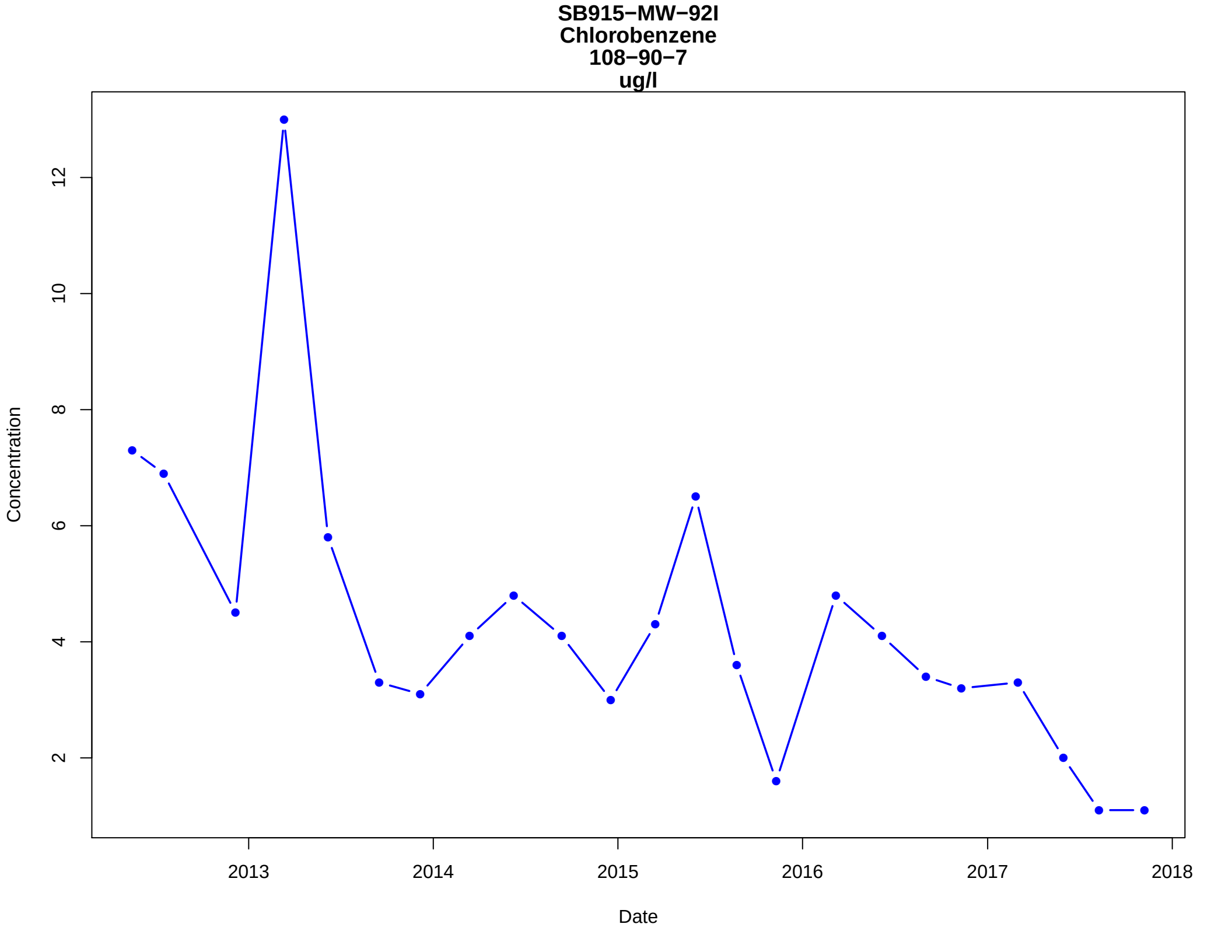

SB915−MW−92BR
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
12000
14000
16000
18000
2013
2014
2015
2016
2017
2018
Date

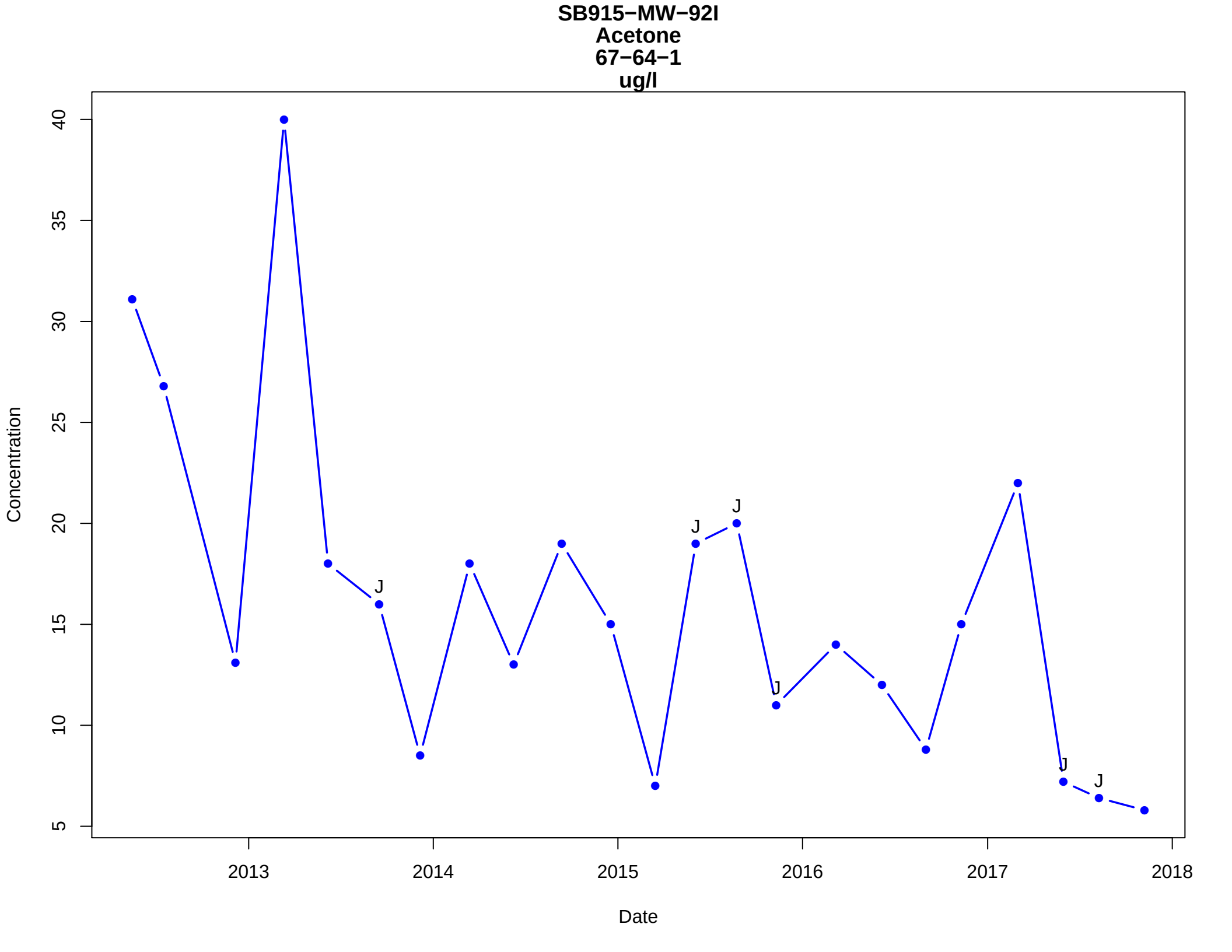

SB915−MW−92D
Alkalinity
ALK
mg/l
Concentration
180
200
220
240
260
280
J
J
J
2013
2014
2015
2016
2017
2018
Date

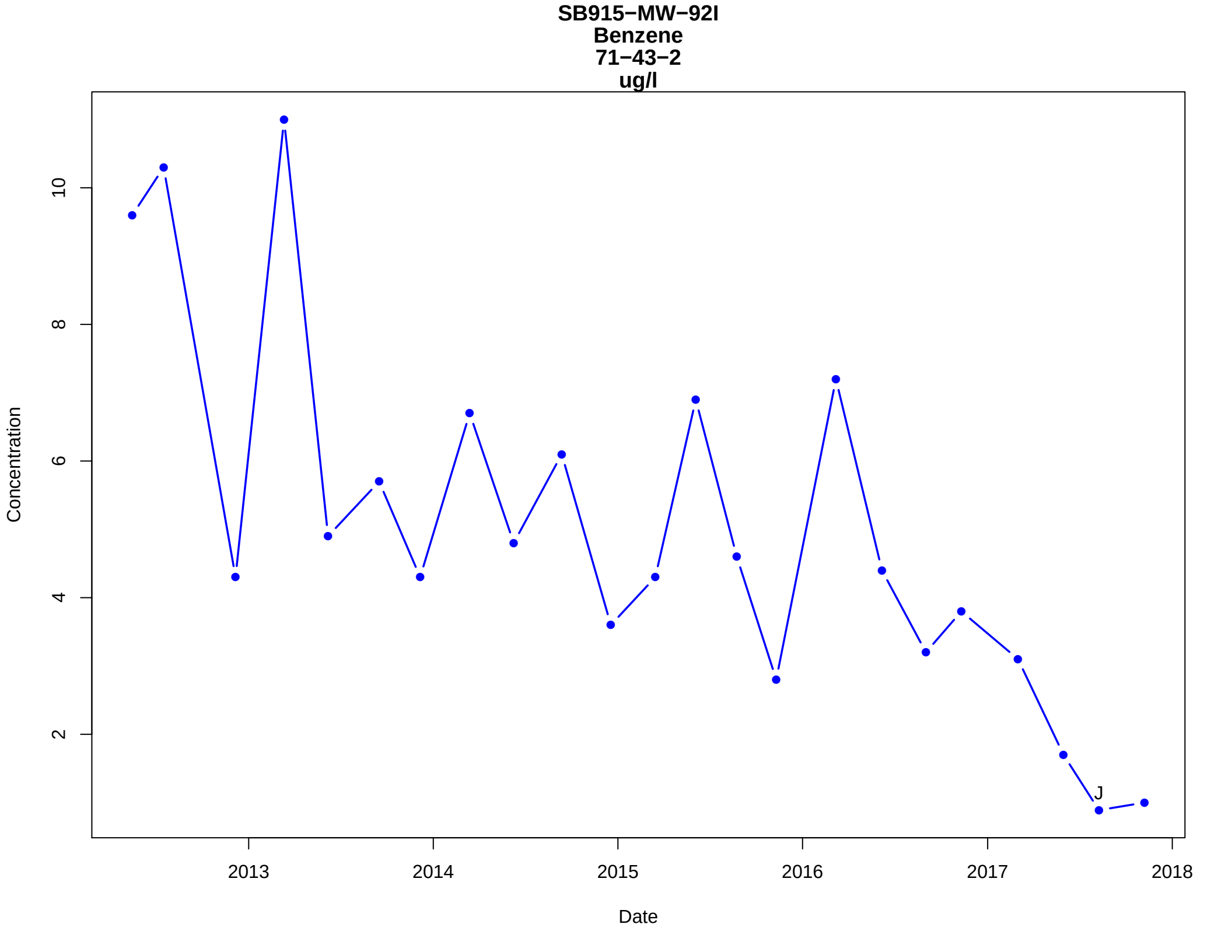

SB915−MW−92D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
180
200
220
240
260
280
J
J
2013
2014
2015
2016
2017
2018
Date

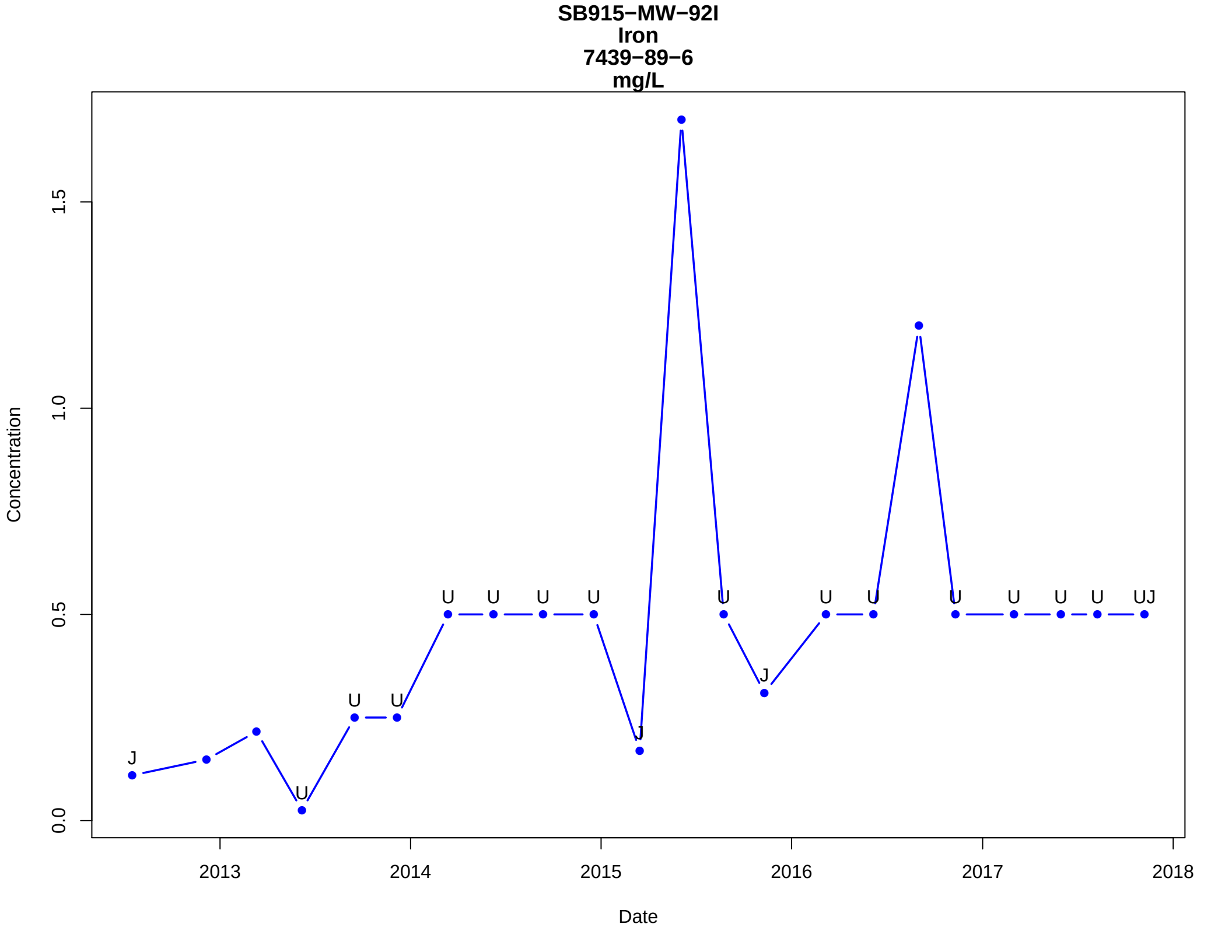

SB915−MW−92I
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
0.5
1.0
1.5
2.0
2.5
3.0
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J
J
J
J
J
J
U

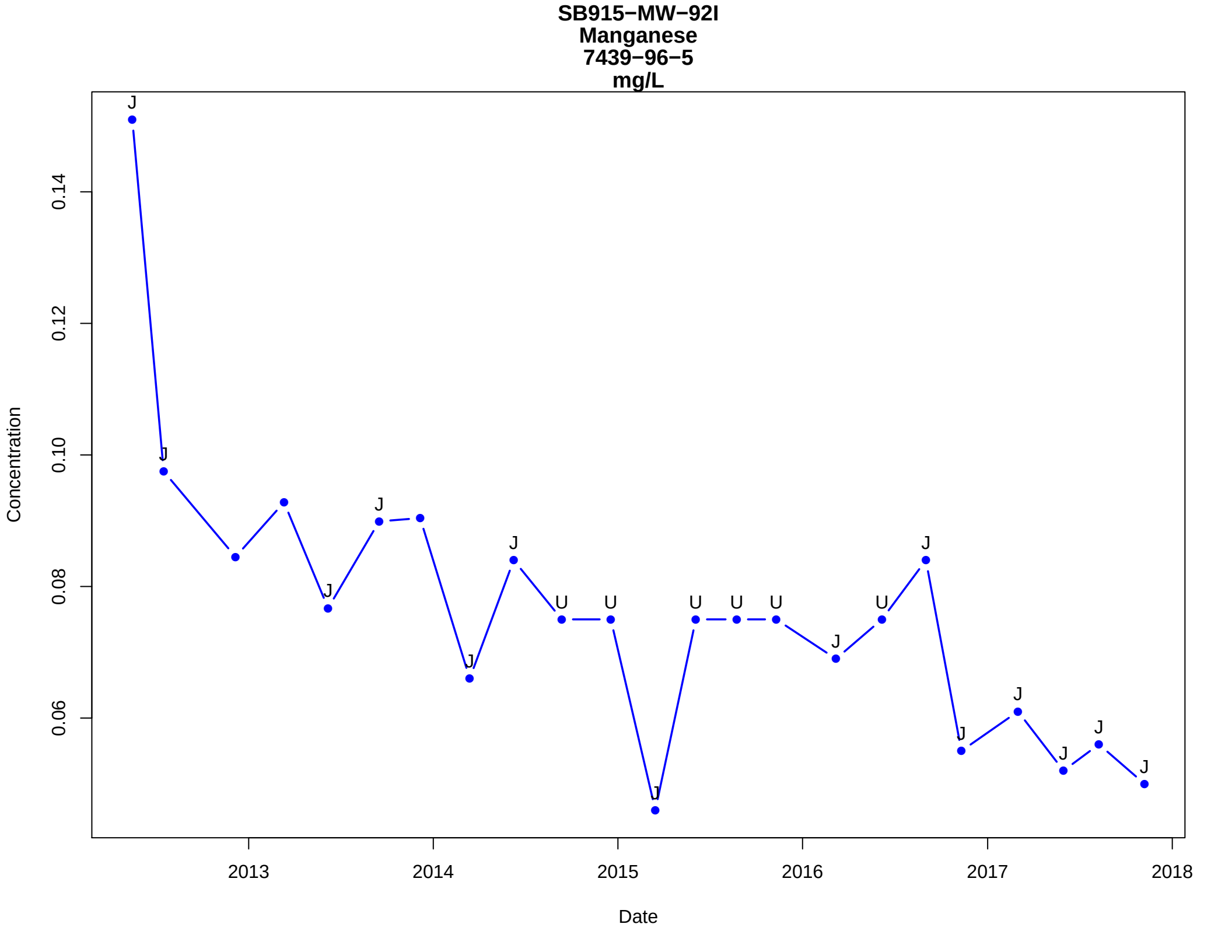

SB915−MW−92I
Toluene
108−88−3
ug/l
Concentration
0.5
1.0
1.5
2.0
J
J
U
U
J
J
J
U
J
J
J
J
J
U
U
U
2013
2014
2015
2016
2017
2018
Date

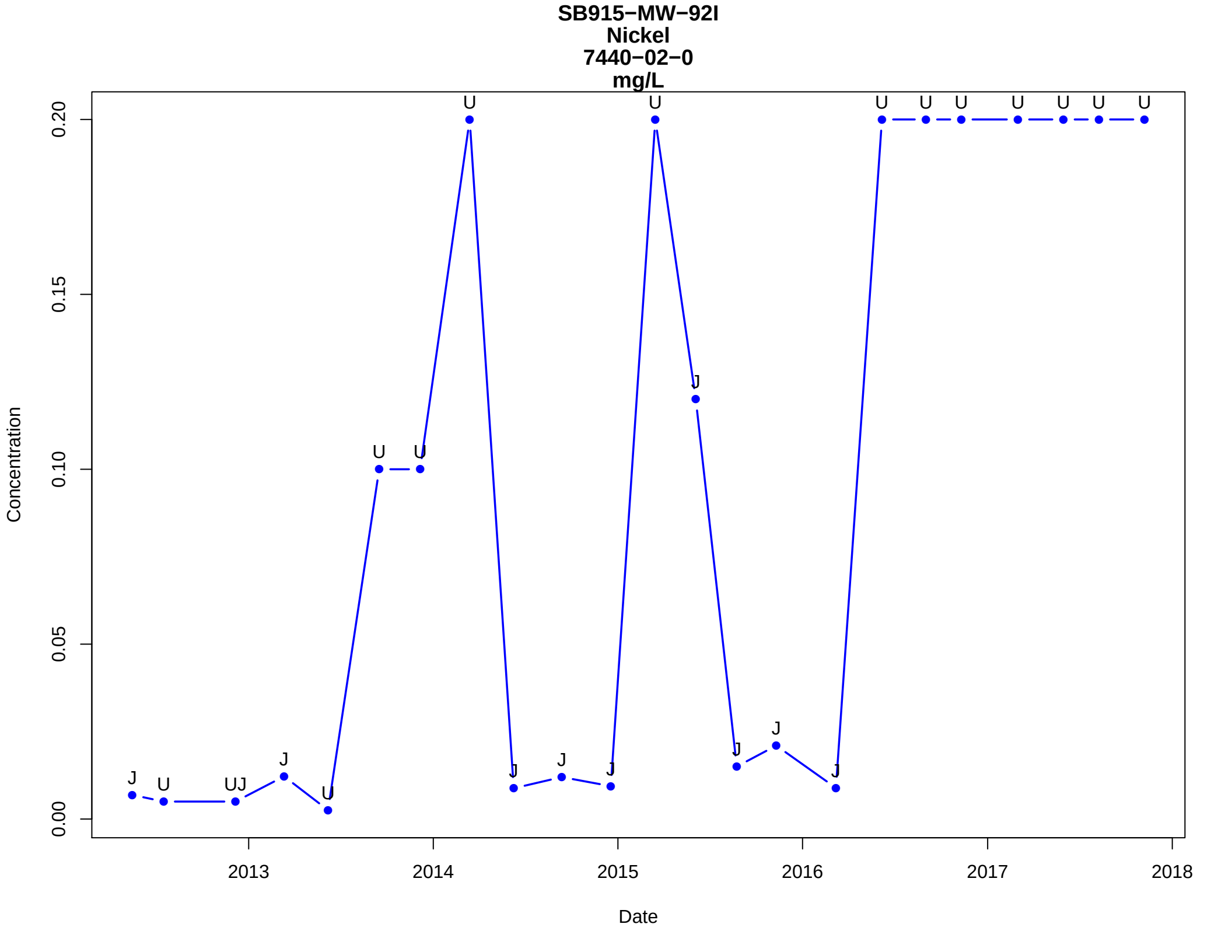

SB915−MW−92I
Chlorobenzene
108−90−7
ug/l
Concentration
2
4
6
8
10
12
2013
2014
2015
2016
2017
2018
Date

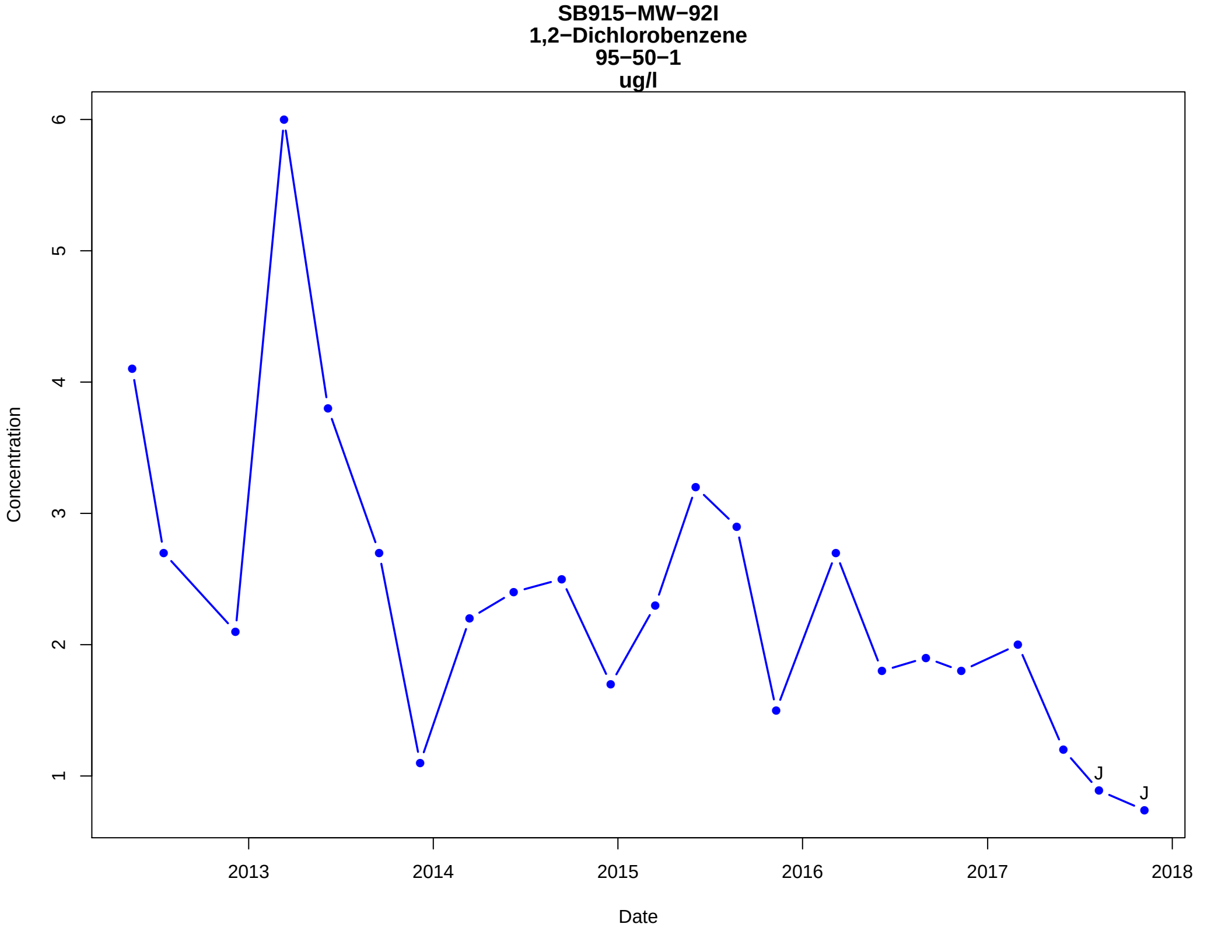

SB915−MW−92I
Acetone
67−64−1
ug/l
Concentration
Date
5
10
15
20
25
30
35
40
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J

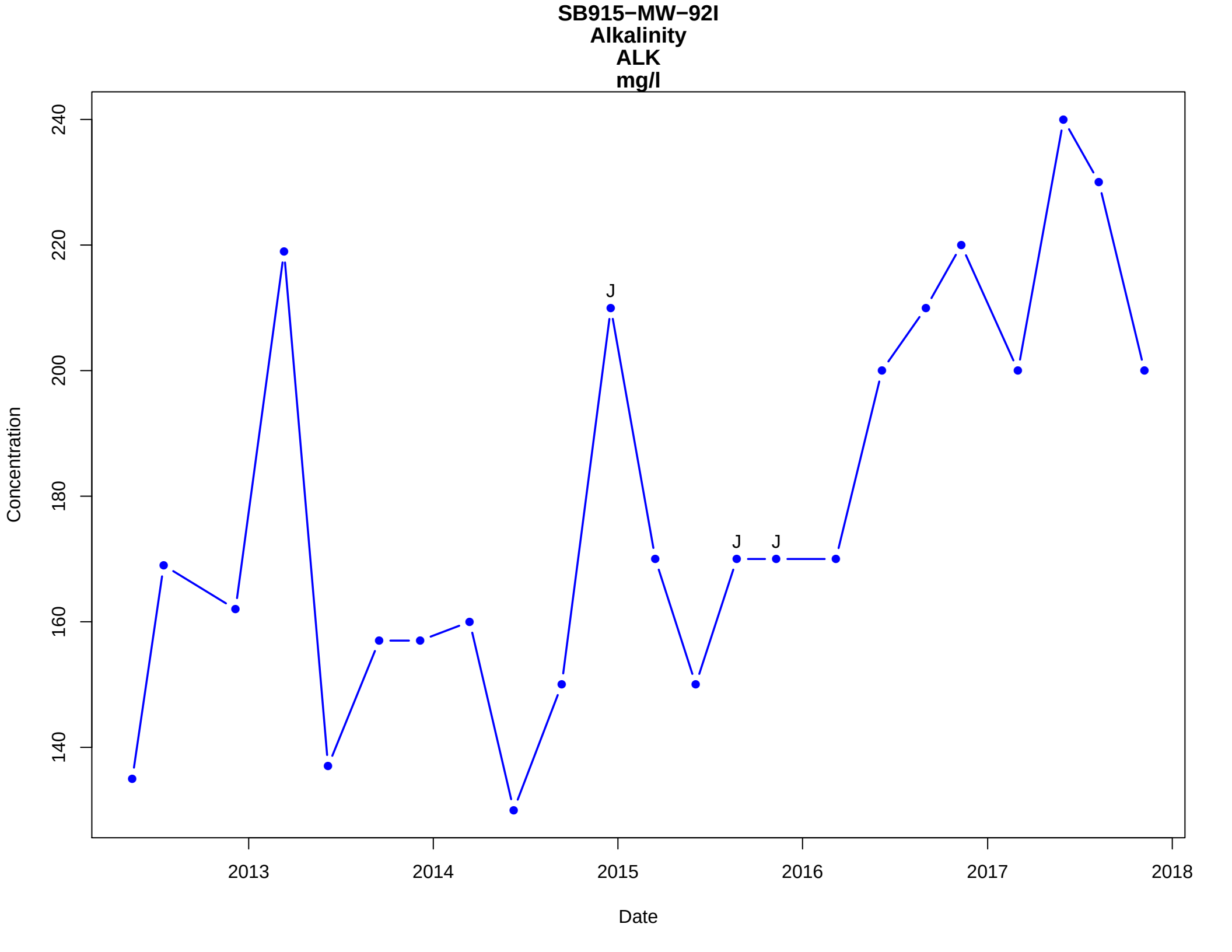

SB915−MW−92I
Benzene
71−43−2
ug/l
Concentration
2
4
6
8
10
2013
2014
2015
2016
2017
2018
Date
J

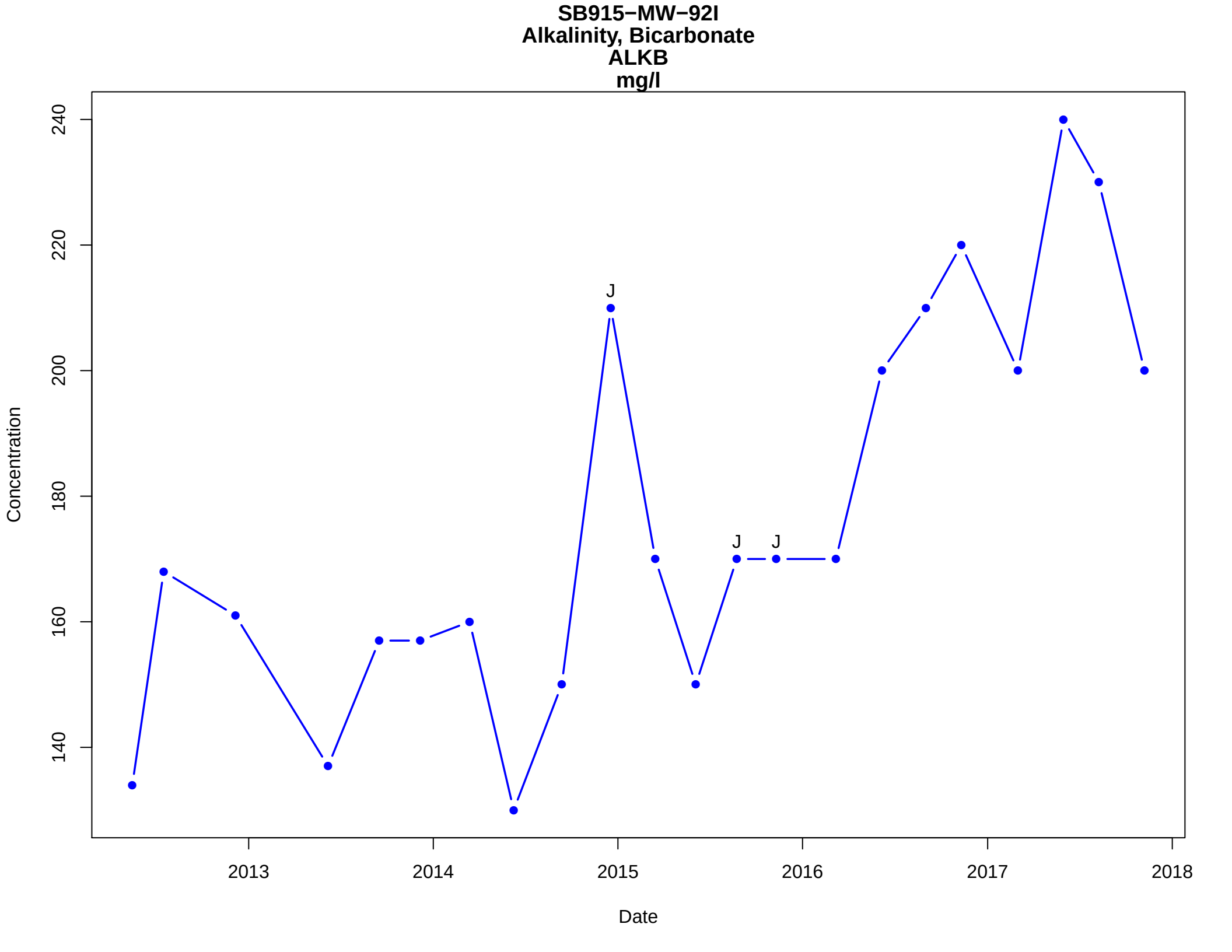

SB915−MW−92I
Iron
7439−89−6
mg/L
Concentration
0.0
0.5
1.0
1.5
2013
2014
2015
2016
2017
2018
Date
J
U
U
U
U
U
U
U
U
J
U
U
U
U
U
U
U
UJ

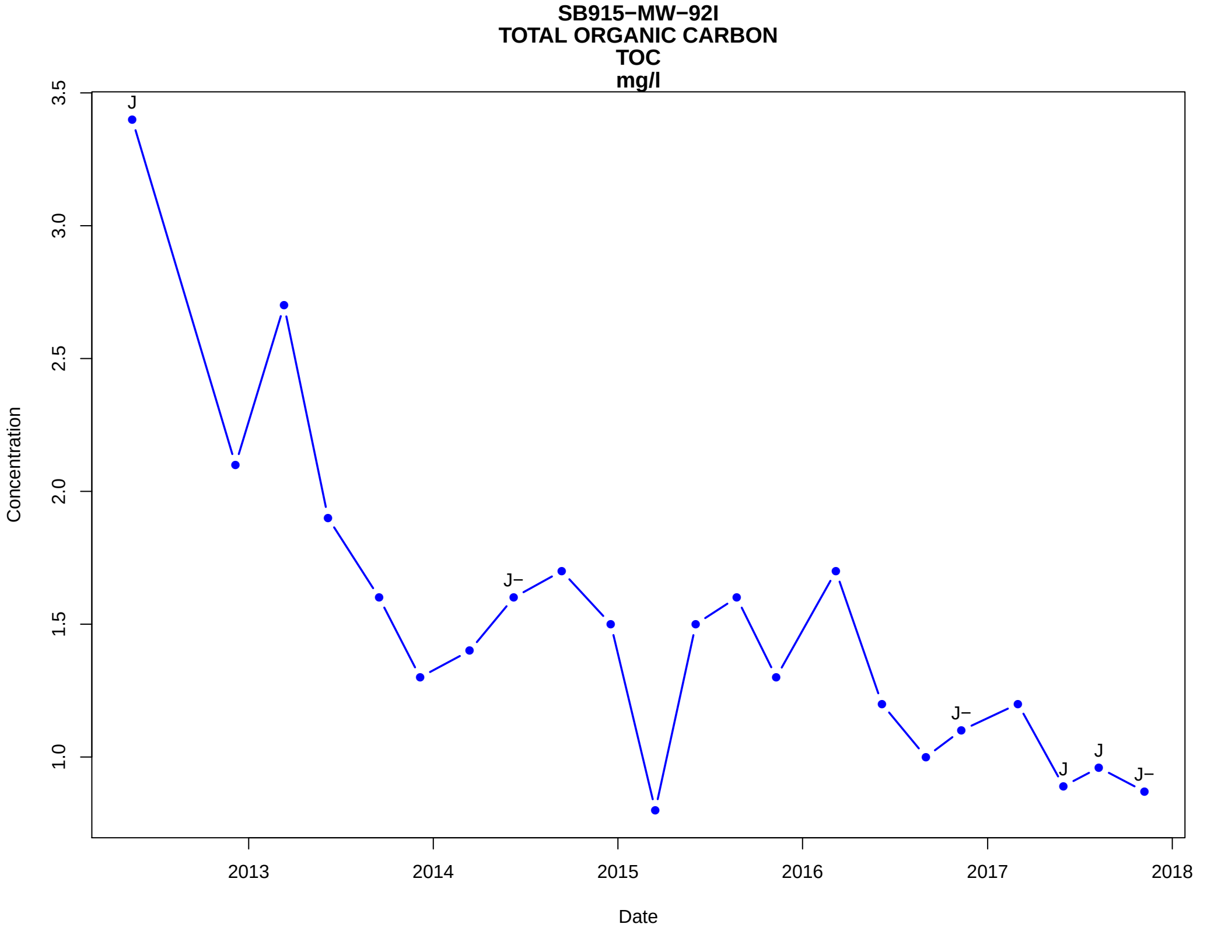

SB915−MW−92I
Manganese
7439−96−5
mg/L
Concentration
0.06
0.08
0.10
0.12
0.14
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
J
J
U
U
U
U
U
J
U
J
J
J
J
J

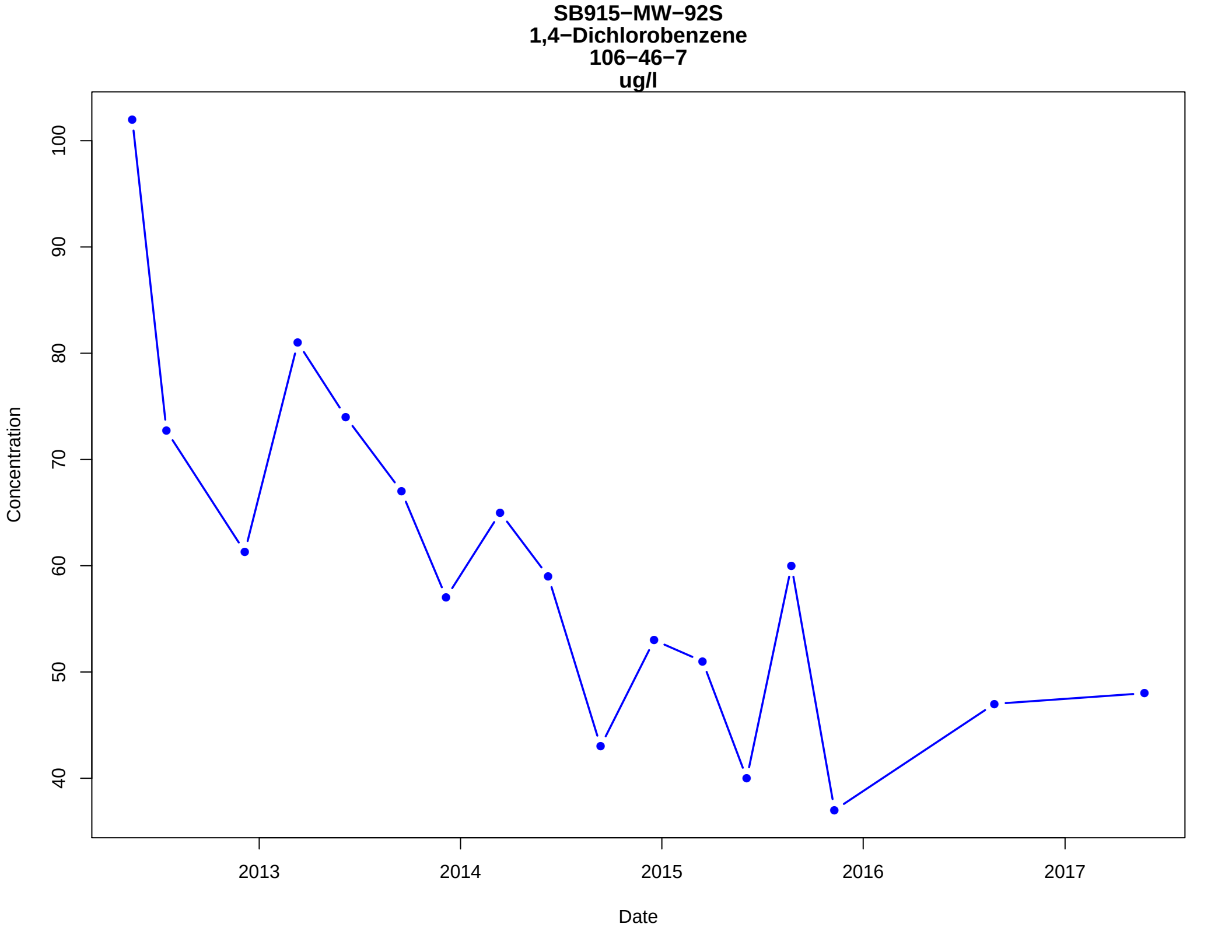

SB915−MW−92I
Nickel
7440−02−0
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
J
U
UJ
J
U
U
U
U
J
J
J
U
U
J
J
J
U
U
U
U
U
U
U

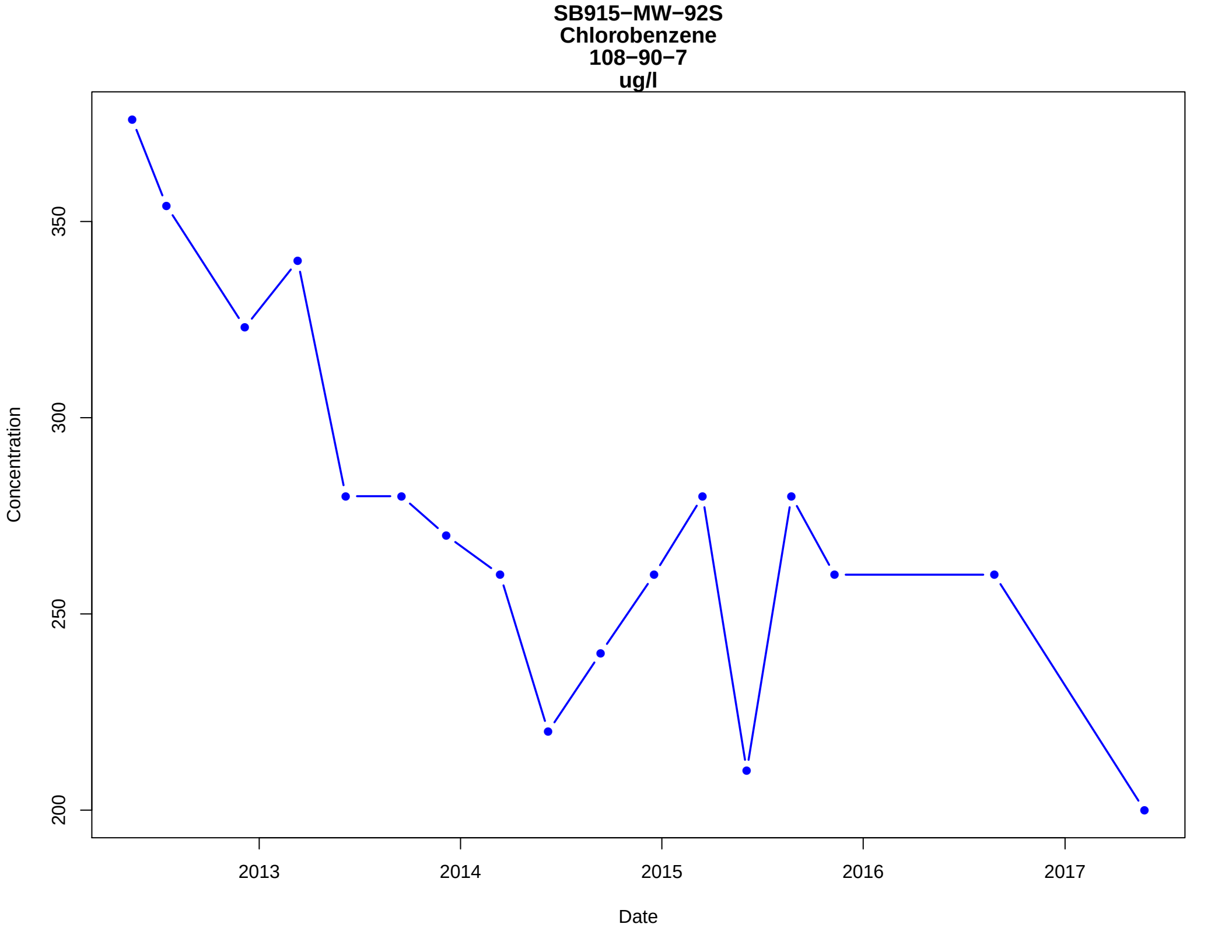

SB915−MW−92I
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
1
2
3
4
5
6
2013
2014
2015
2016
2017
2018
Date
J
J

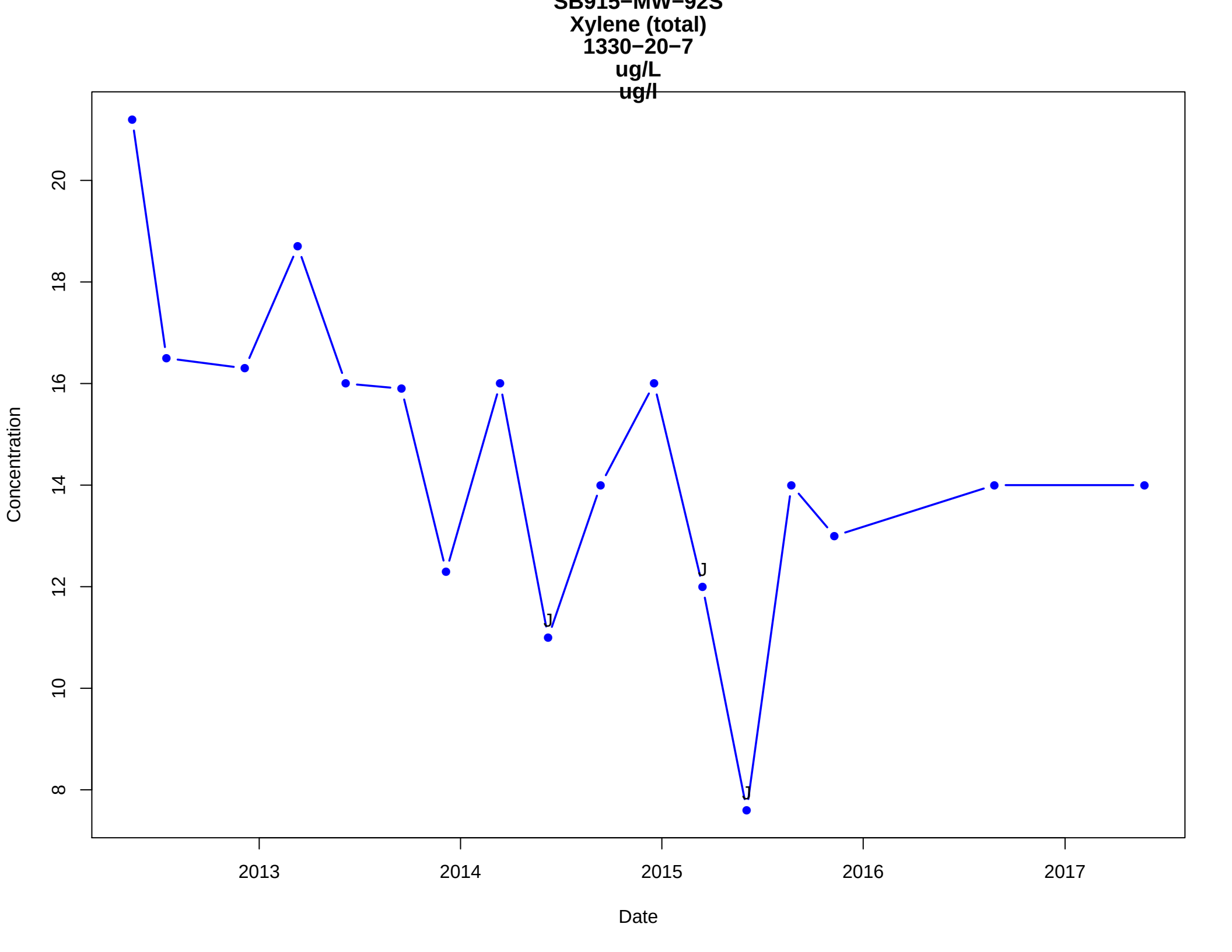

SB915−MW−92I
Alkalinity
ALK
mg/l
Concentration
240
220
200
180
160
140
J
J
J
2013
2014
2015
2016
2017
2018
Date

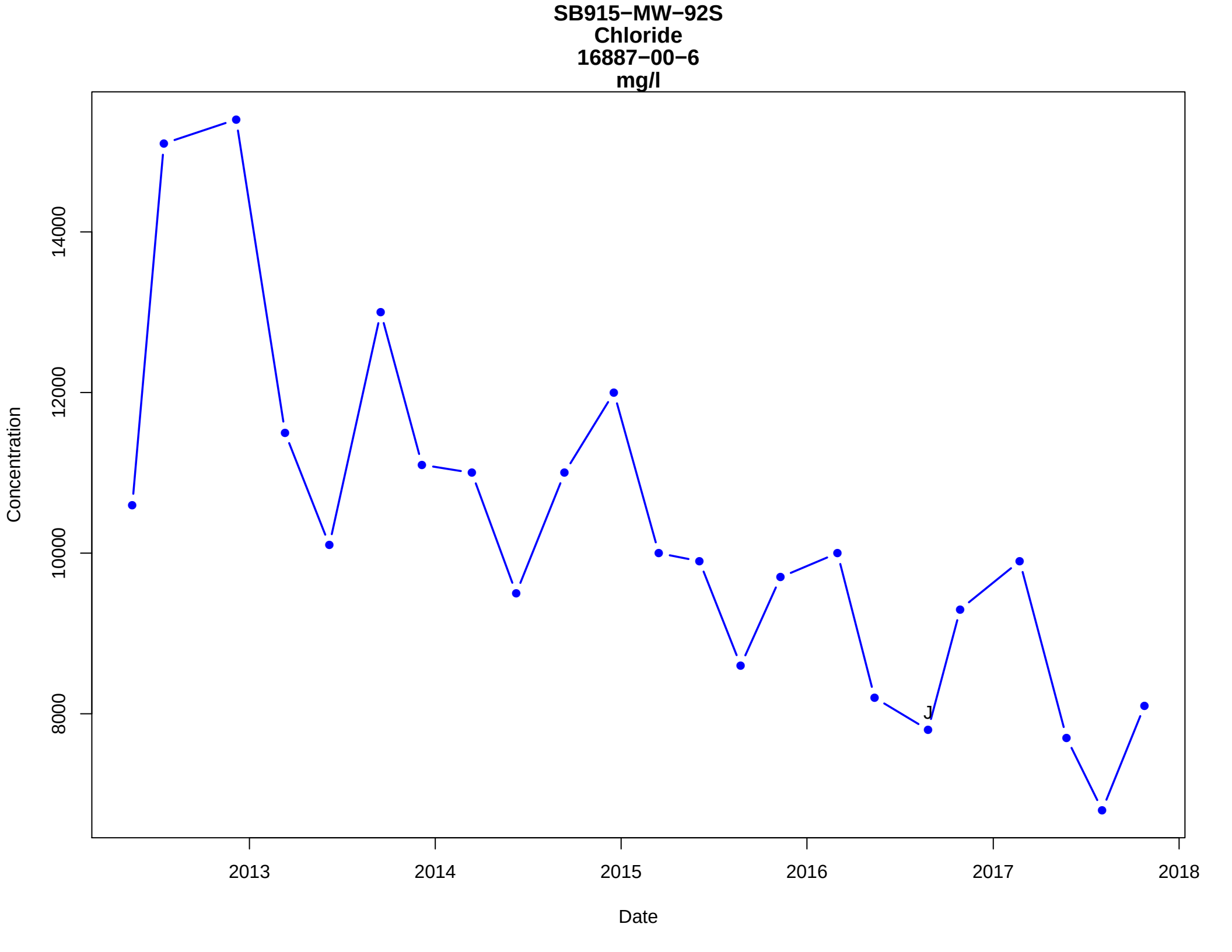

SB915−MW−92I
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
240
220
200
180
160
140
J
J
J
2013
2014
2015
2016
2017
2018
Date

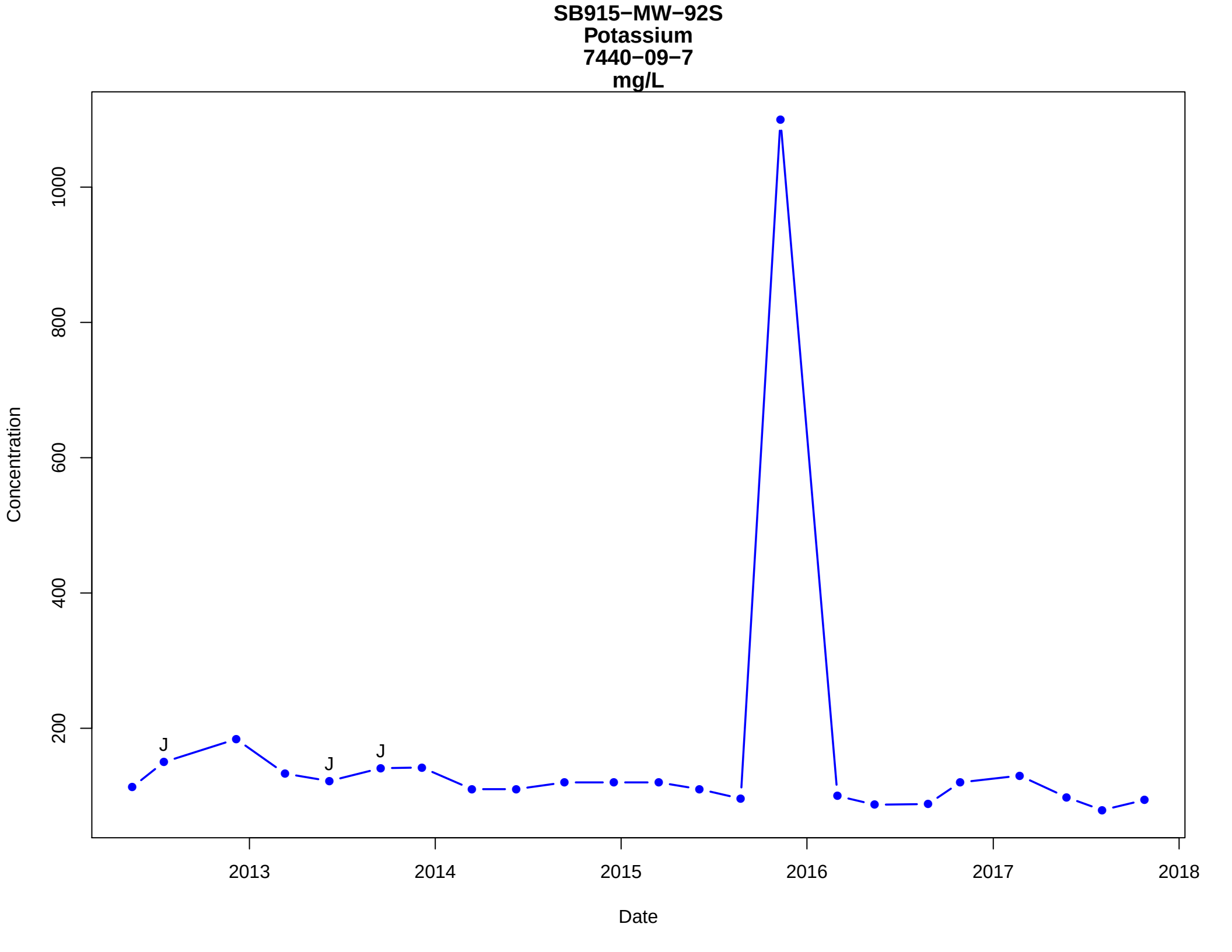

SB915−MW−92I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
3.5
3.0
2.5
2.0
1.5
1.0
J
J−
J−
J
J
J−
2013
2014
2015
2016
2017
2018
Date

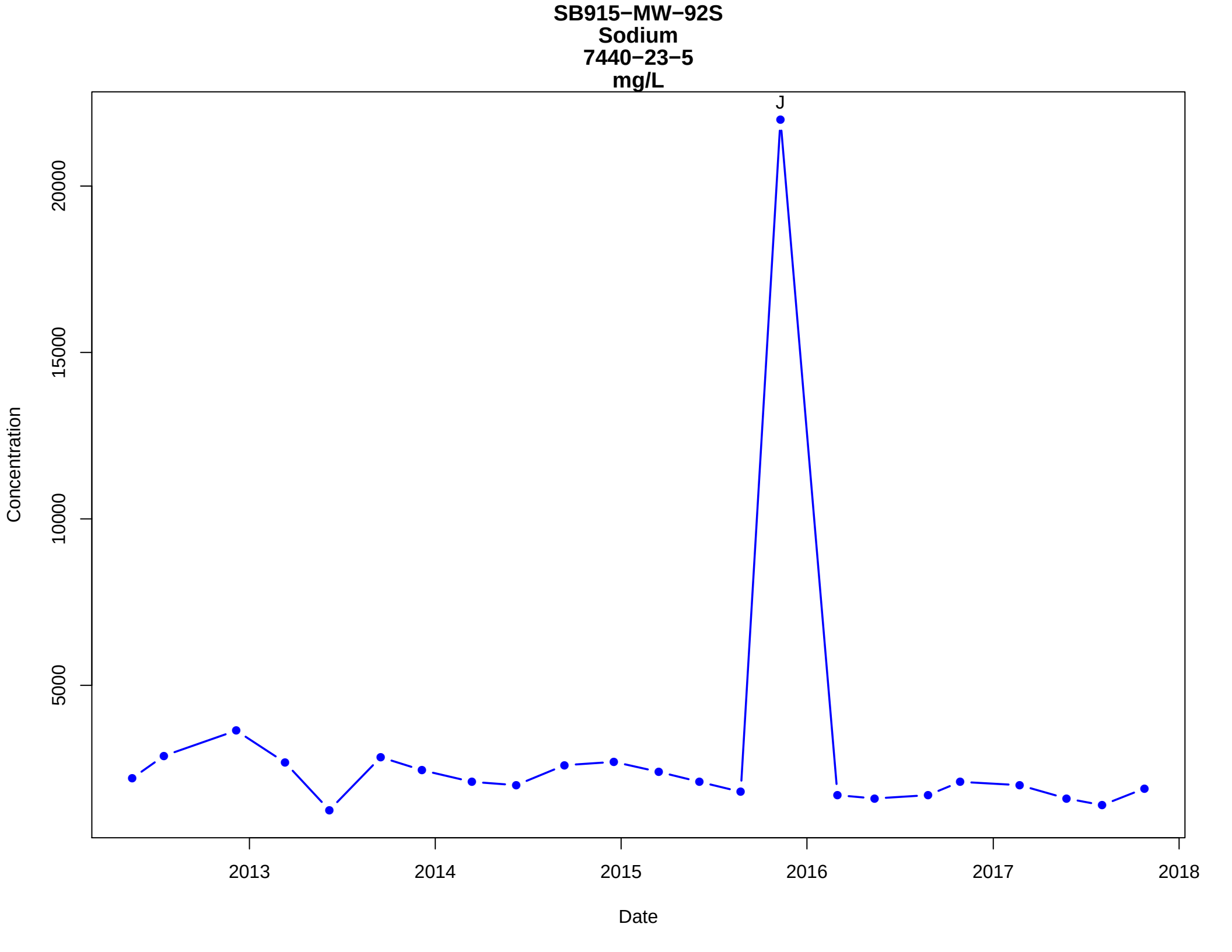

SB915−MW−92S
1,4−Dichlorobenzene
106−46−7
ug/l
Concentration
100
90
80
70
60
50
40
2013
2014
2015
2016
2017
Date

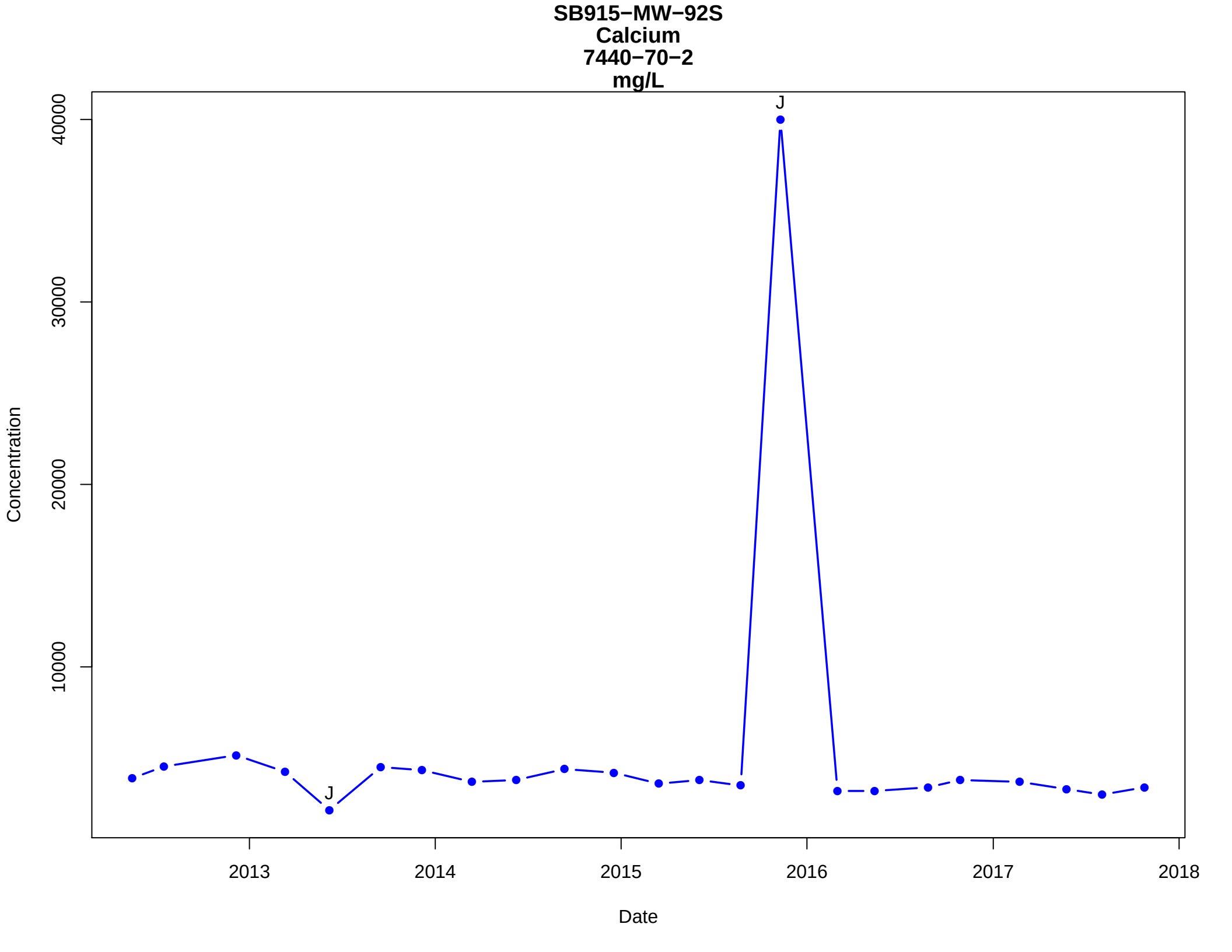

SB915−MW−92S
Chlorobenzene
108−90−7
ug/l
Concentration
350
300
250
200
2013
2014
2015
2016
2017
Date

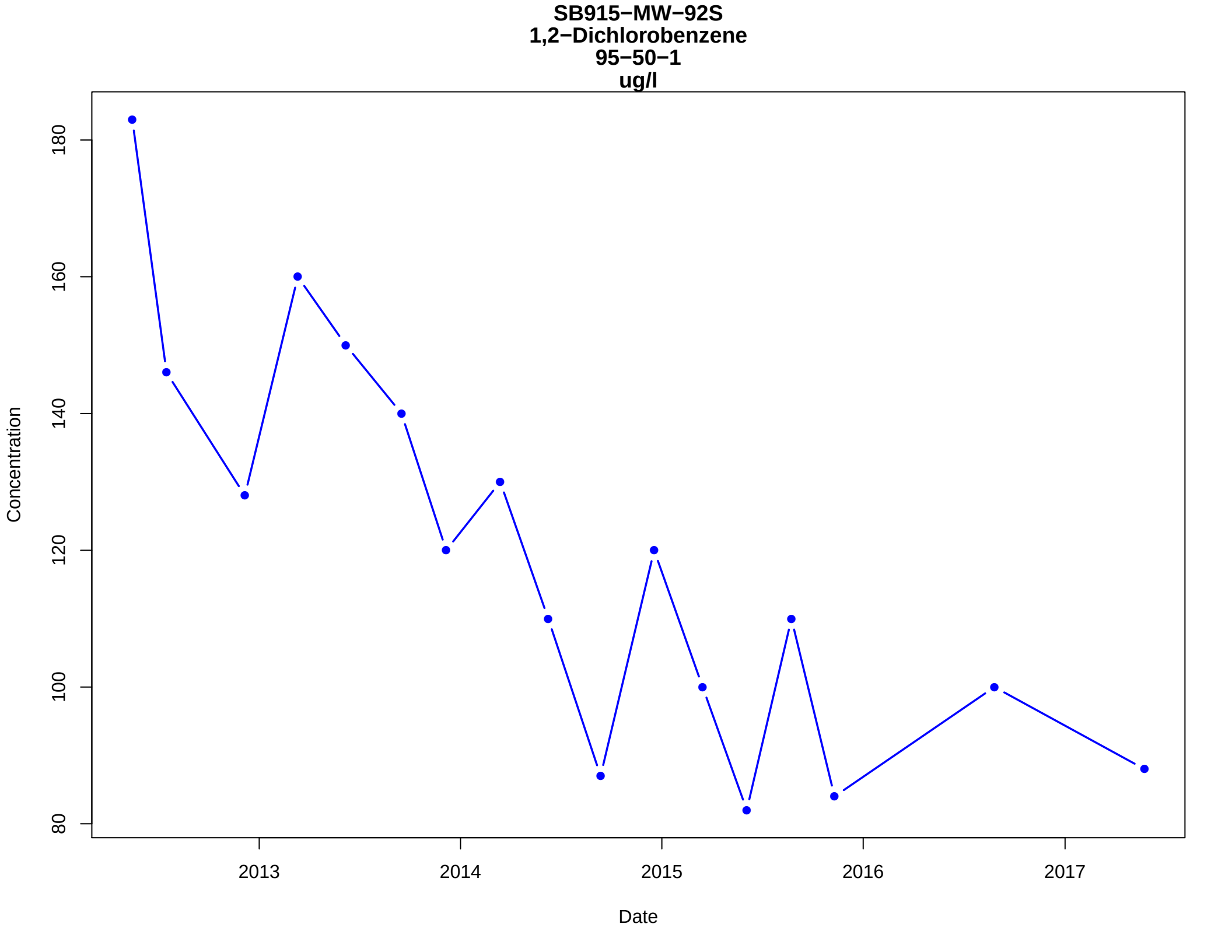

SB915−MW−92S
Xylene (total)
1330−20−7
ug/L
ug/l
Concentration
8
10
12
14
16
18
20
J
J
J
2013
2014
2015
2016
2017
Date

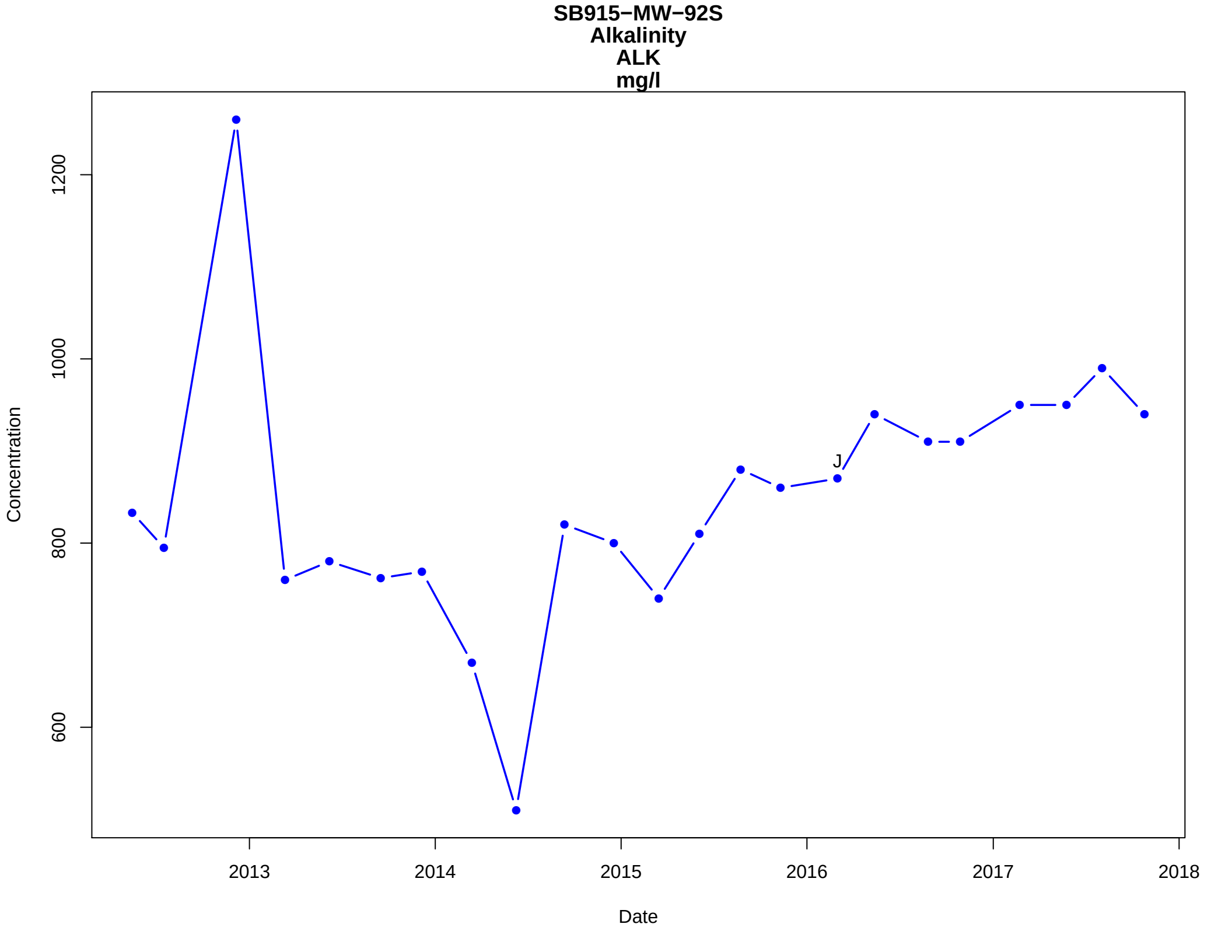

SB915−MW−92S
Chloride
16887−00−6
mg/l
Concentration
14000
12000
10000
8000
2013
2014
2015
2016
2017
2018
Date
J

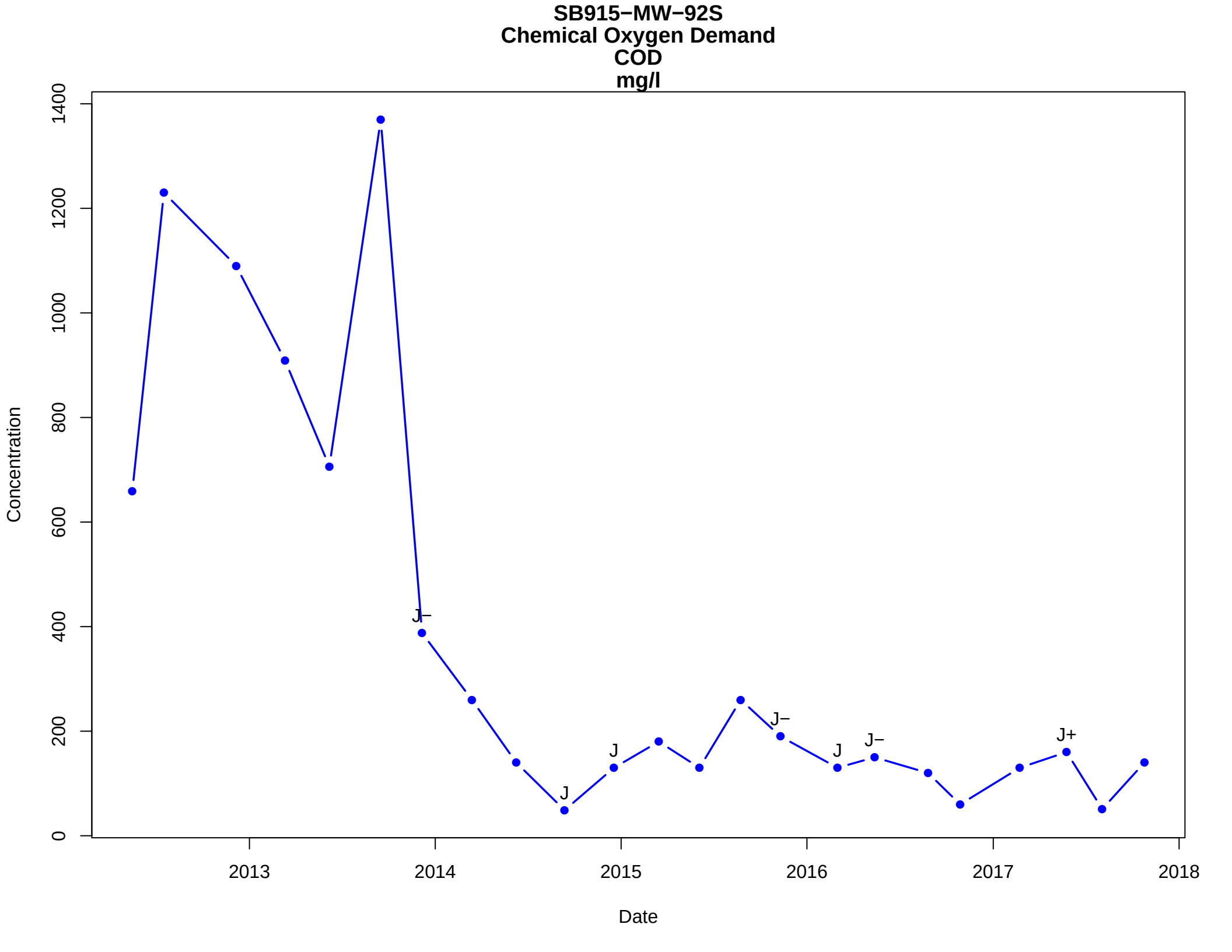

SB915−MW−92S
Potassium
7440−09−7
mg/L
Concentration
200
400
600
800
1000
J
J
J
2013
2014
2015
2016
2017
2018
Date

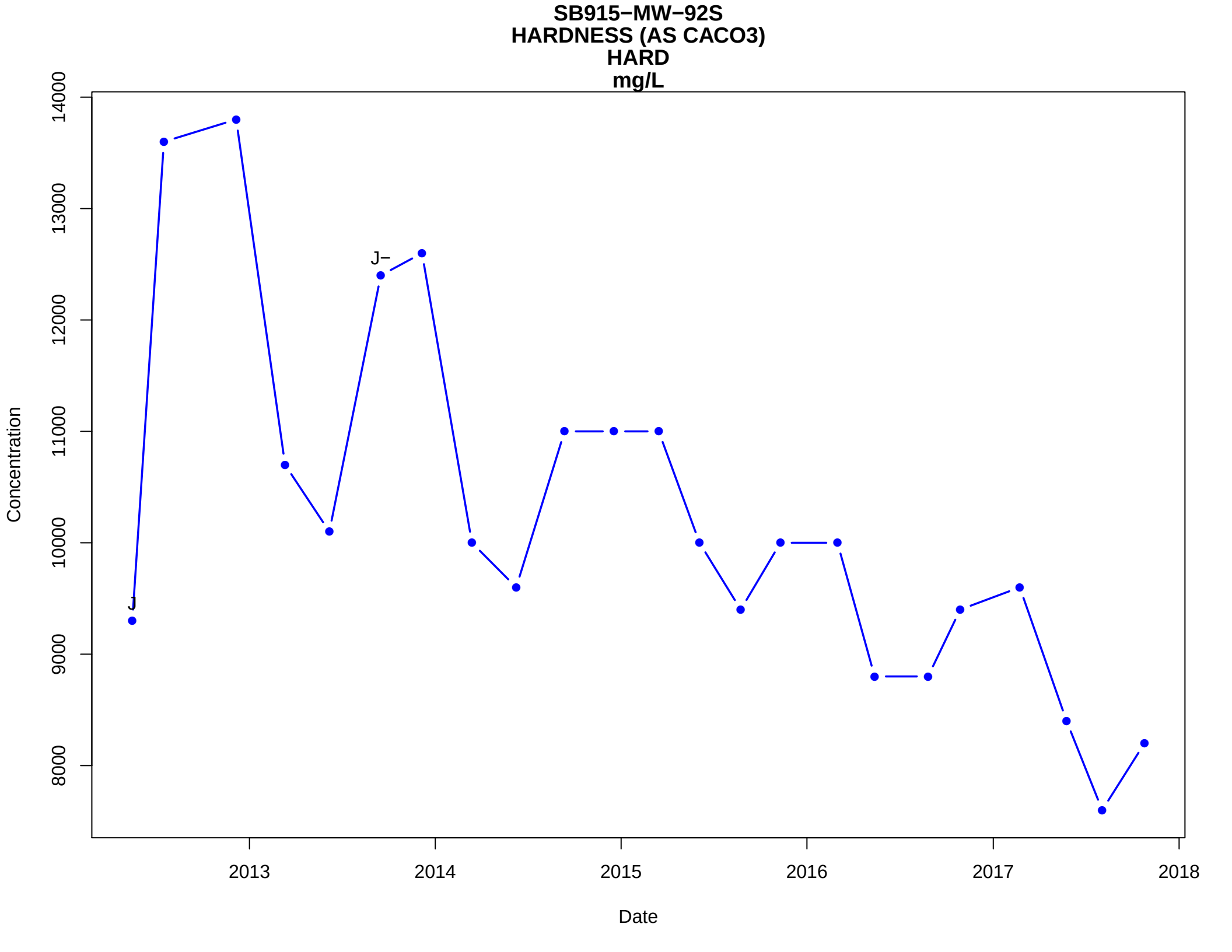

SB915−MW−92S
Sodium
7440−23−5
mg/L
J
20000
15000
10000
5000
Concentration
2013
2014
2015
2016
2017
2018
Date

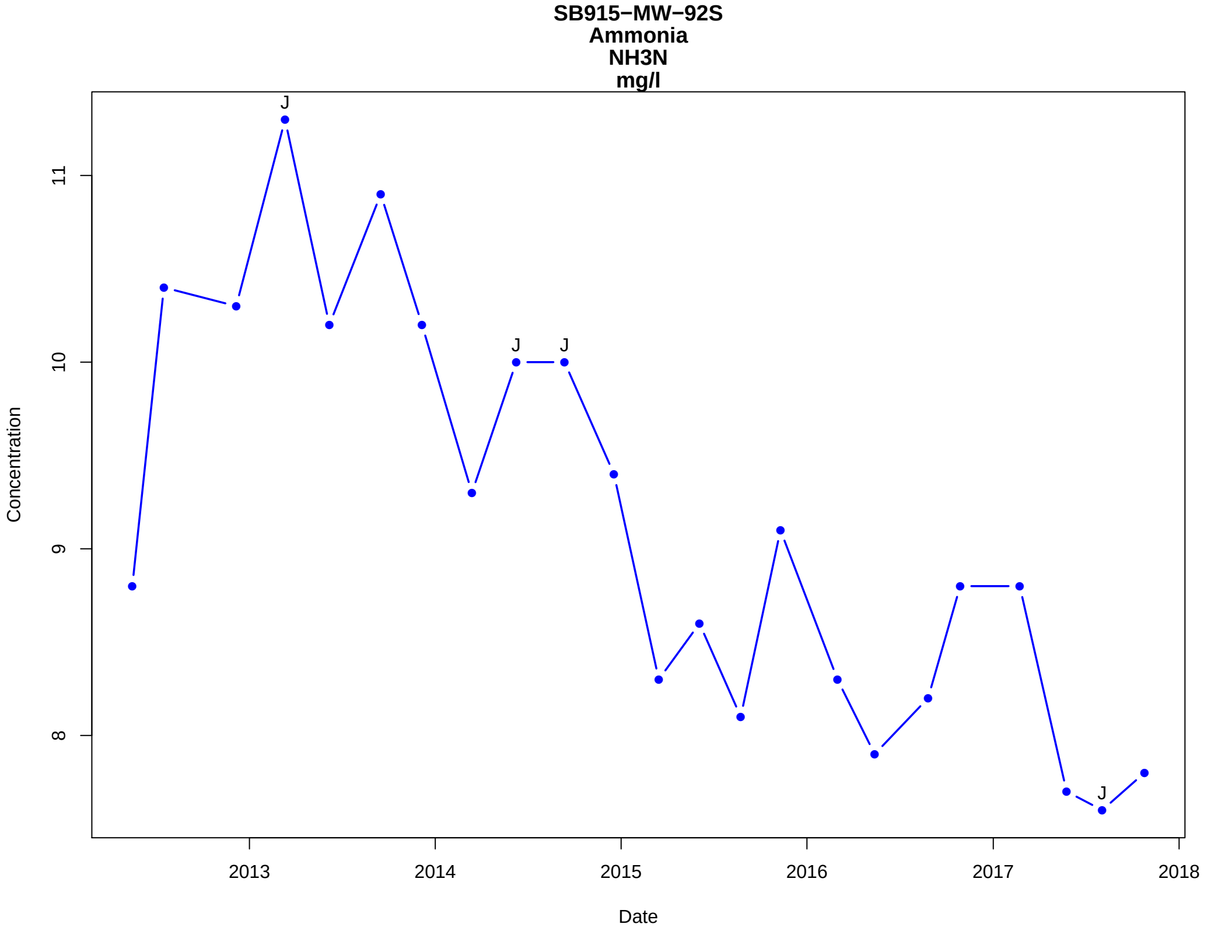

SB915−MW−92S
Calcium
7440−70−2
mg/L
Concentration
40000
30000
20000
10000
J
J
2013
2014
2015
2016
2017
2018
Date

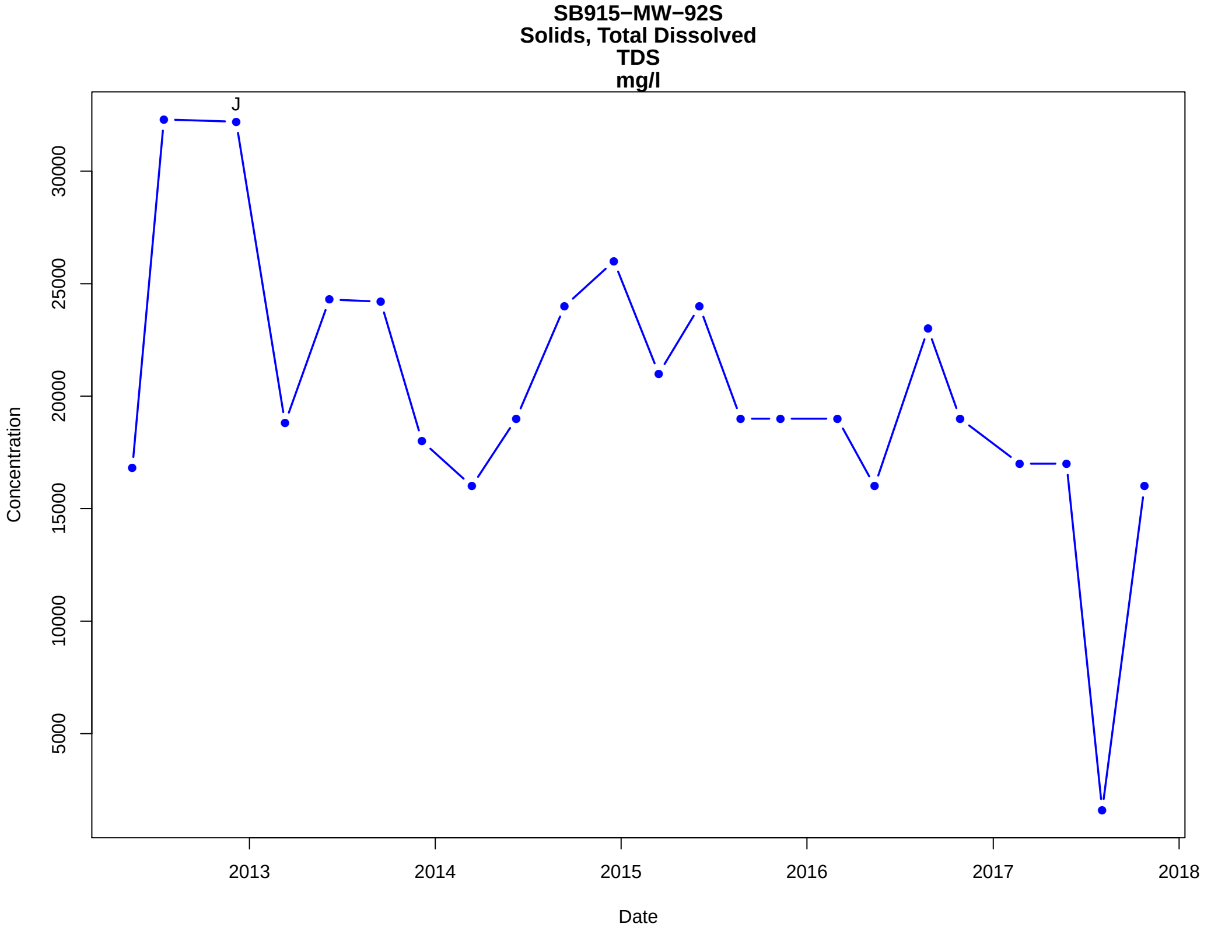

SB915−MW−92S
1,2−Dichlorobenzene
95−50−1
ug/l
Concentration
180
160
140
120
100
80
2013
2014
2015
2016
2017
Date

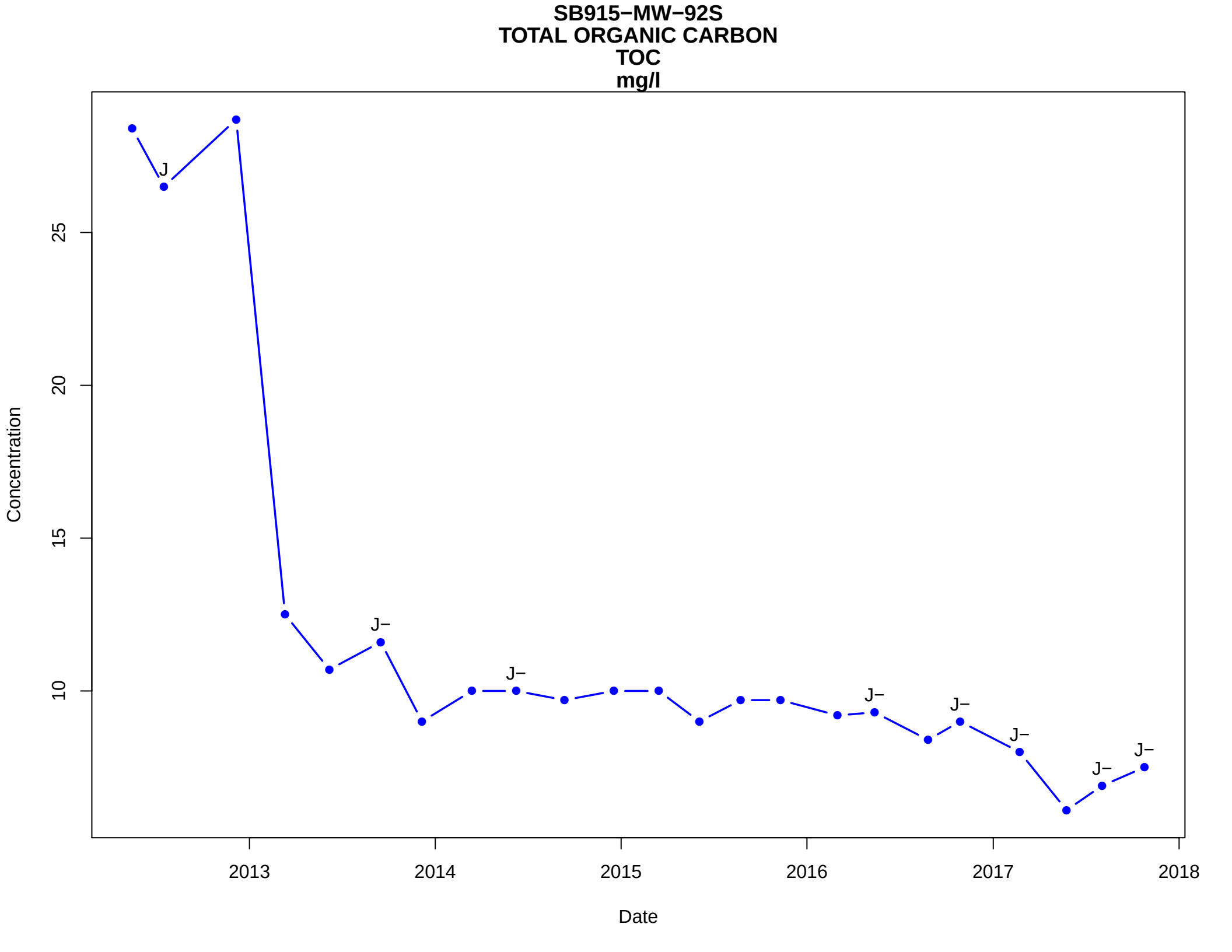

SB915−MW−92S
Alkalinity
ALK
mg/l
Concentration
1200
1000
800
600
J
2013
2014
2015
2016
2017
2018
Date

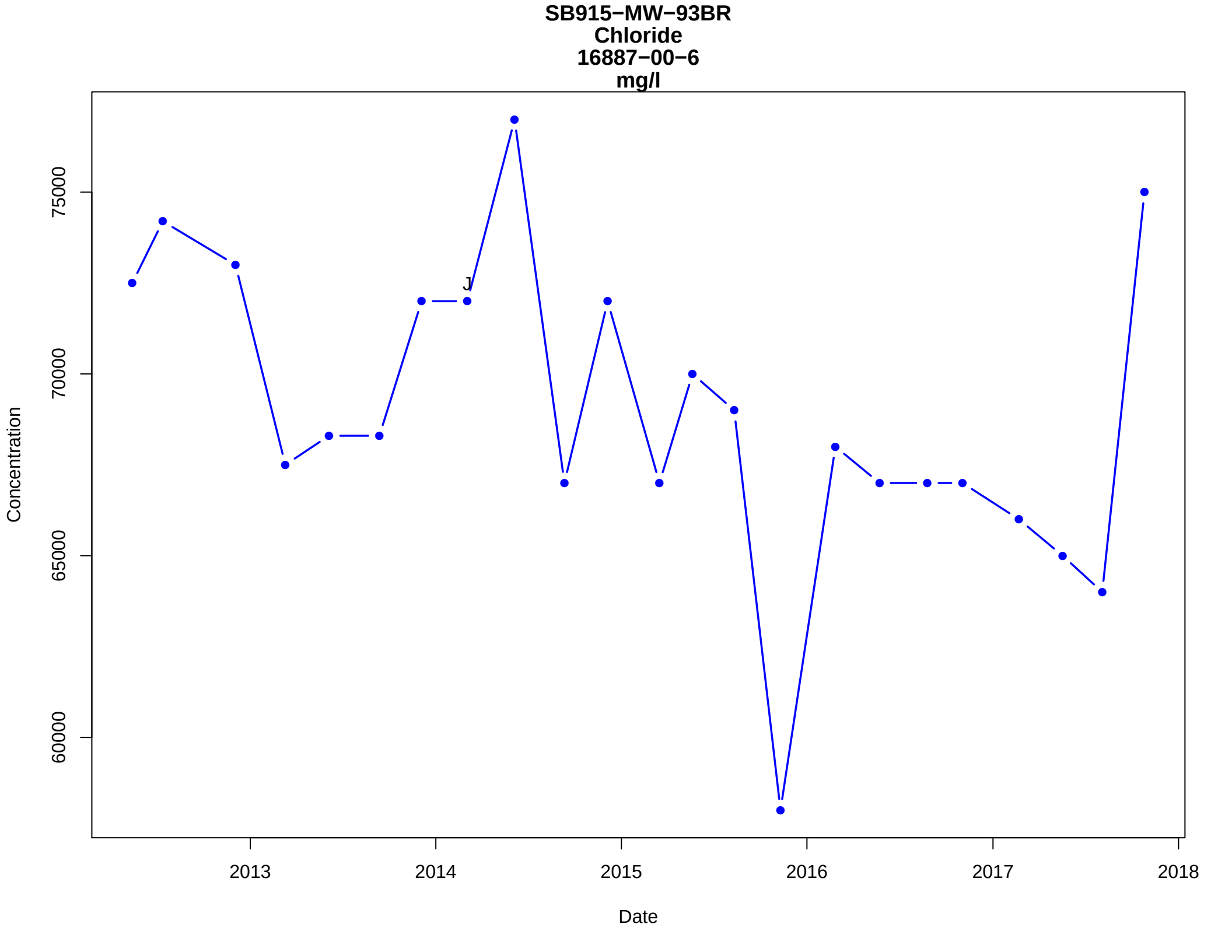

SB915−MW−92S
Chemical Oxygen Demand
COD
mg/l
Concentration
0
200
400
600
800
1000
1200
1400
J−
J
J
J−
J
J−
J+
2013
2014
2015
2016
2017
2018
Date

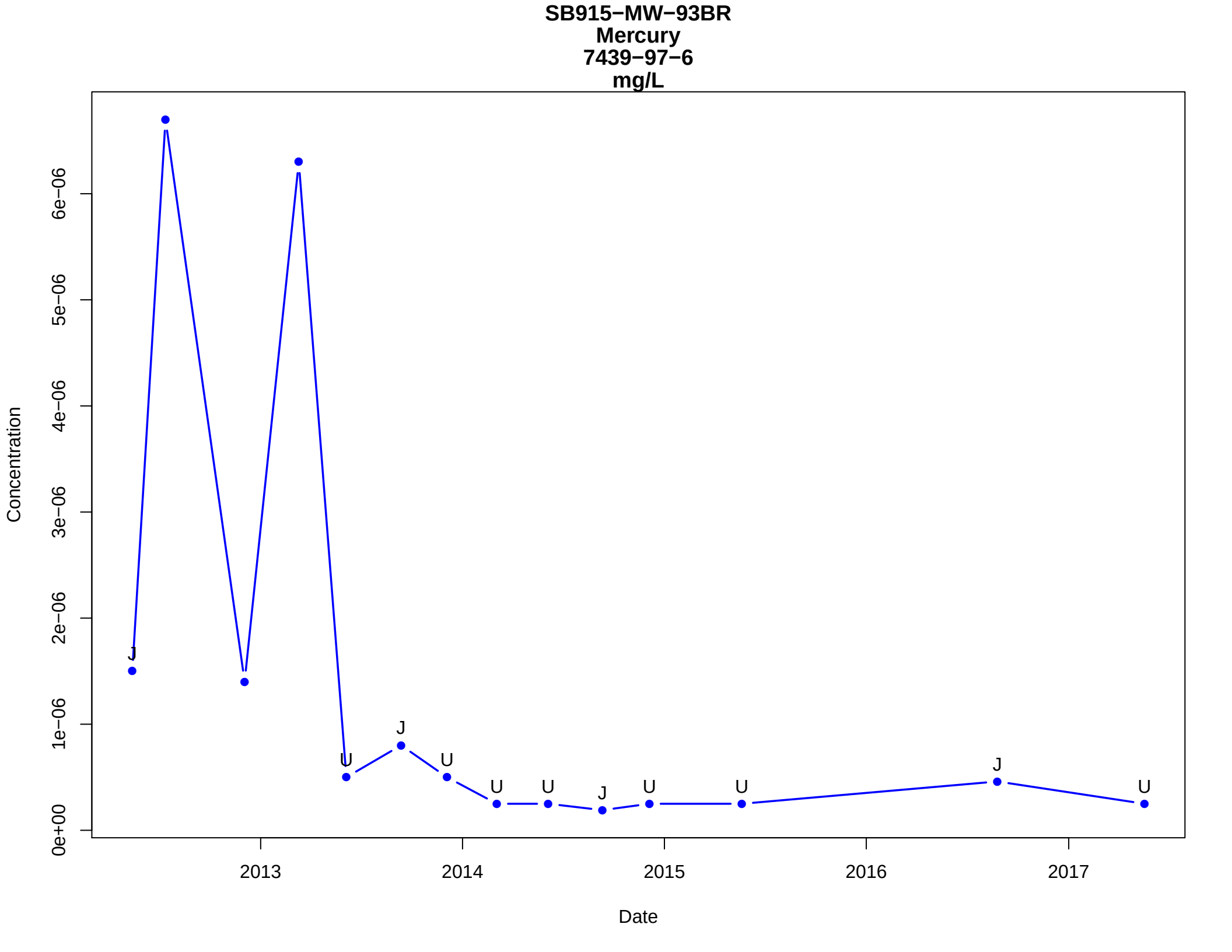

SB915−MW−92S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
14000
13000
12000
11000
10000
9000
8000
J
J−
2013
2014
2015
2016
2017
2018
Date

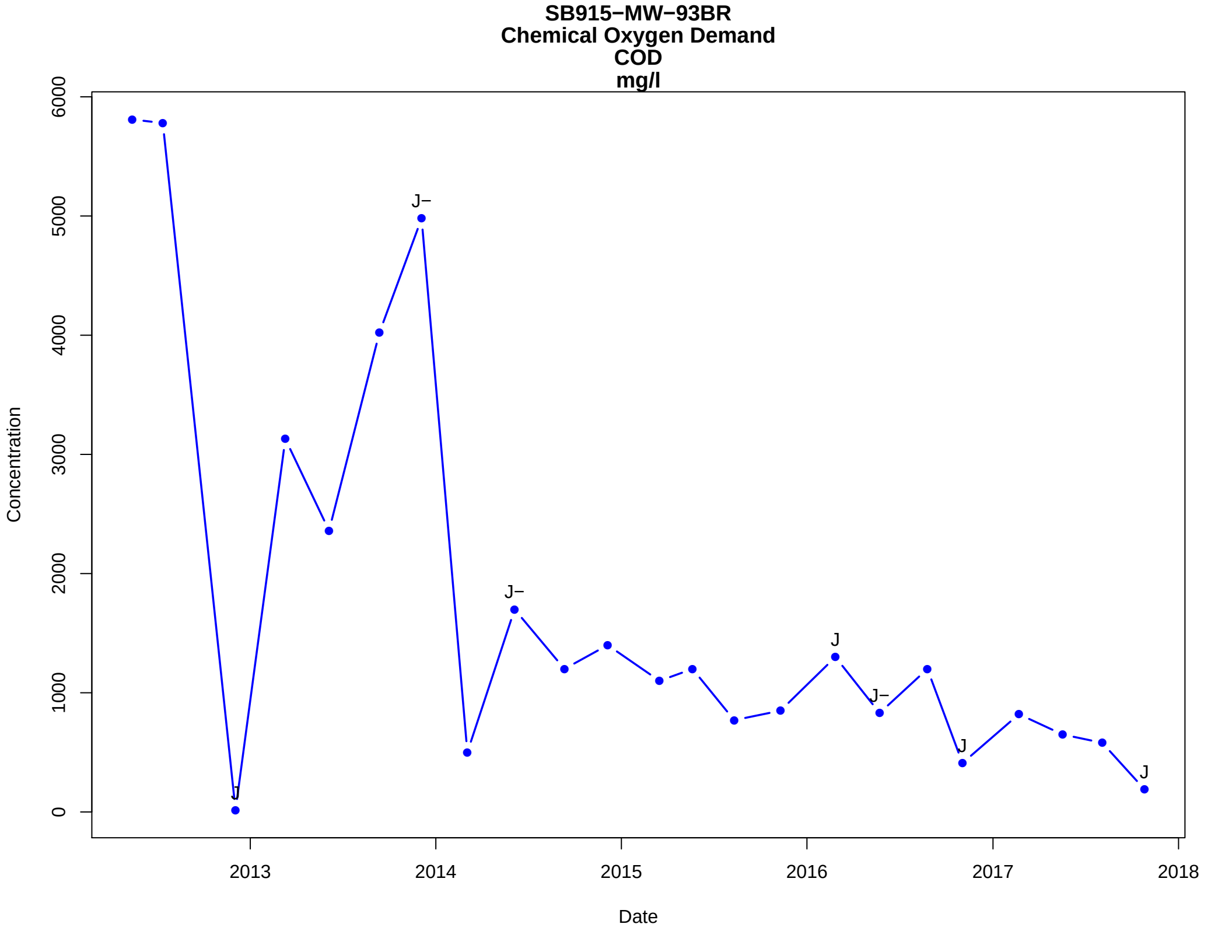

SB915−MW−92S
Ammonia
NH3N
mg/l
Concentration
8
9
10
11
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

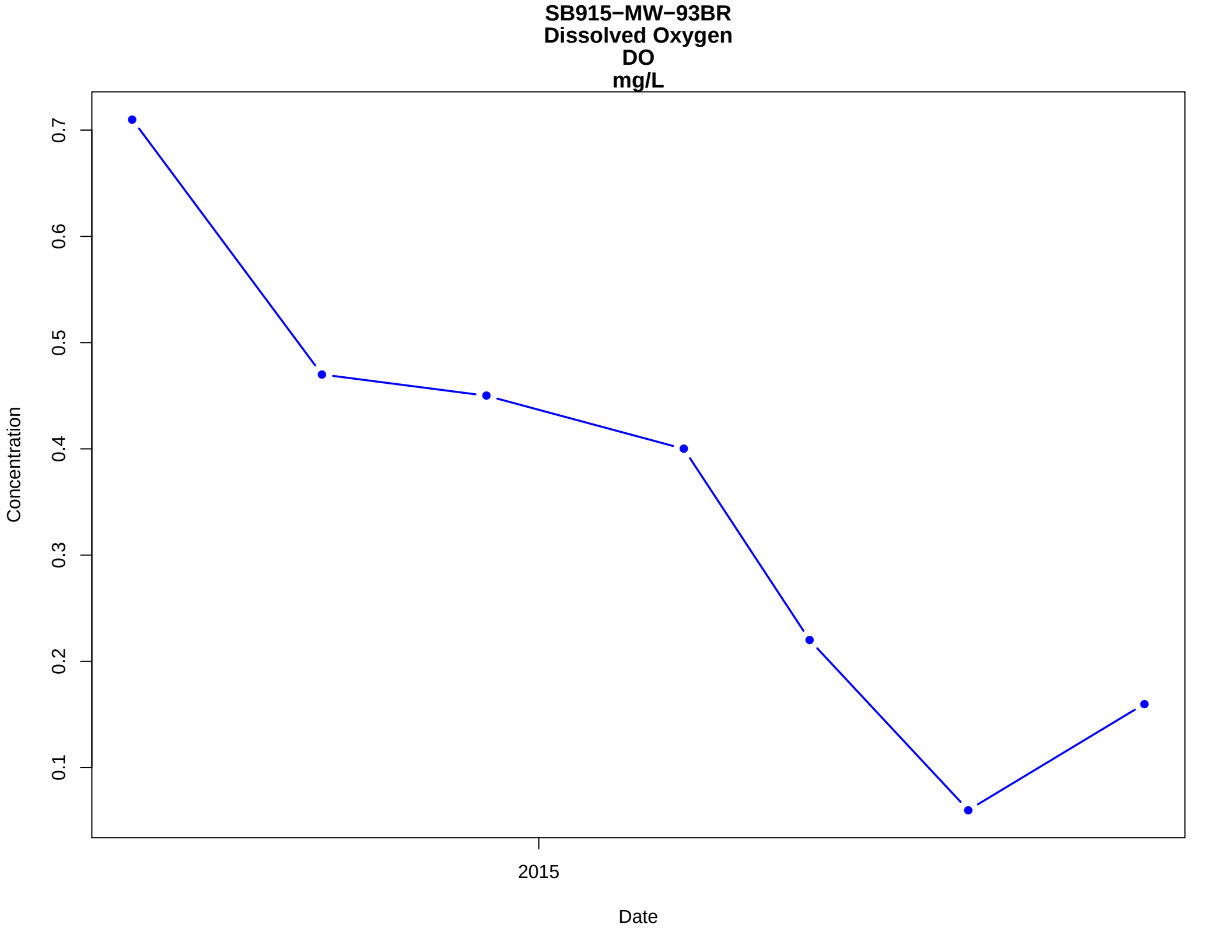

SB915−MW−92S
Solids, Total Dissolved
TDS
mg/l
J
Concentration
5000
10000
15000
20000
25000
30000
2013
2014
2015
2016
2017
2018
Date

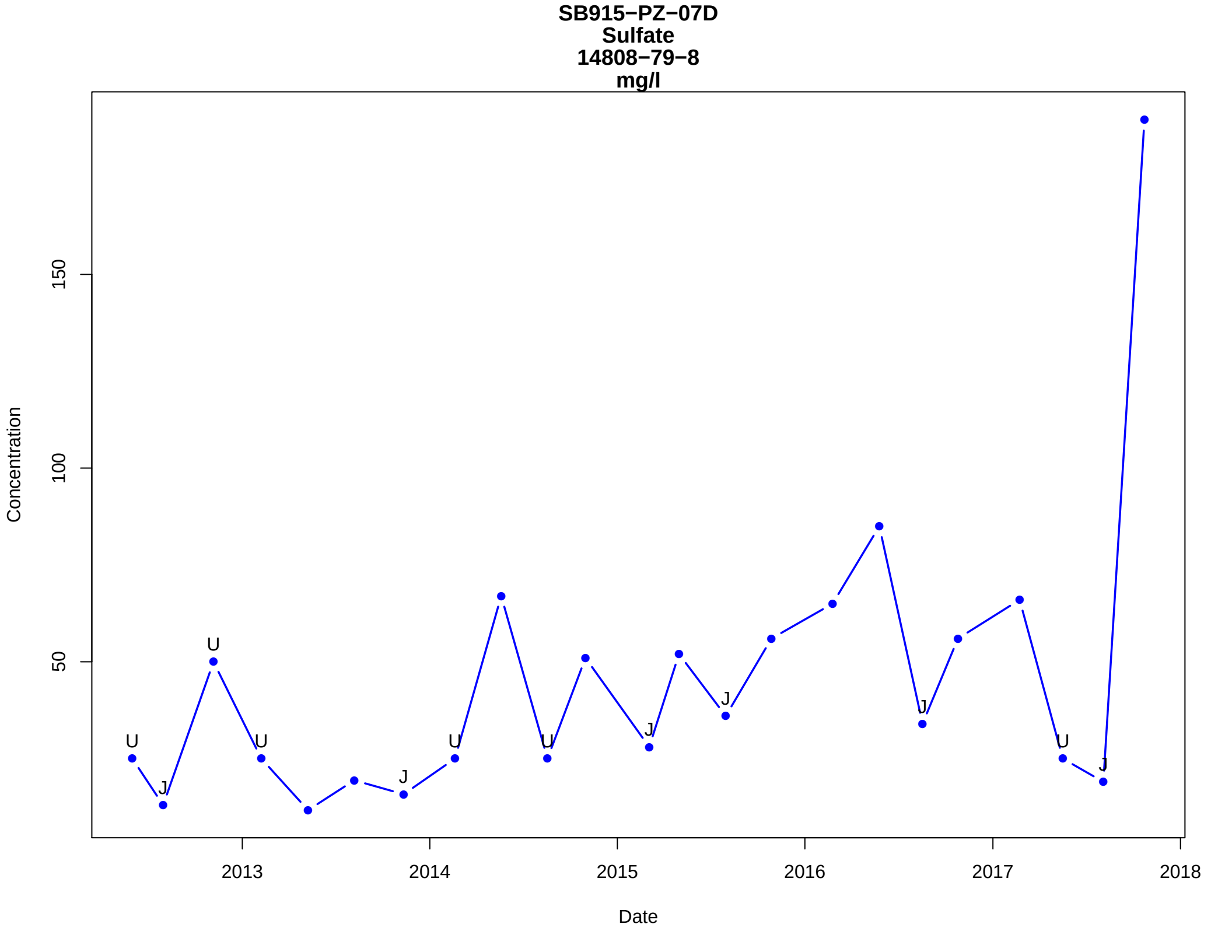

SB915−MW−92S
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
10
15
20
25
J
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
2018
Date

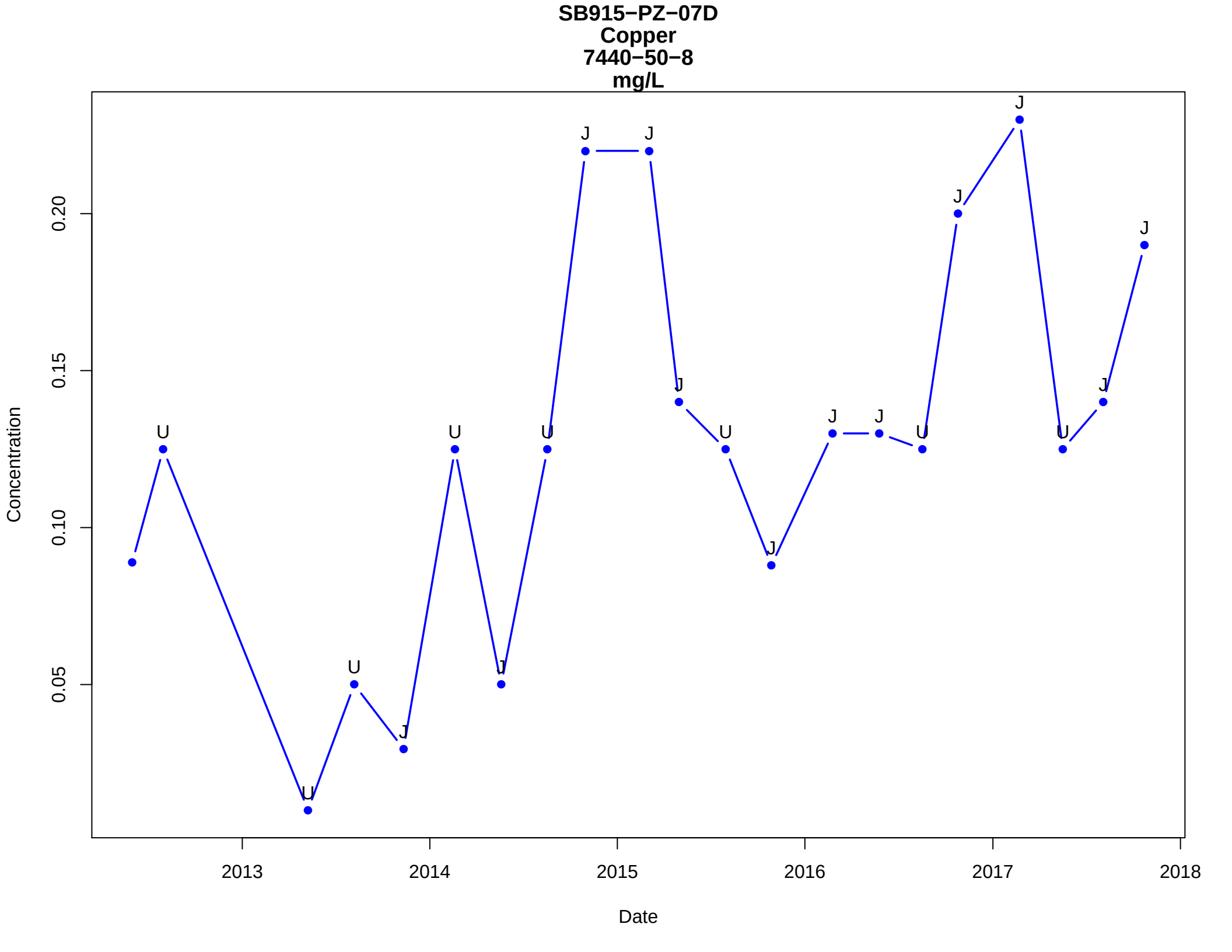

SB915−MW−93BR
Chloride
16887−00−6
mg/l
Concentration
75000
70000
65000
60000
2013
2014
2015
2016
2017
2018
Date

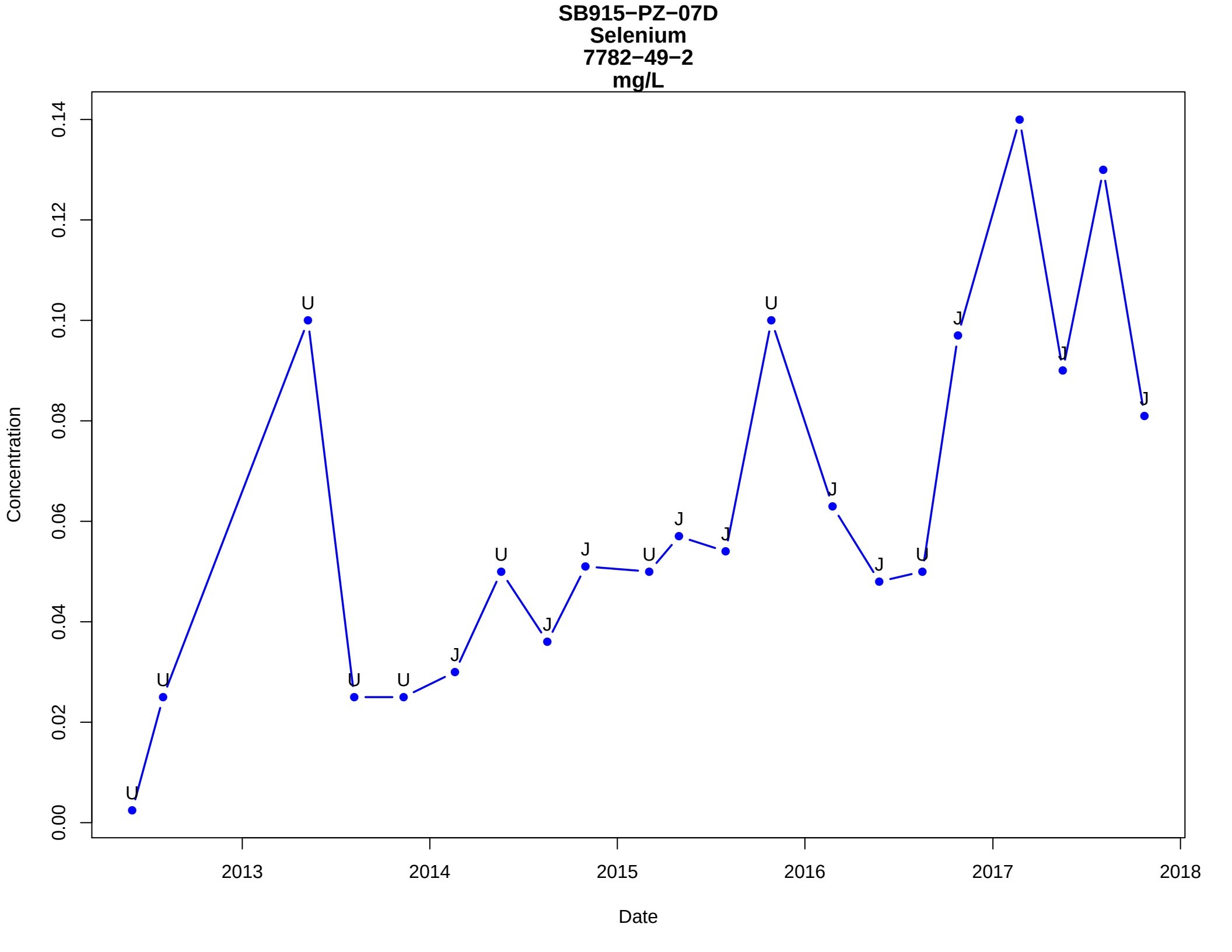

SB915−MW−93BR
Mercury
7439−97−6
mg/L
Concentration
0e+00
1e−06
2e−06
3e−06
4e−06
5e−06
6e−06
J
U
J
U
U
U
J
U
U
J
U
2013
2014
2015
2016
2017
Date

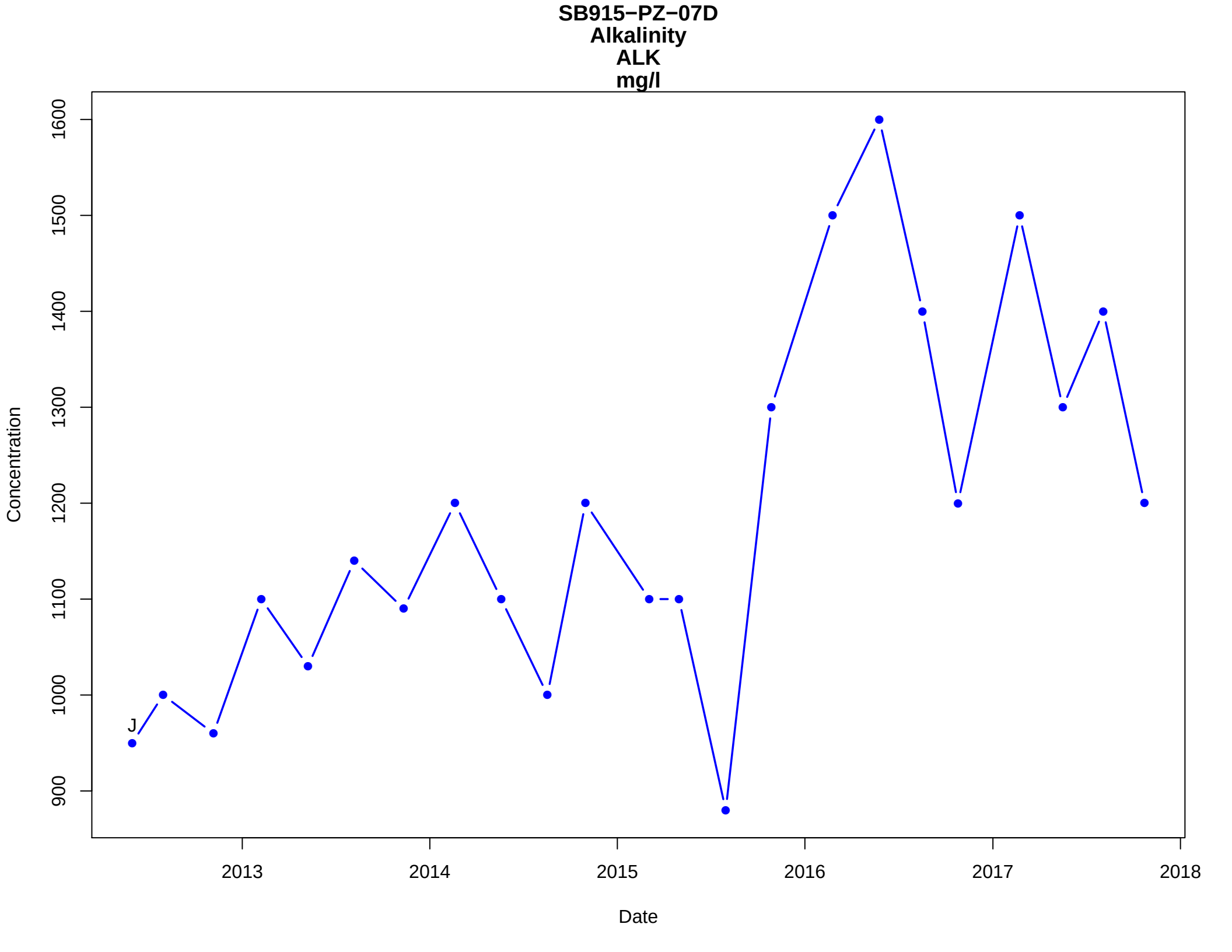

SB915−MW−93BR
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
6000
J
J−
J−
J
J−
J
J
2013
2014
2015
2016
2017
2018
Date

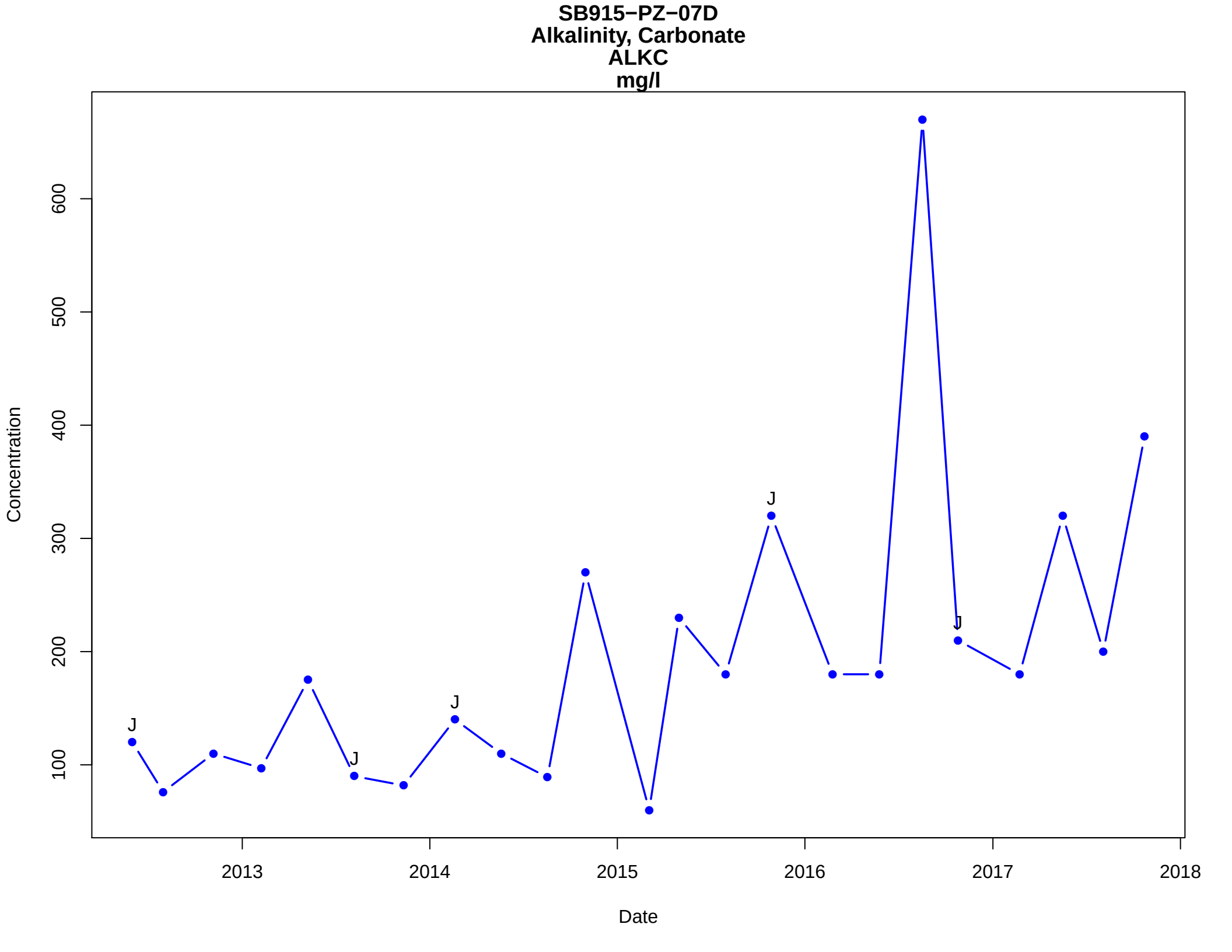

SB915−MW−93BR
Dissolved Oxygen
DO
mg/L
Concentration
0.1
0.2
0.3
0.4
0.5
0.6
0.7
2015
Date

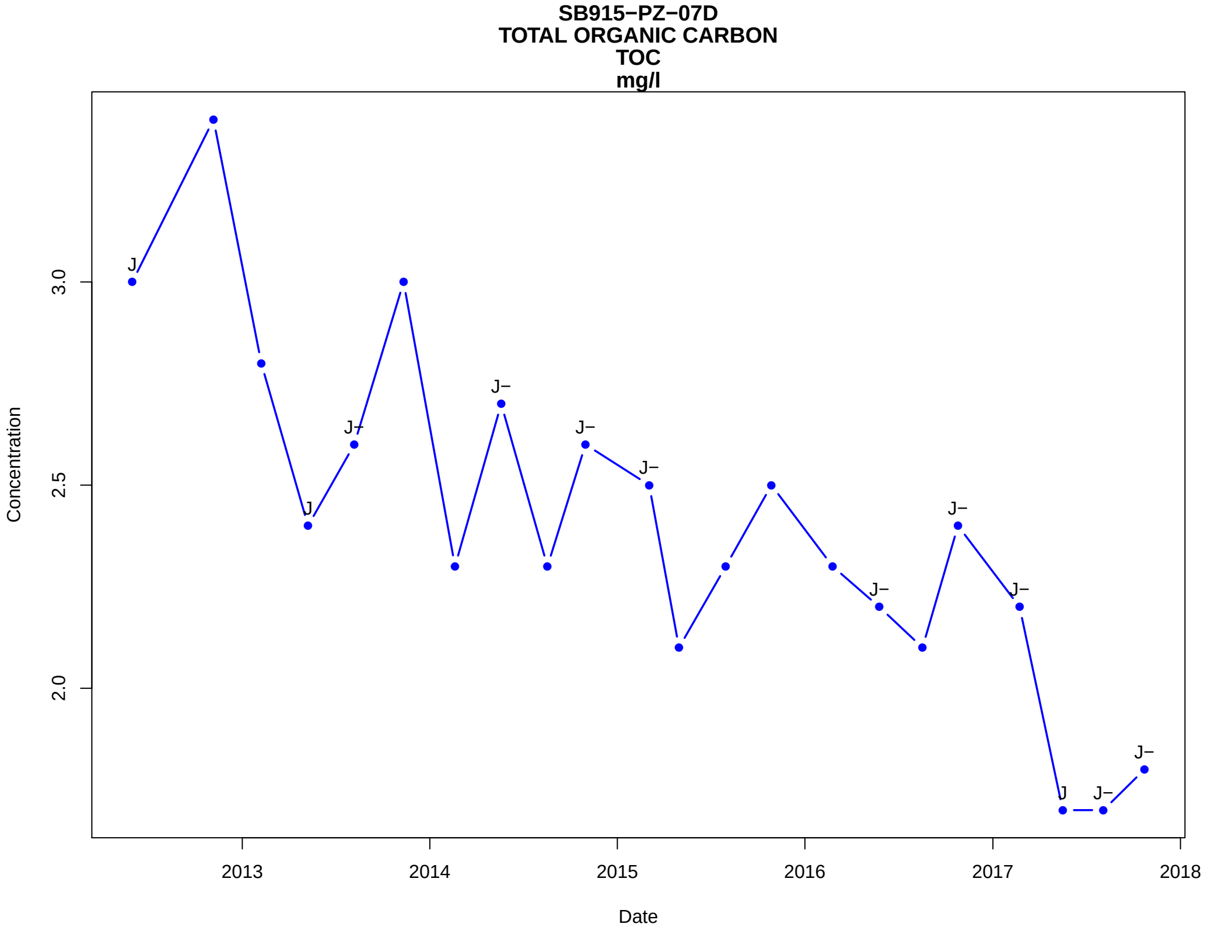

SB915−PZ−07D
Sulfate
14808−79−8
mg/l
Concentration
150
100
50
U
J
U
U
J
U
U
J
J
J
U
J
2013
2014
2015
2016
2017
2018
Date

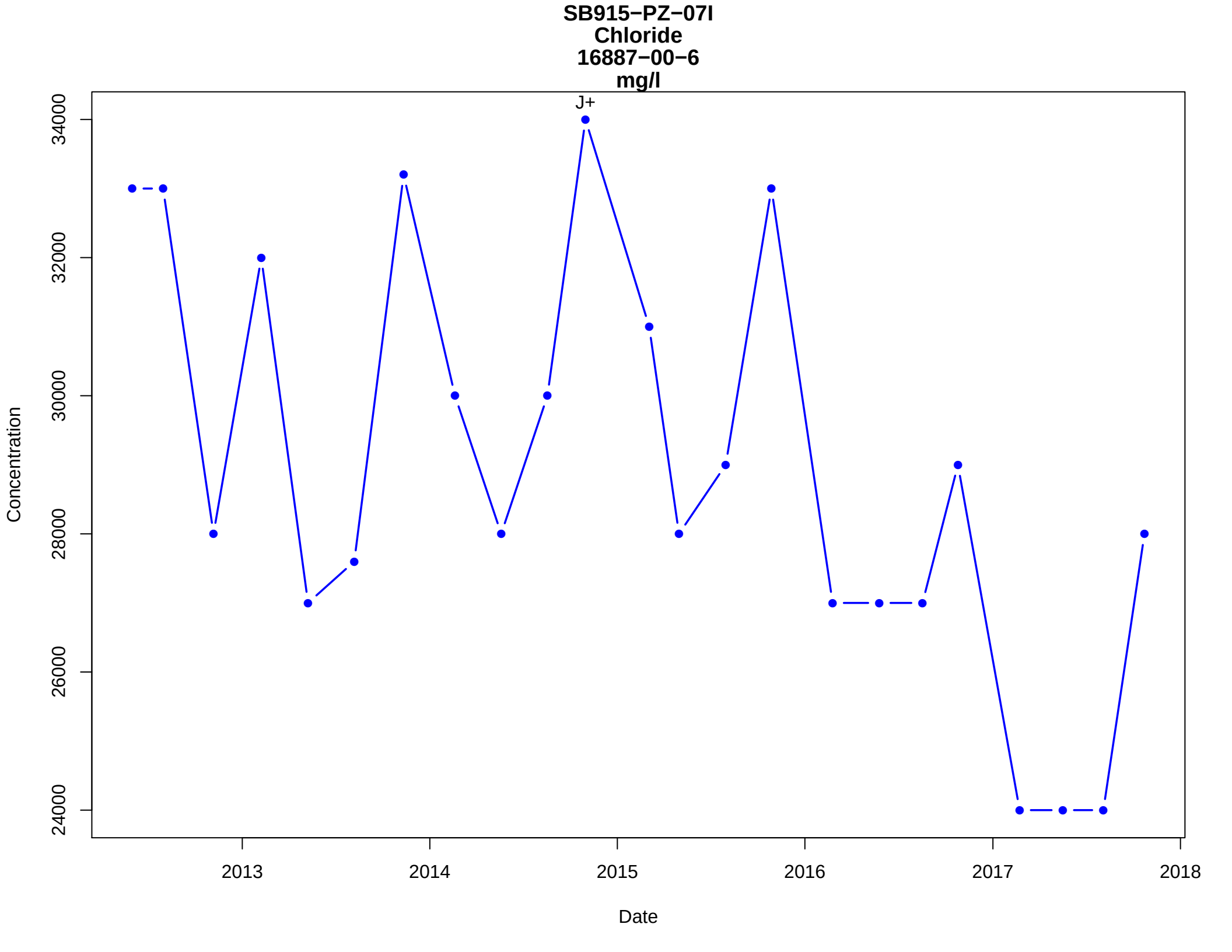

SB915−PZ−07D
Copper
7440−50−8
mg/L
Concentration
0.05
0.10
0.15
0.20
2013
2014
2015
2016
2017
2018
Date
U
U
U
J
U
J
U
J
J
J
U
J
U
J
J
U
J
U
J

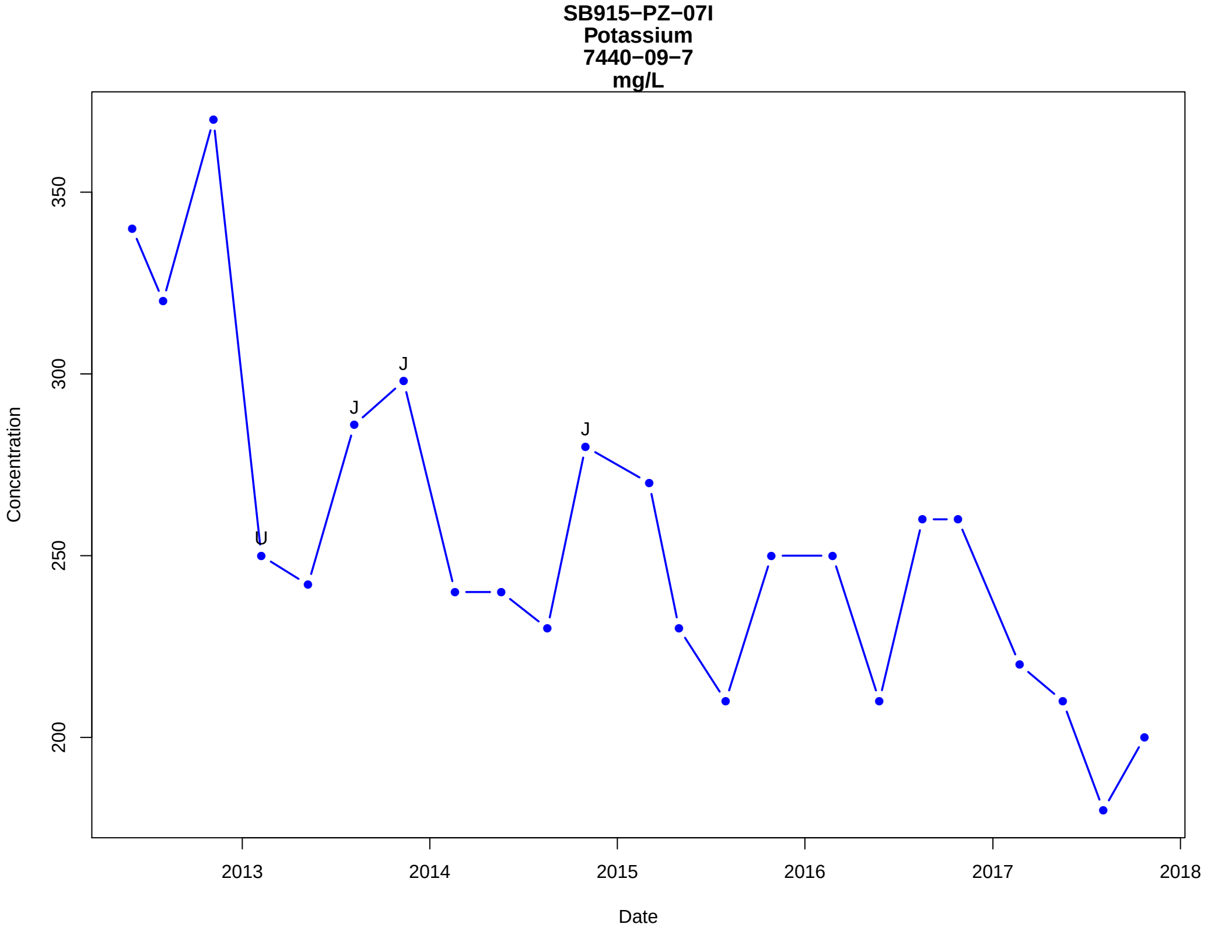

SB915−PZ−07D
Selenium
7782−49−2
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
J
U
J
U
J
J
U
J
U
J
J
J
J

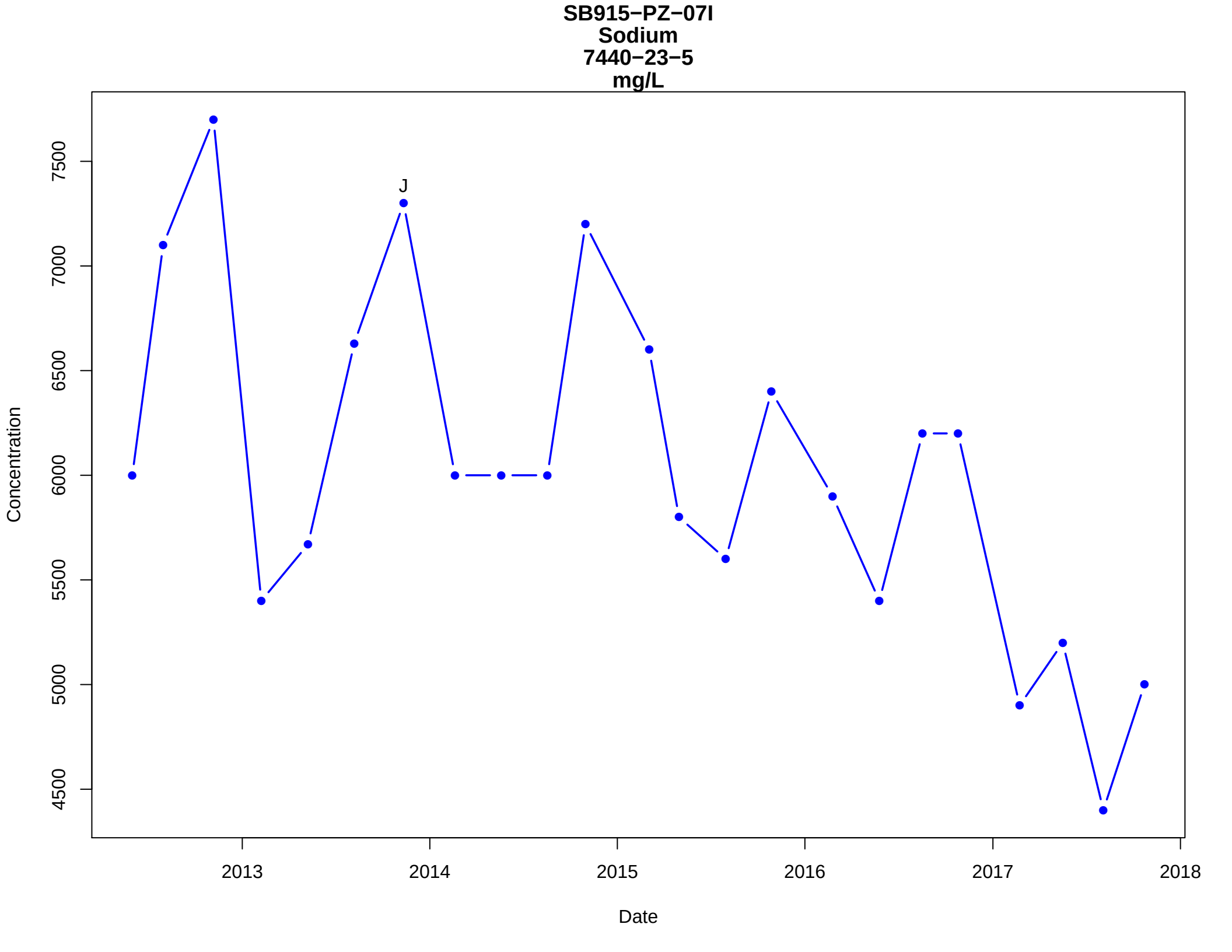

SB915−PZ−07D
Alkalinity
ALK
mg/l
Concentration
900
1000
1100
1200
1300
1400
1500
1600
J
2013
2014
2015
2016
2017
2018
Date

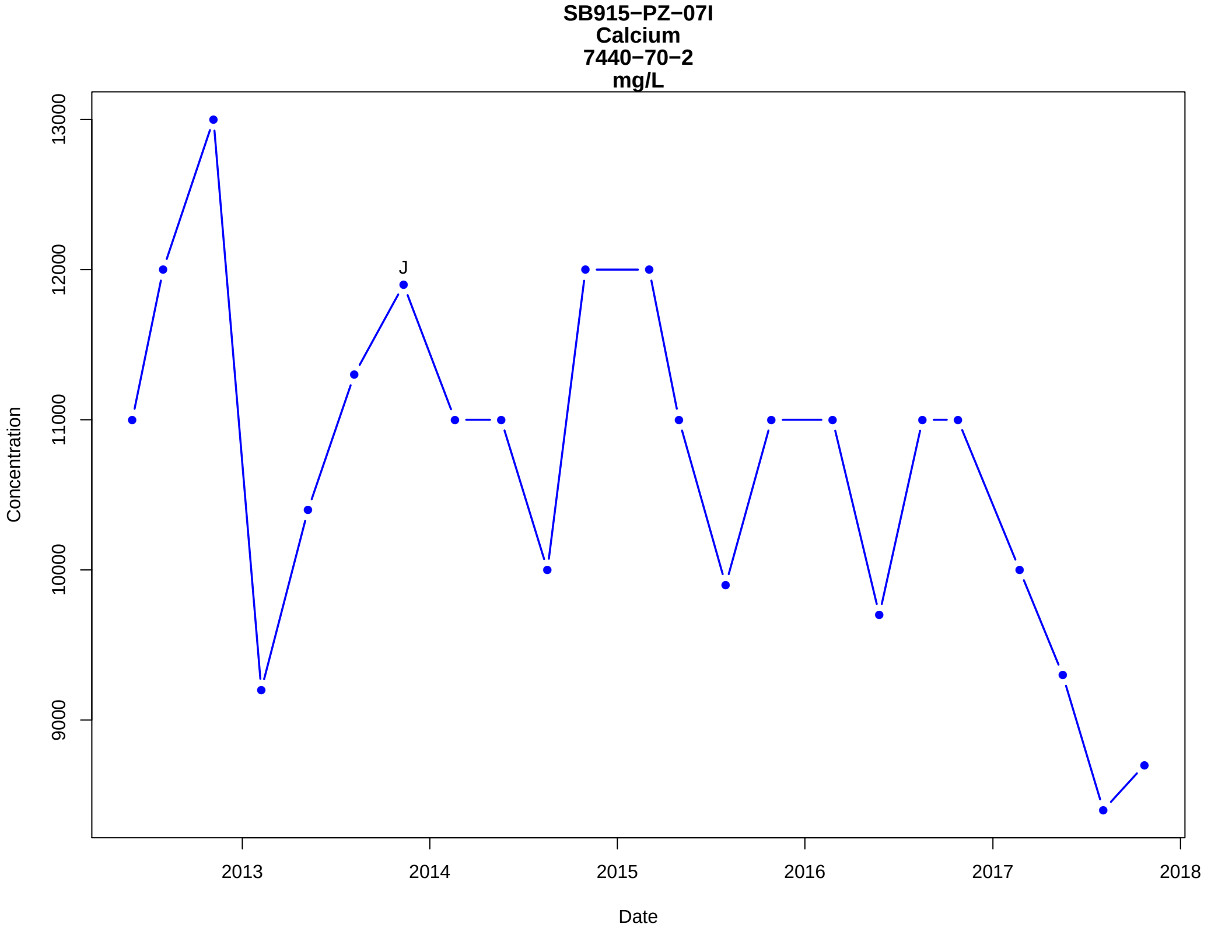

SB915−PZ−07D
Alkalinity, Carbonate
ALKC
mg/l
Concentration
100
200
300
400
500
600
J
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

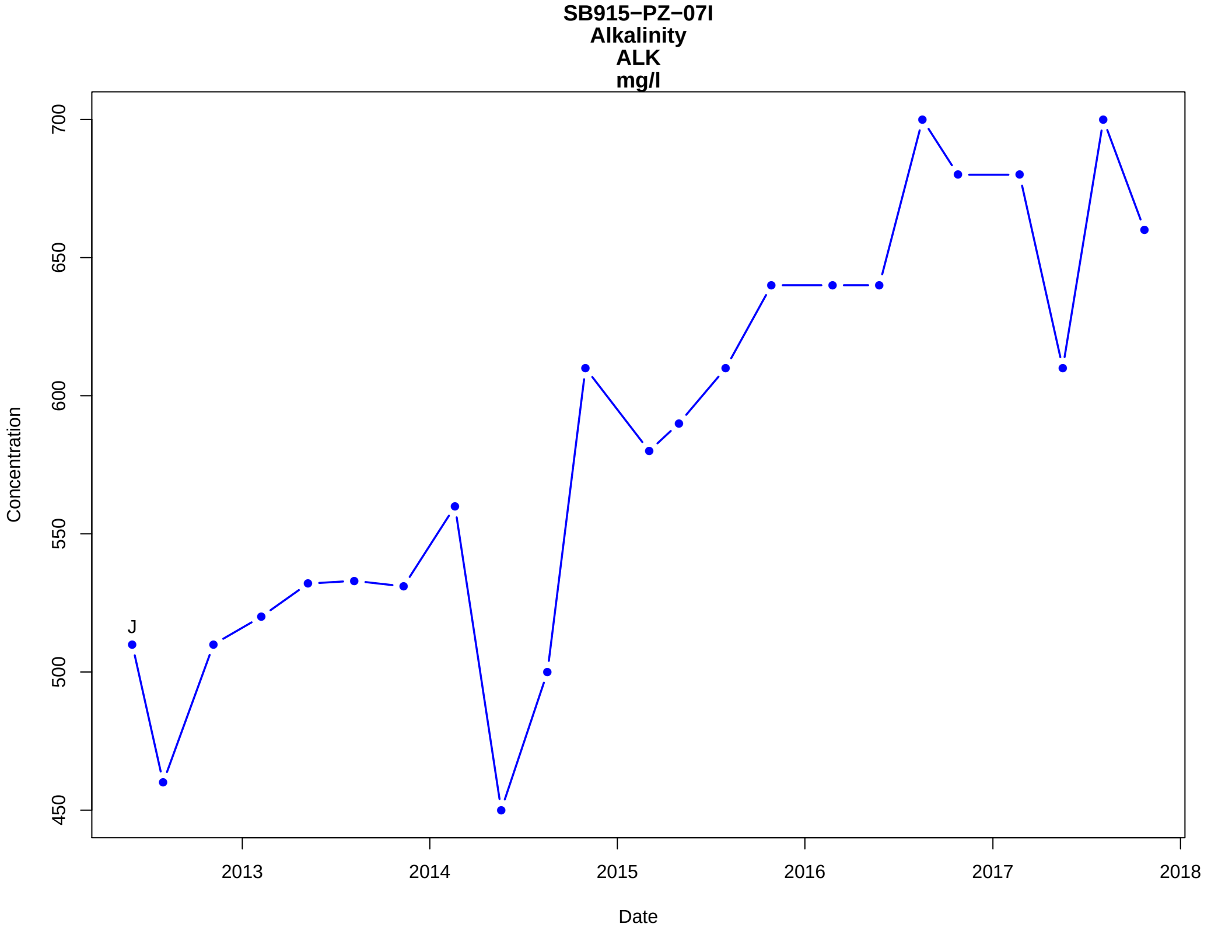

SB915−PZ−07D
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
3.0
2.5
2.0
J
J−
J
J−
J−
J−
J−
J−
J−
J
J−
J−
2013
2014
2015
2016
2017
2018
Date

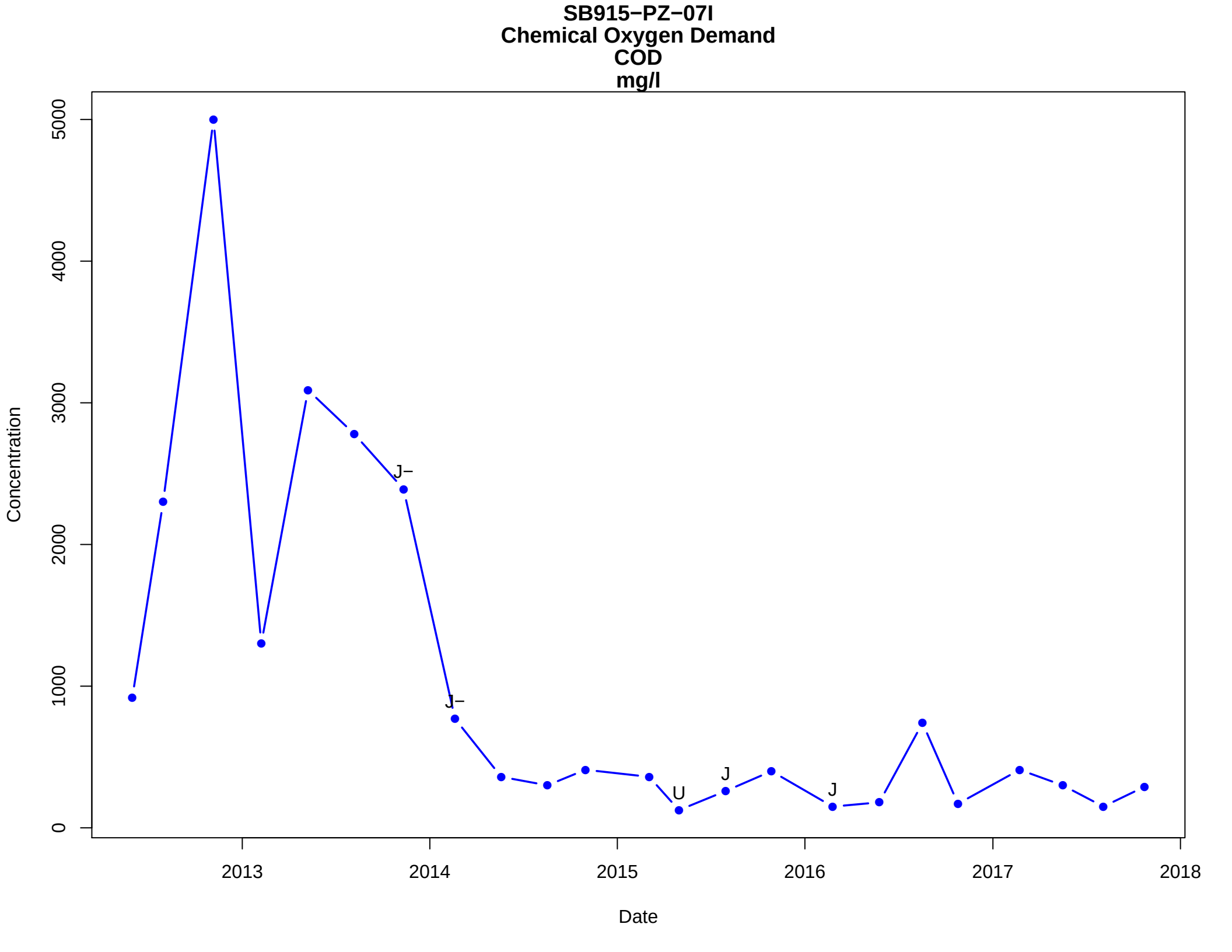

SB915−PZ−07I
Chloride
16887−00−6
mg/l
J+
Concentration
34000
32000
30000
28000
26000
24000
2013
2014
2015
2016
2017
2018
Date

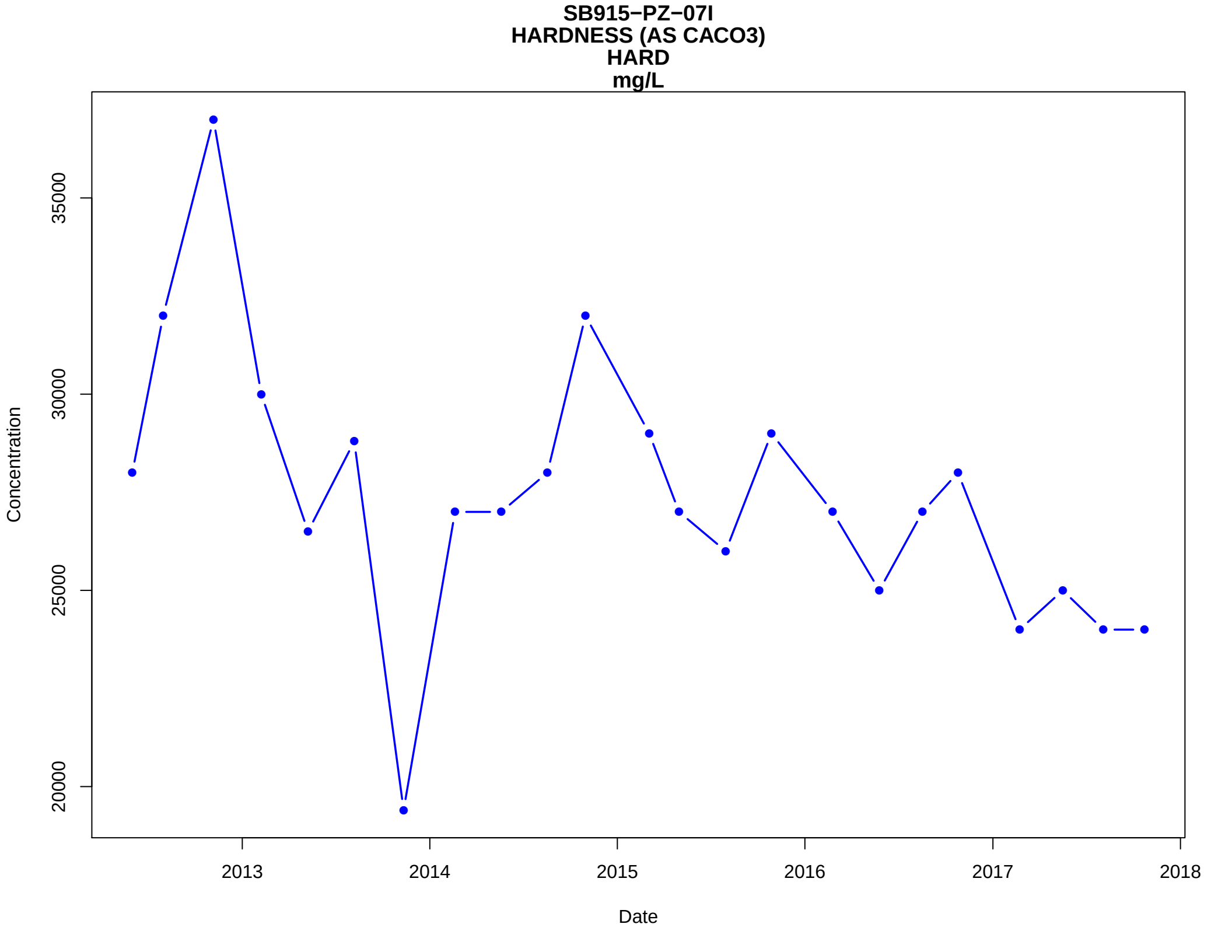

SB915−PZ−07I
Potassium
7440−09−7
mg/L
Concentration
350
300
250
200
U
J
J
J
2013
2014
2015
2016
2017
2018
Date

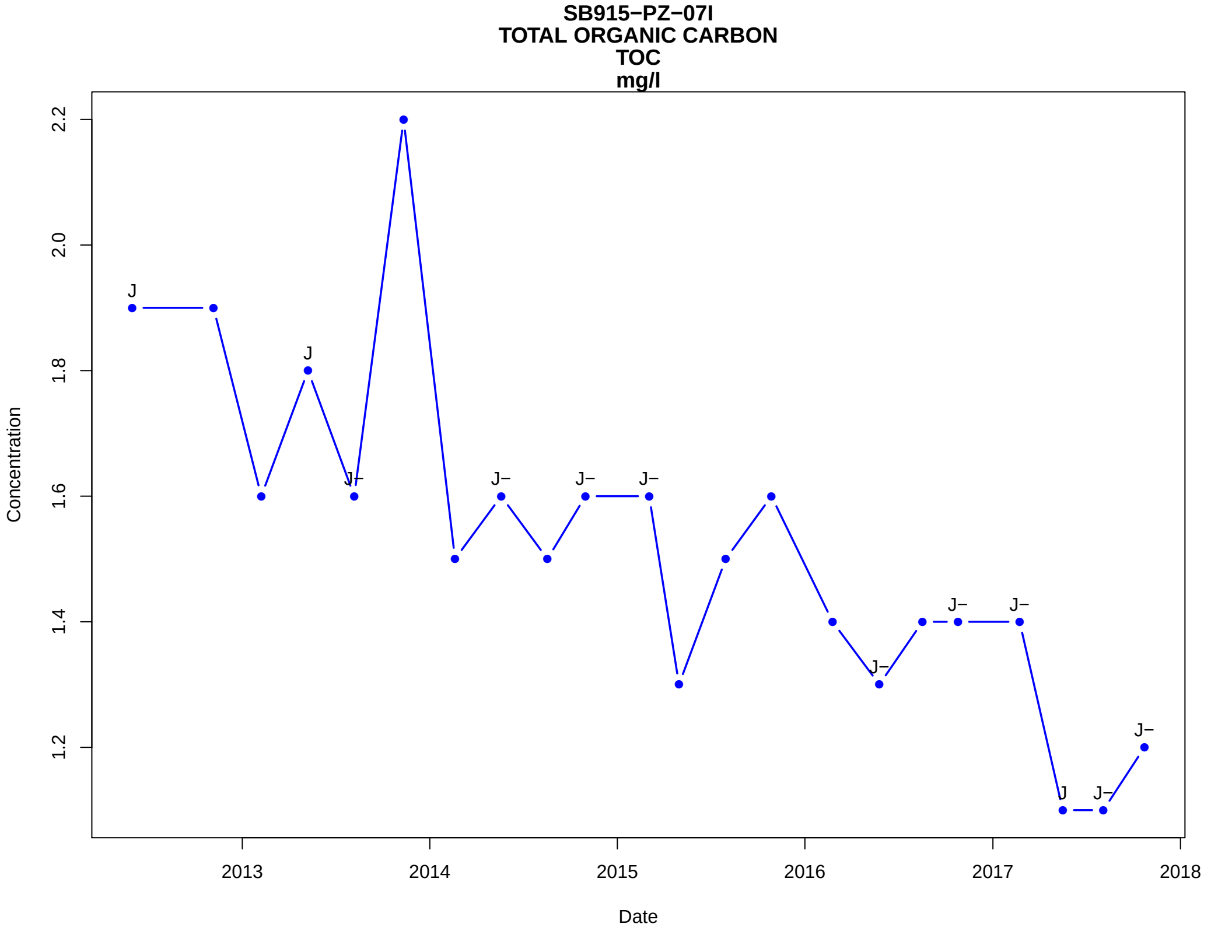

SB915−PZ−07I
Sodium
7440−23−5
mg/L
Concentration
7500
7000
6500
6000
5500
5000
4500
J
2013
2014
2015
2016
2017
2018
Date

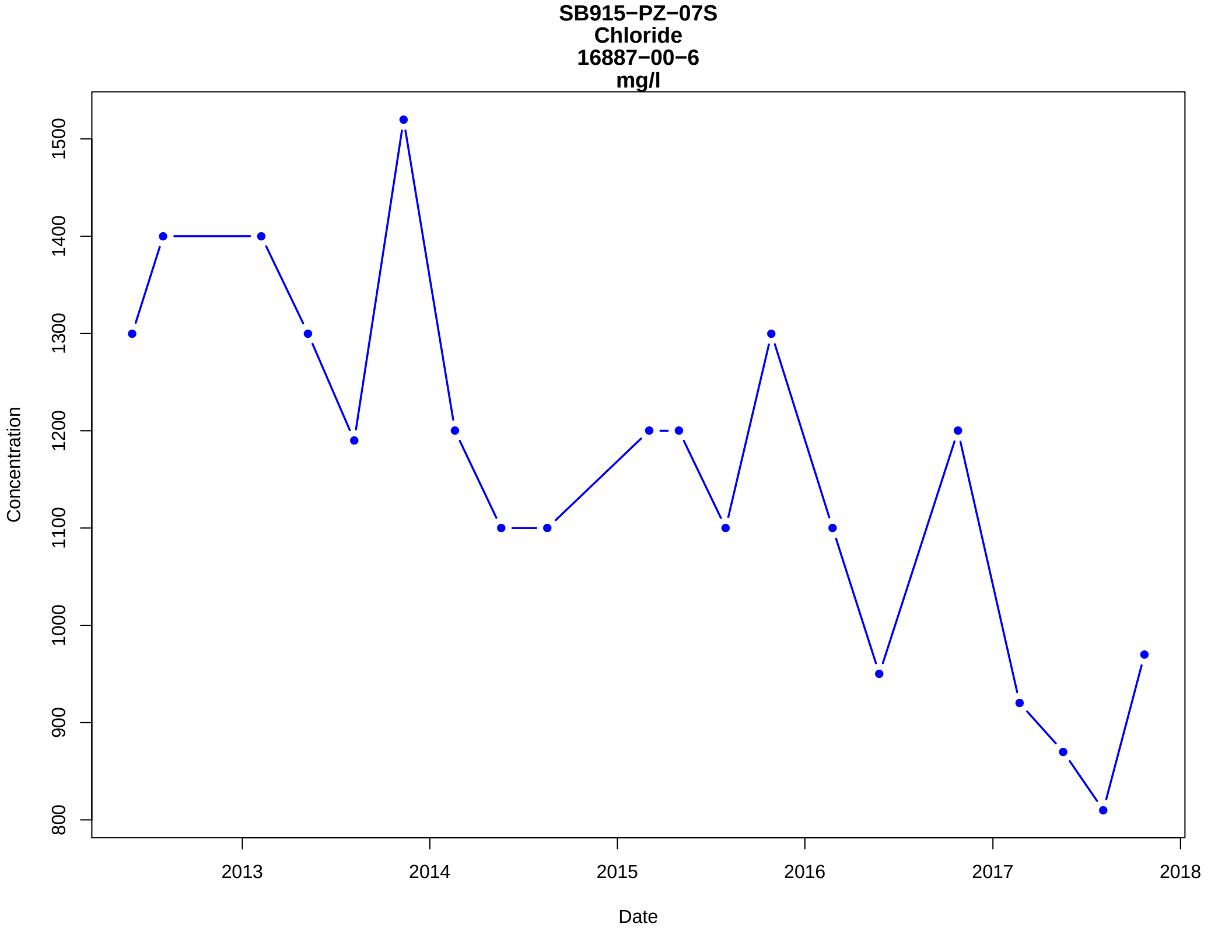

SB915−PZ−07I
Calcium
7440−70−2
mg/L
Concentration
13000
12000
11000
10000
9000
J
2013
2014
2015
2016
2017
2018
Date

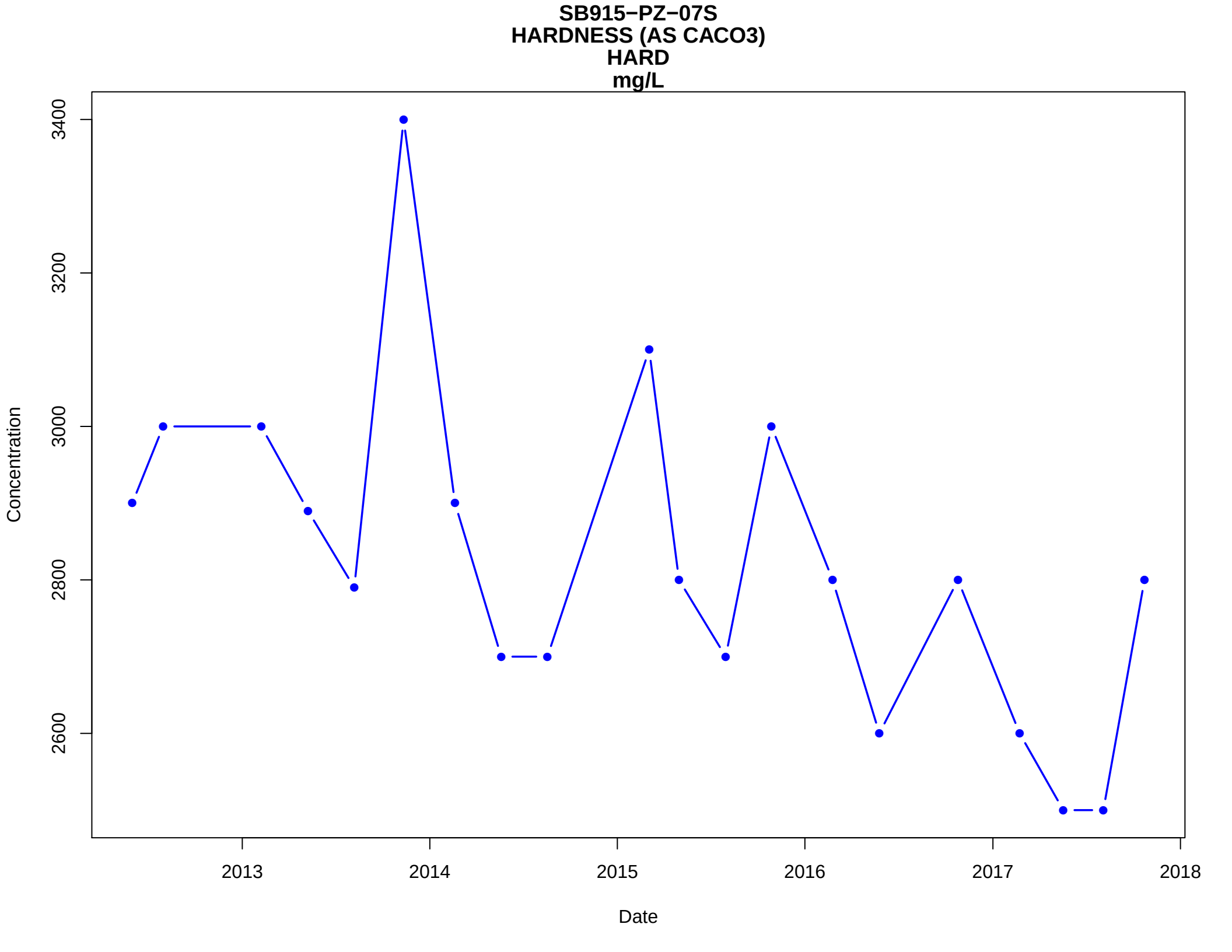

SB915−PZ−07I
Alkalinity
ALK
mg/l
Concentration
700
650
600
550
500
450
J
2013
2014
2015
2016
2017
2018
Date

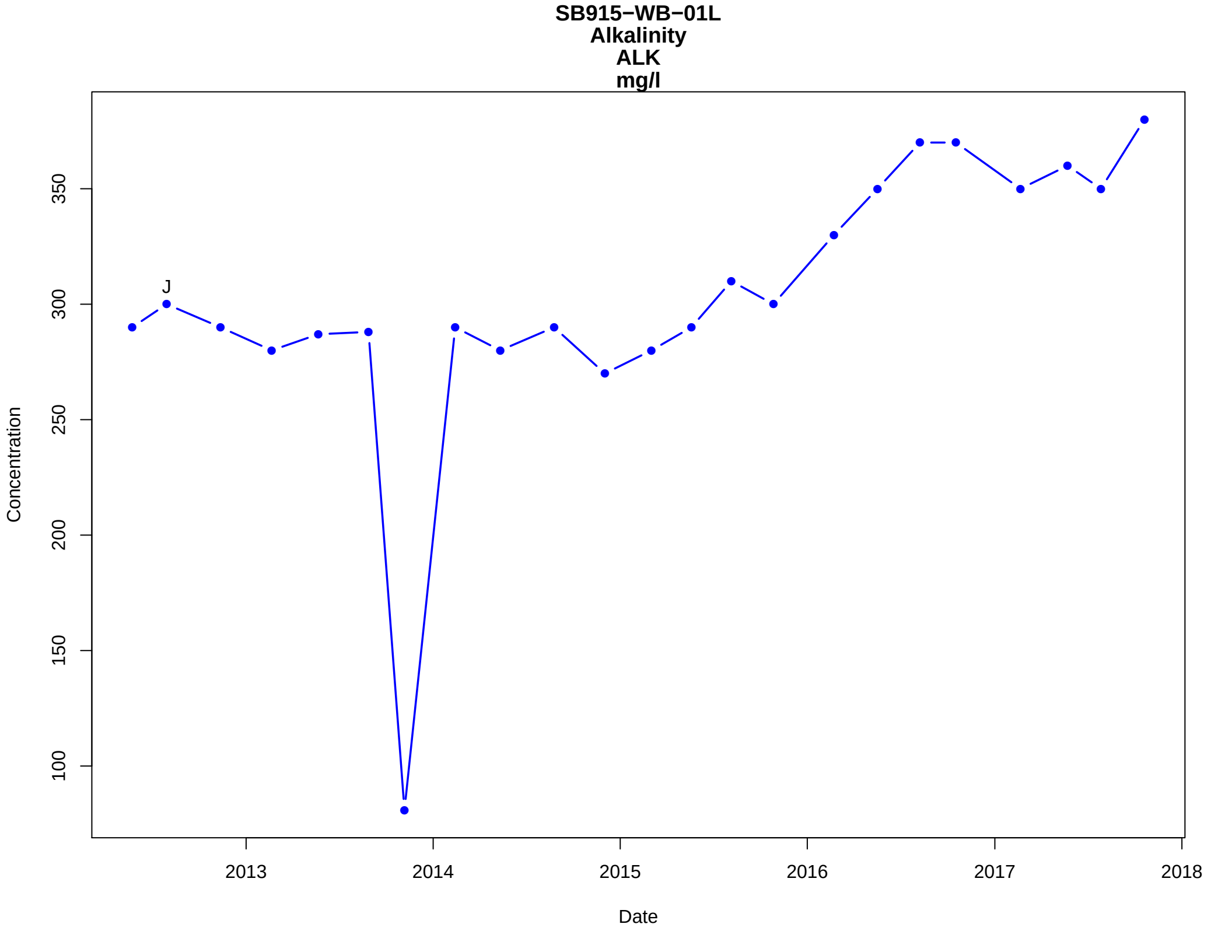

SB915−PZ−07I
Chemical Oxygen Demand
COD
mg/l
Concentration
0
1000
2000
3000
4000
5000
J−
J−
U
J
J
2013
2014
2015
2016
2017
2018
Date

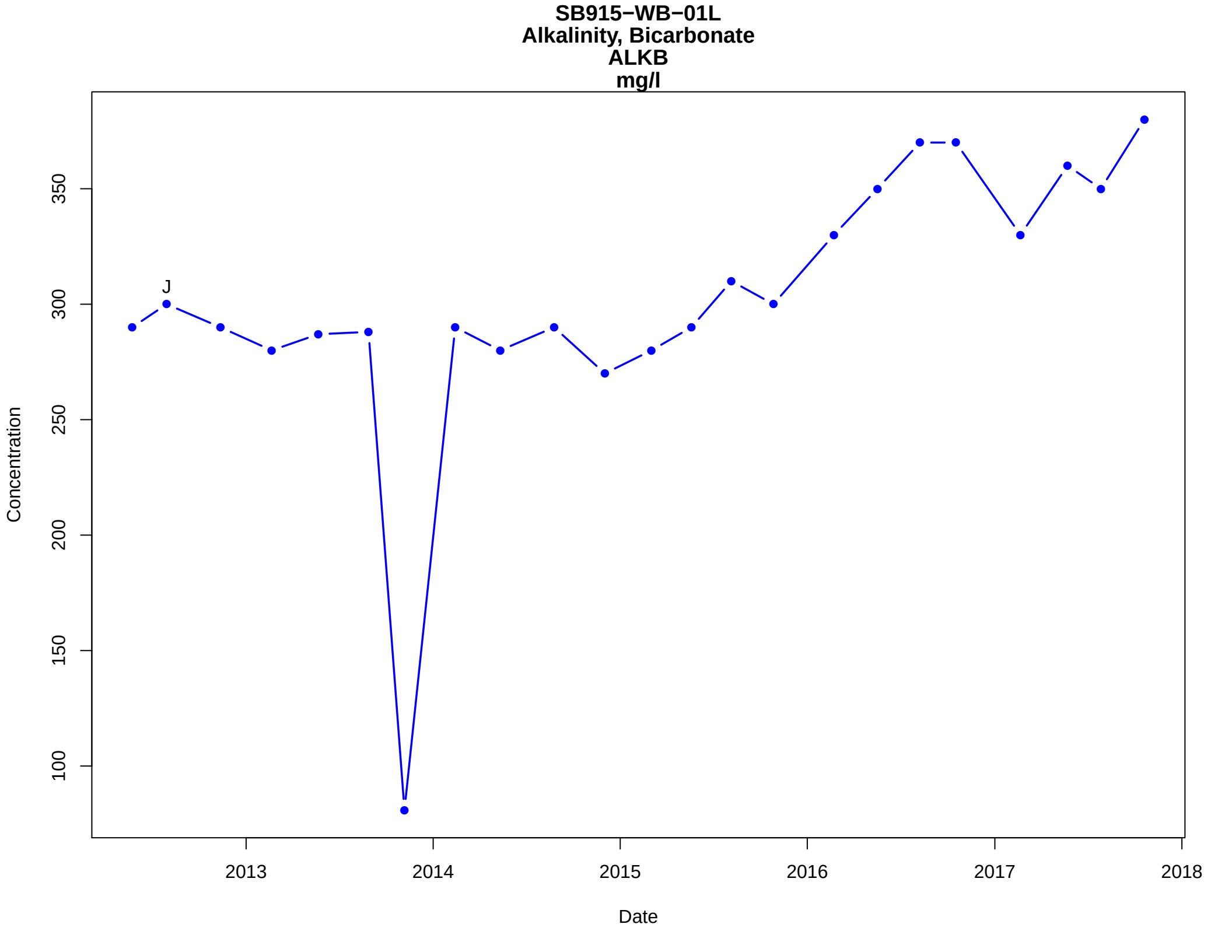

SB915−PZ−07I
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
35000
30000
25000
20000
2013
2014
2015
2016
2017
2018
Date

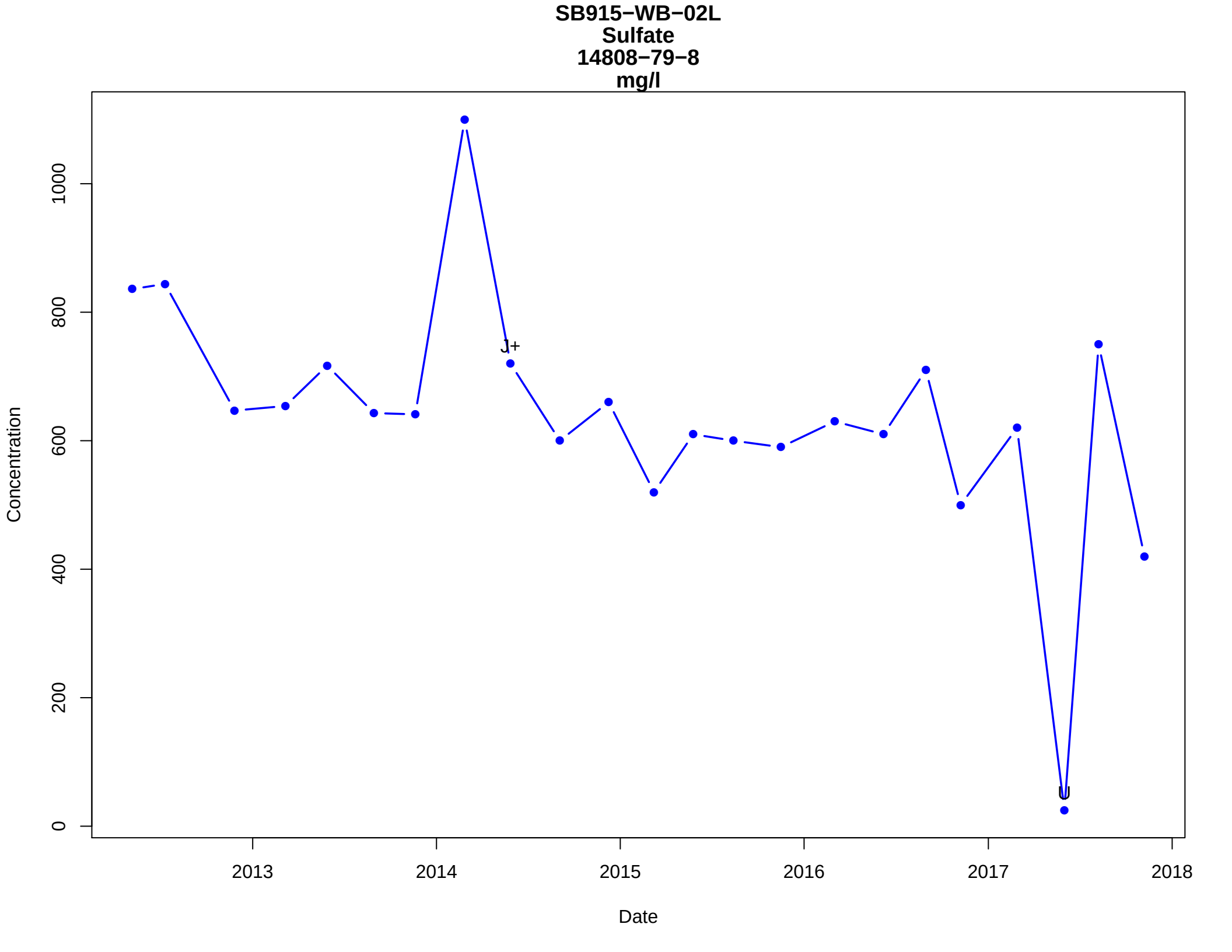

SB915−PZ−07I
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
2.2
2.0
1.8
1.6
1.4
1.2
J
J
J−
J−
J−
J−
J−
J−
J
J−
J−
2013
2014
2015
2016
2017
2018
Date

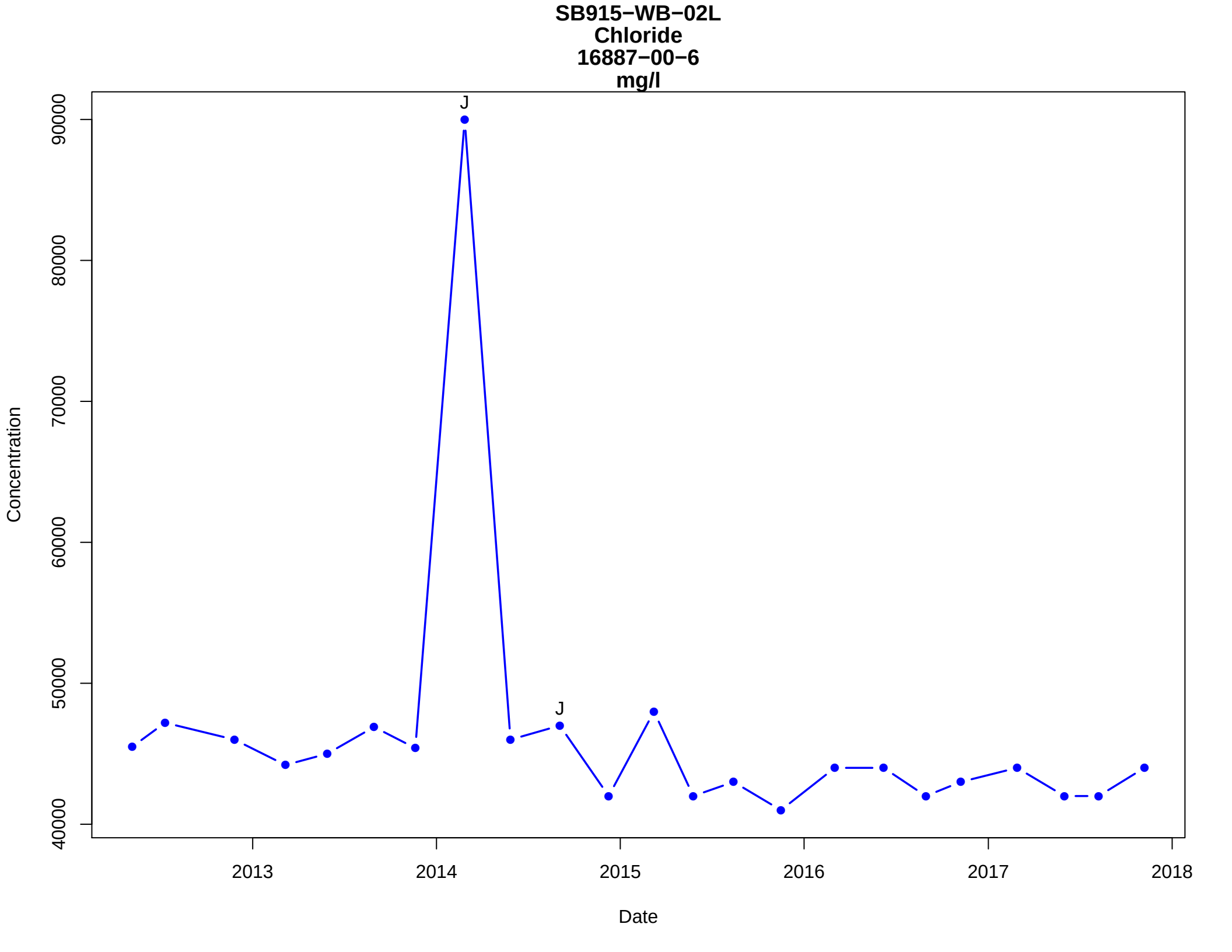

SB915−PZ−07S
Chloride
16887−00−6
mg/l
Concentration
800
900
1000
1100
1200
1300
1400
1500
2013
2014
2015
2016
2017
2018
Date

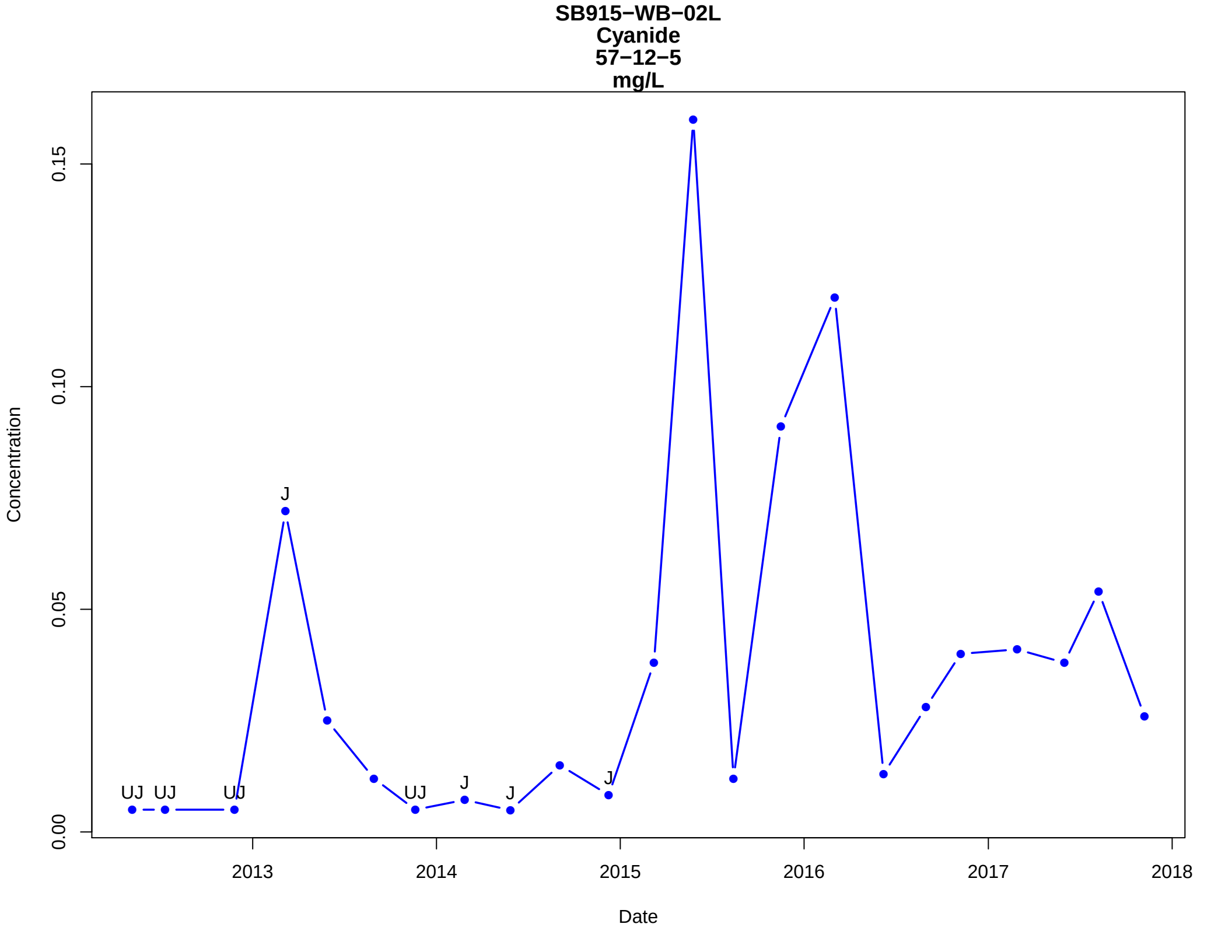

SB915−PZ−07S
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
3400
3200
3000
2800
2600
2013
2014
2015
2016
2017
2018
Date

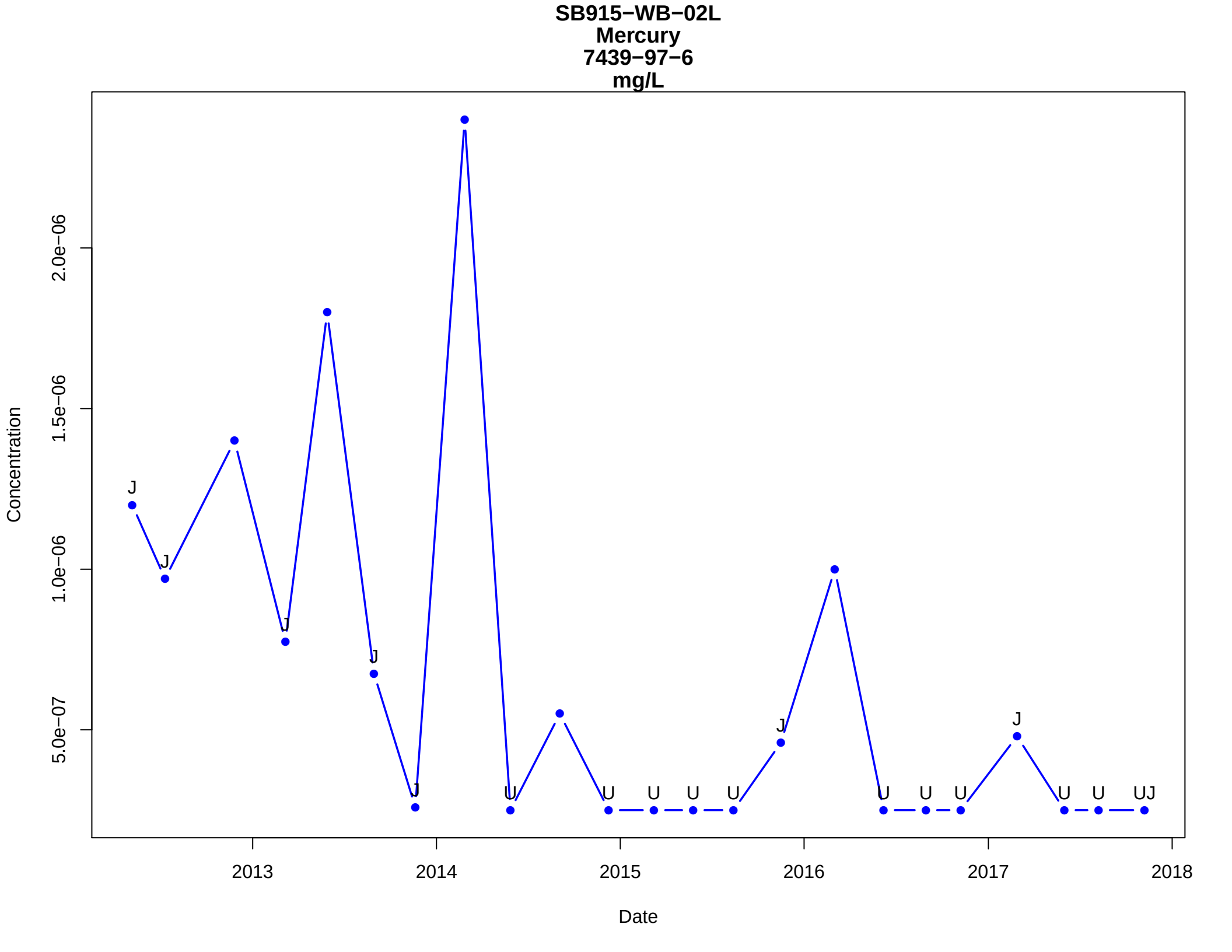

SB915−WB−01L
Alkalinity
ALK
mg/l
Concentration
100
150
200
250
300
350
J
2013
2014
2015
2016
2017
2018
Date

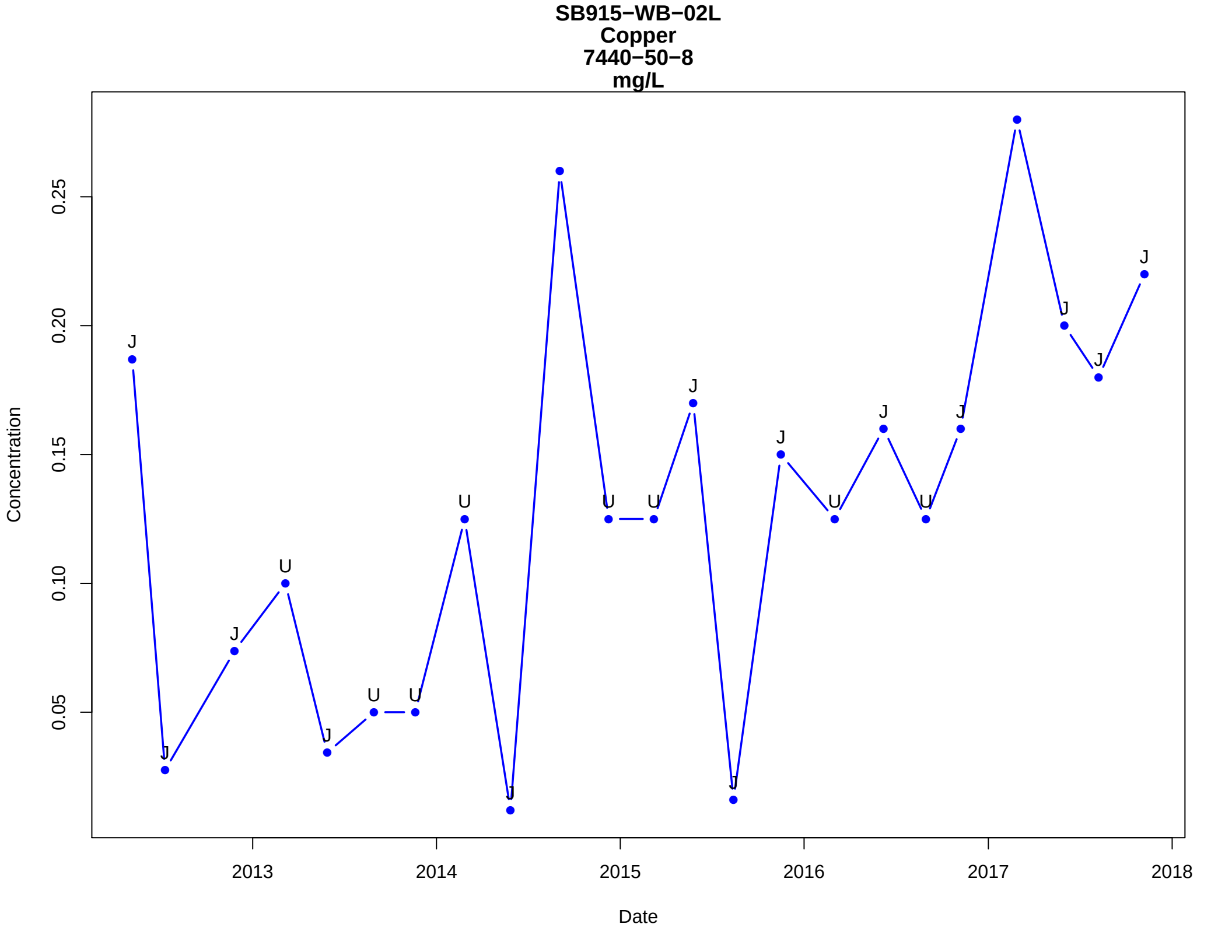

SB915−WB−01L
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
100
150
200
250
300
350
J
2013
2014
2015
2016
2017
2018
Date

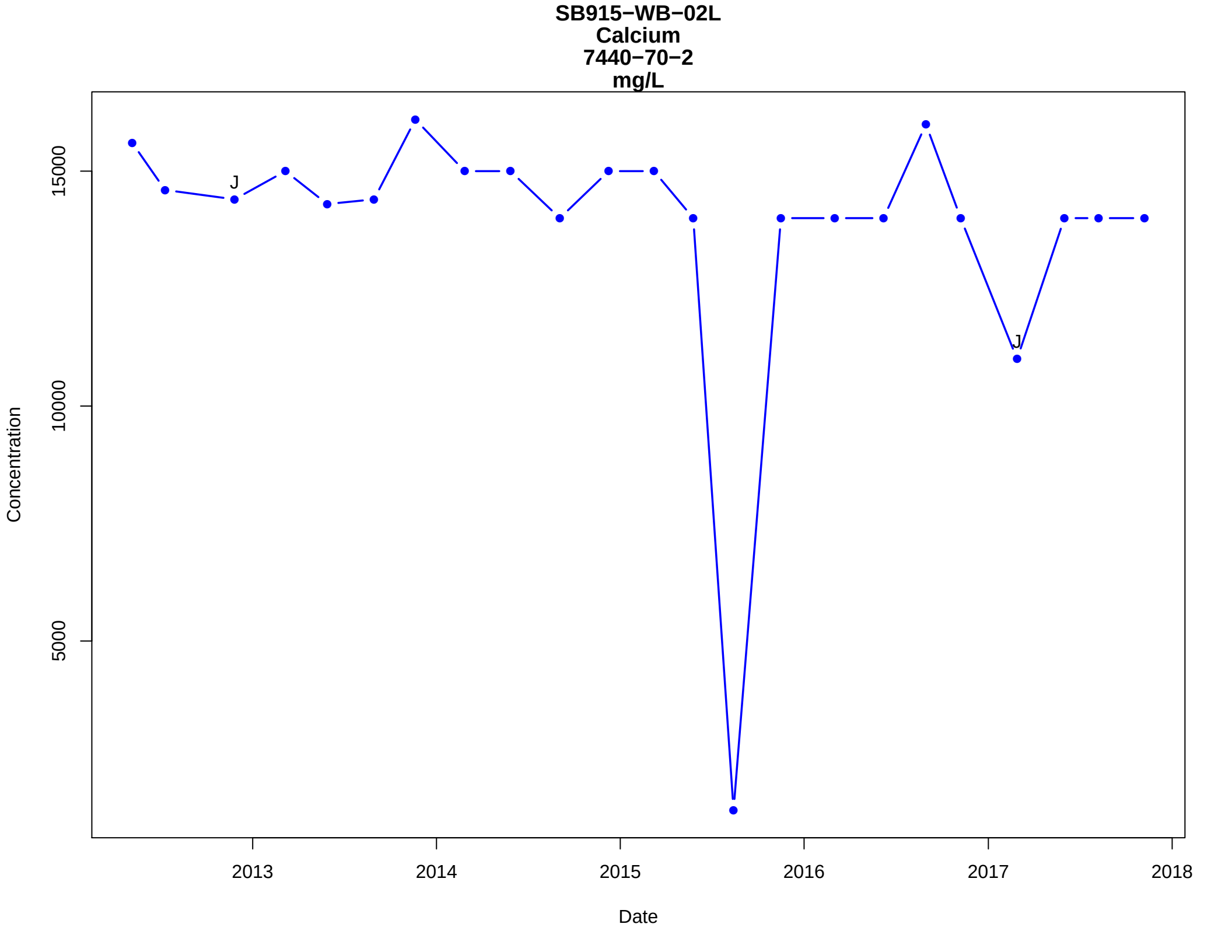

SB915−WB−02L
Sulfate
14808−79−8
mg/l
Concentration
0
200
400
600
800
1000
J+
U
2013
2014
2015
2016
2017
2018
Date

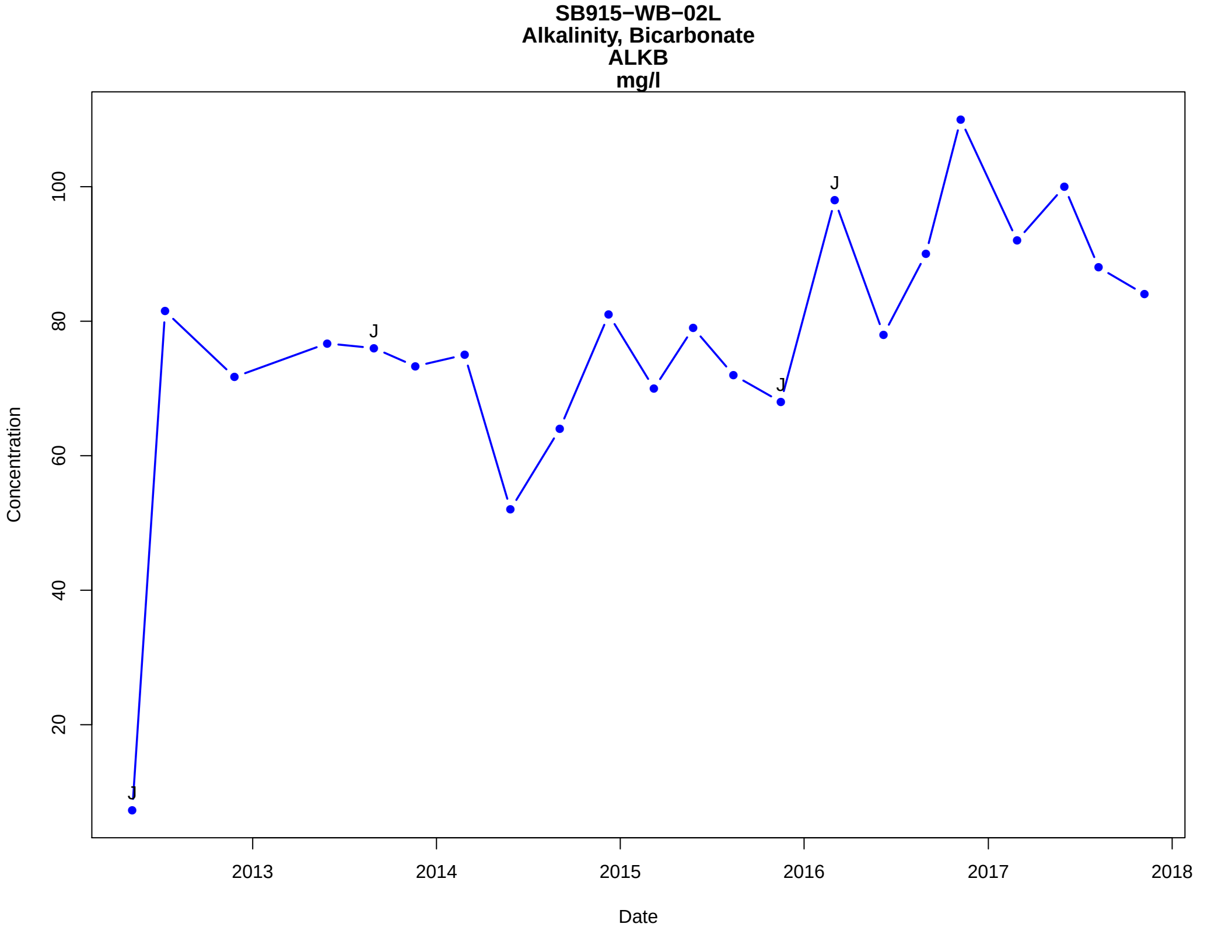

SB915−WB−02L
Chloride
16887−00−6
mg/l
Concentration
90000
80000
70000
60000
50000
40000
J
J
2013
2014
2015
2016
2017
2018
Date

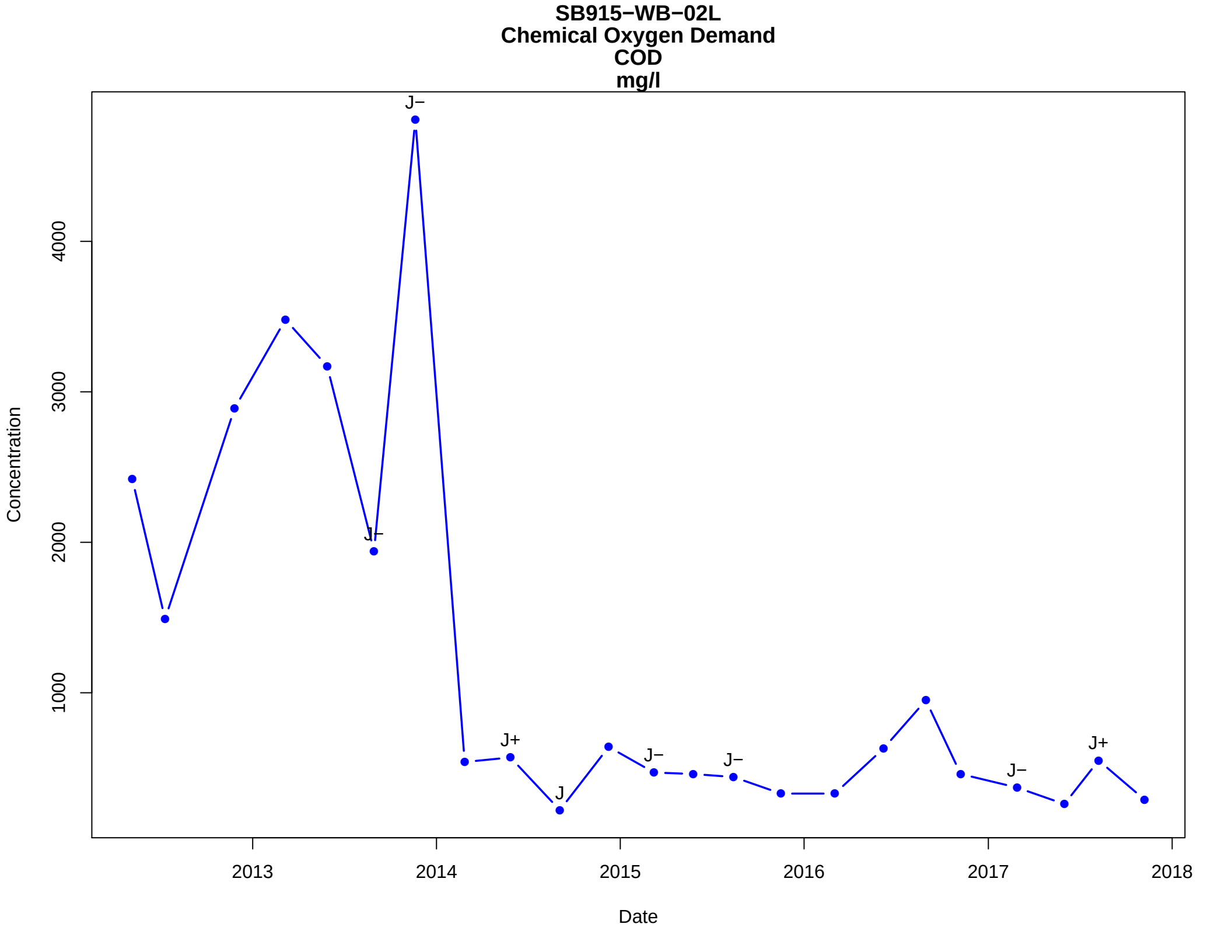

SB915−WB−02L
Cyanide
57−12−5
mg/L
Concentration
0.00
0.05
0.10
0.15
UJ
UJ
UJ
J
UJ
J
J
J
2013
2014
2015
2016
2017
2018
Date

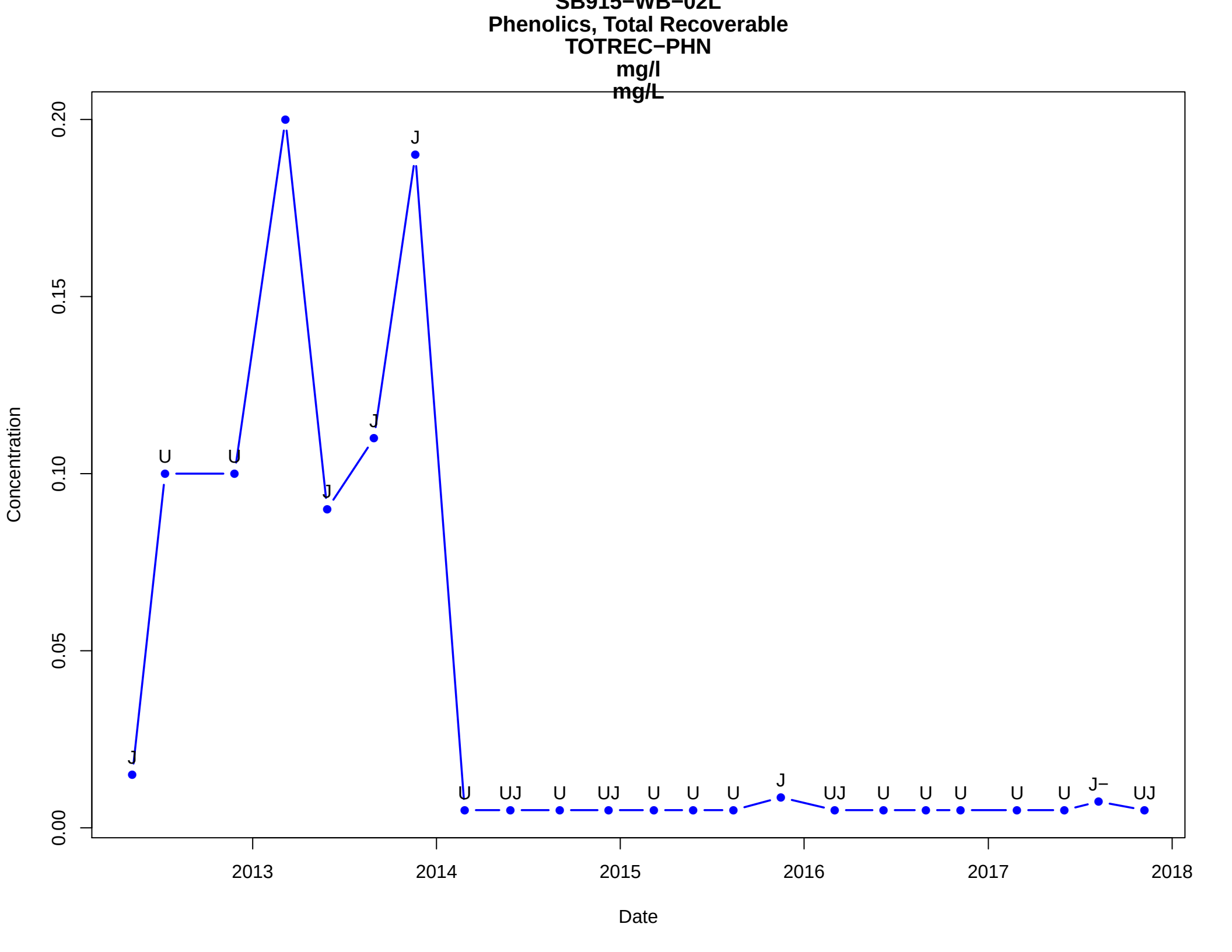

SB915−WB−02L
Mercury
7439−97−6
mg/L
Concentration
5.0e−07
1.0e−06
1.5e−06
2.0e−06
2013
2014
2015
2016
2017
2018
Date
J
J
J
J
J
U
U
U
U
U
J
U
U
U
J
U
U
UJ

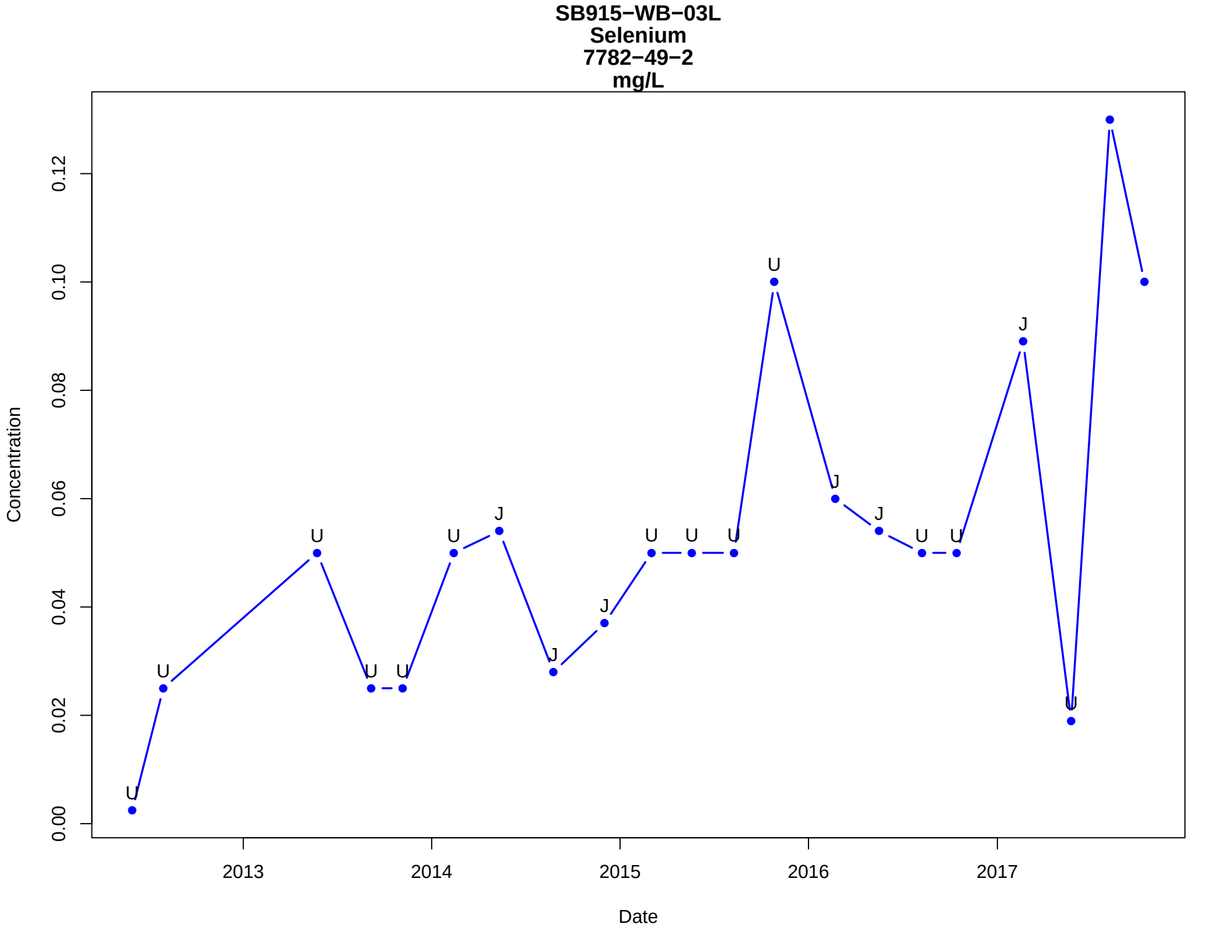

SB915−WB−02L
Copper
7440−50−8
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
J
J
J
U
J
U
U
U
J
U
U
J
J
U
J
J
J
J
J

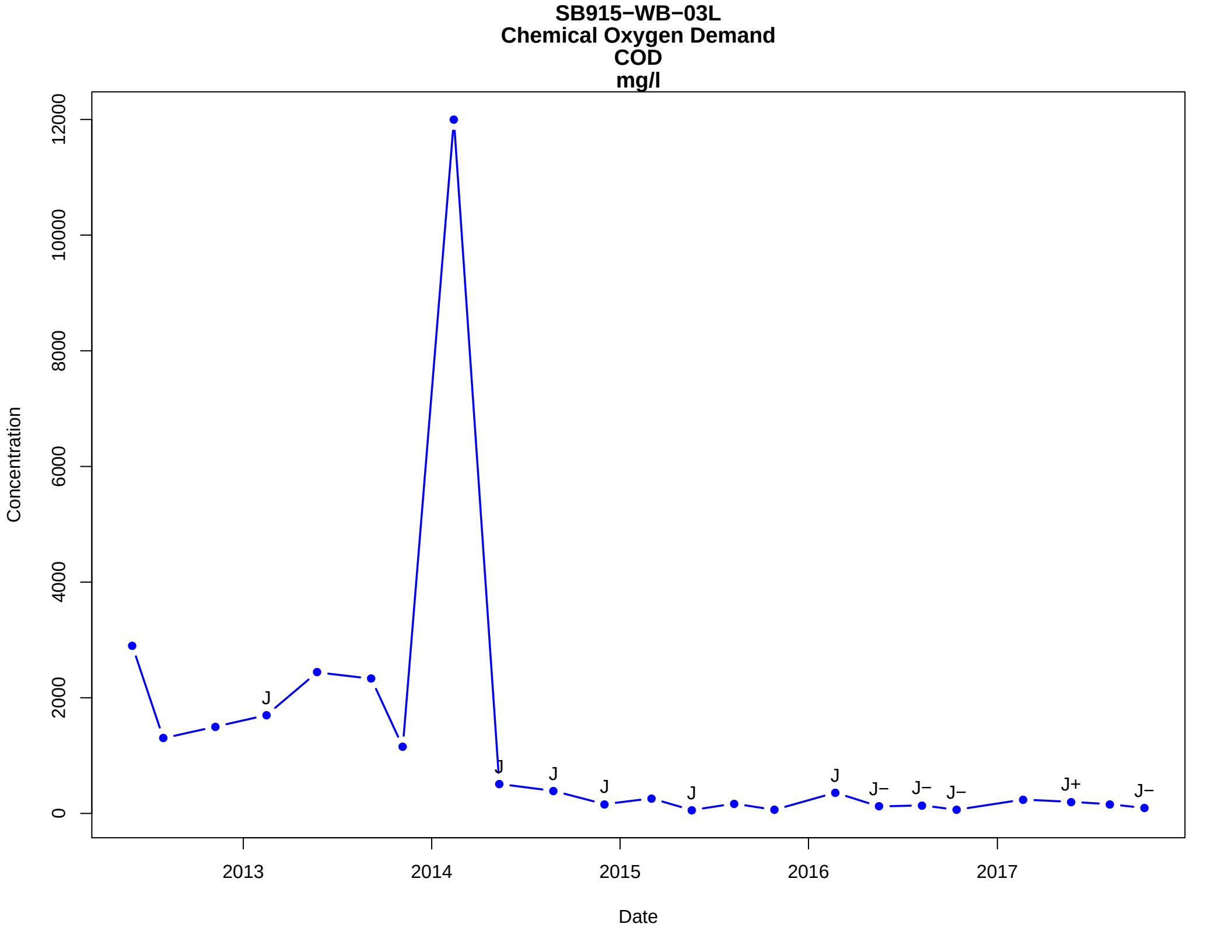

SB915−WB−02L
Calcium
7440−70−2
mg/L
15000
10000
5000
Concentration
J
J
2013
2014
2015
2016
2017
2018
Date

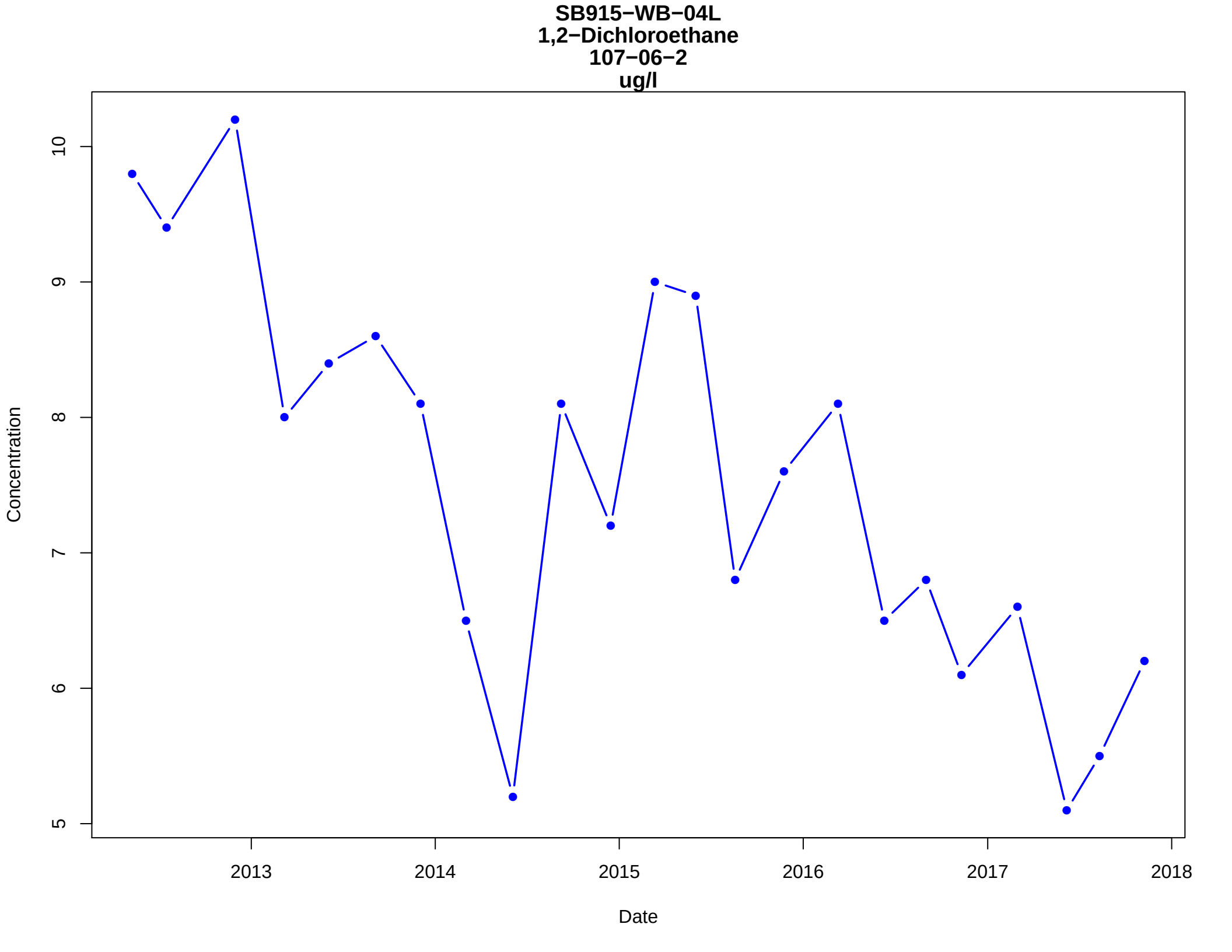

SB915−WB−02L
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
20
40
60
80
100
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

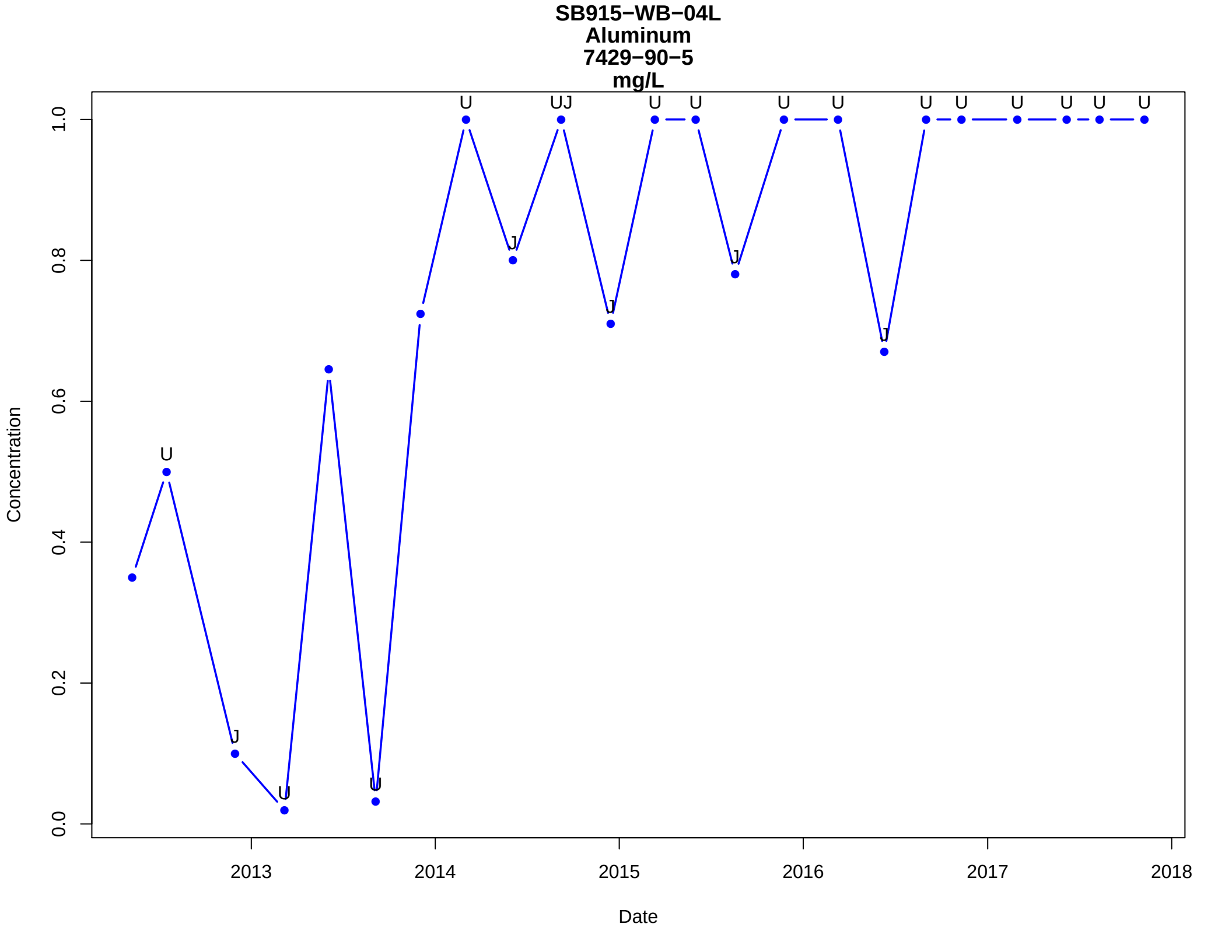

SB915−WB−02L
Chemical Oxygen Demand
COD
mg/l
Concentration
1000
2000
3000
4000
J−
J−
J+
J
J−
J−
J−
J+
2013
2014
2015
2016
2017
2018
Date

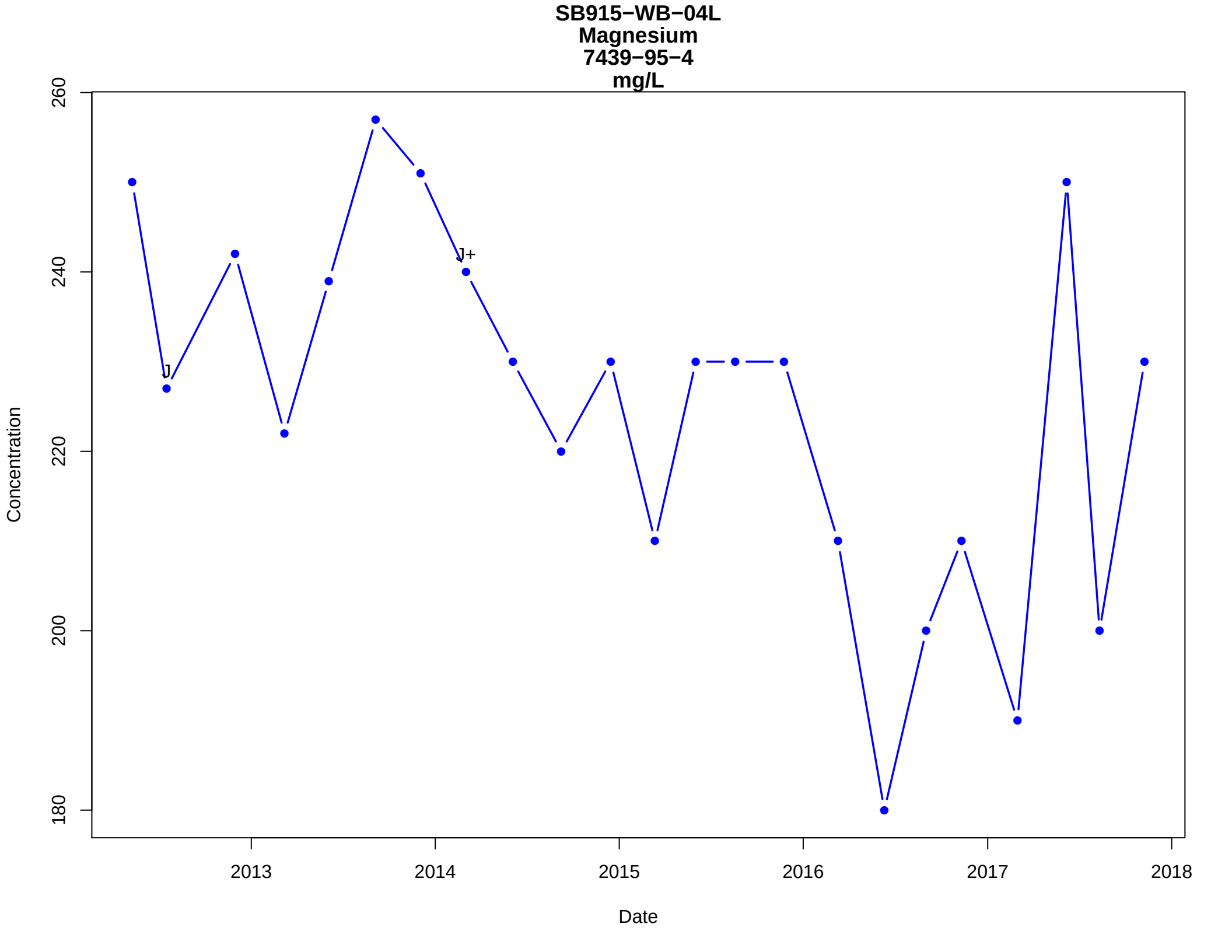

SB915−WB−02L
Phenolics, Total Recoverable
TOTREC−PHN
mg/l
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
J
U
U
J
J
U
UJ
U
UJ
U
U
U
J
UJ
U
U
U
U
U
J−
UJ
2013
2014
2015
2016
2017
2018
Date

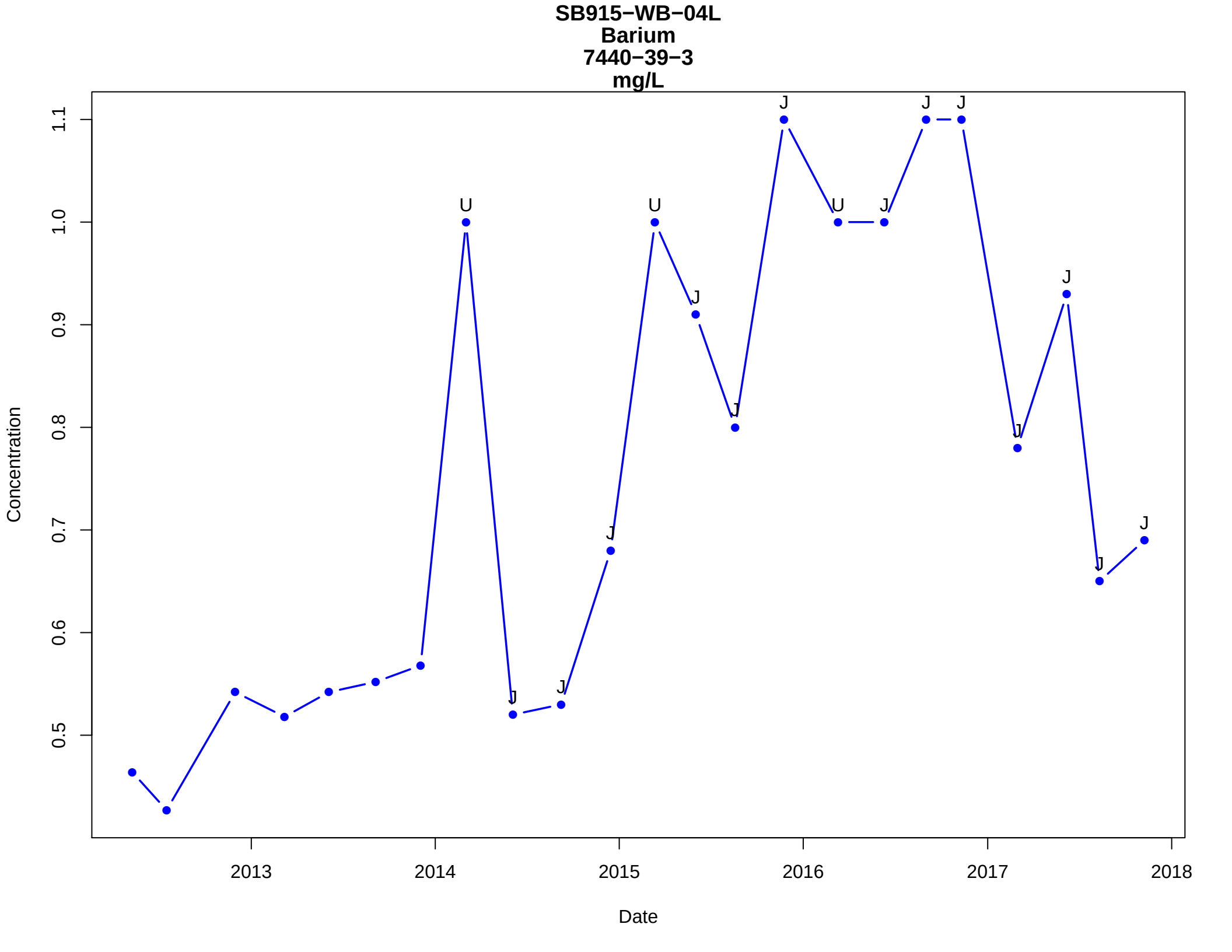

SB915−WB−03L
Selenium
7782−49−2
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
0.10
0.12
2013
2014
2015
2016
2017
Date
U
U
U
U
U
U
J
U
J
U
U
U
J
J
U
U
J
U

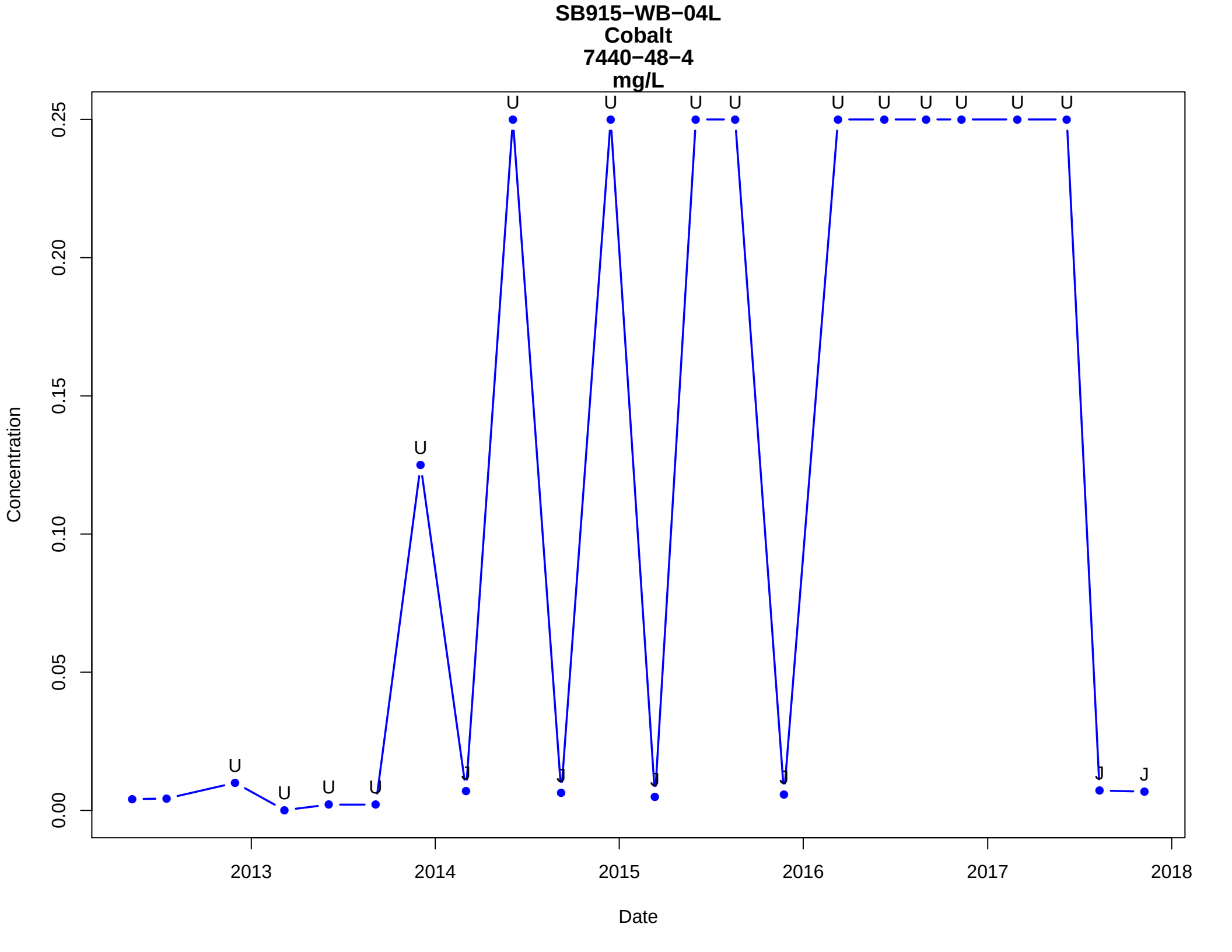

SB915−WB−03L
Chemical Oxygen Demand
COD
mg/l
Concentration
0
2000
4000
6000
8000
10000
12000
J
J
J
J
J
J
J
J−
J−
J−
J+
J−
2013
2014
2015
2016
2017
Date

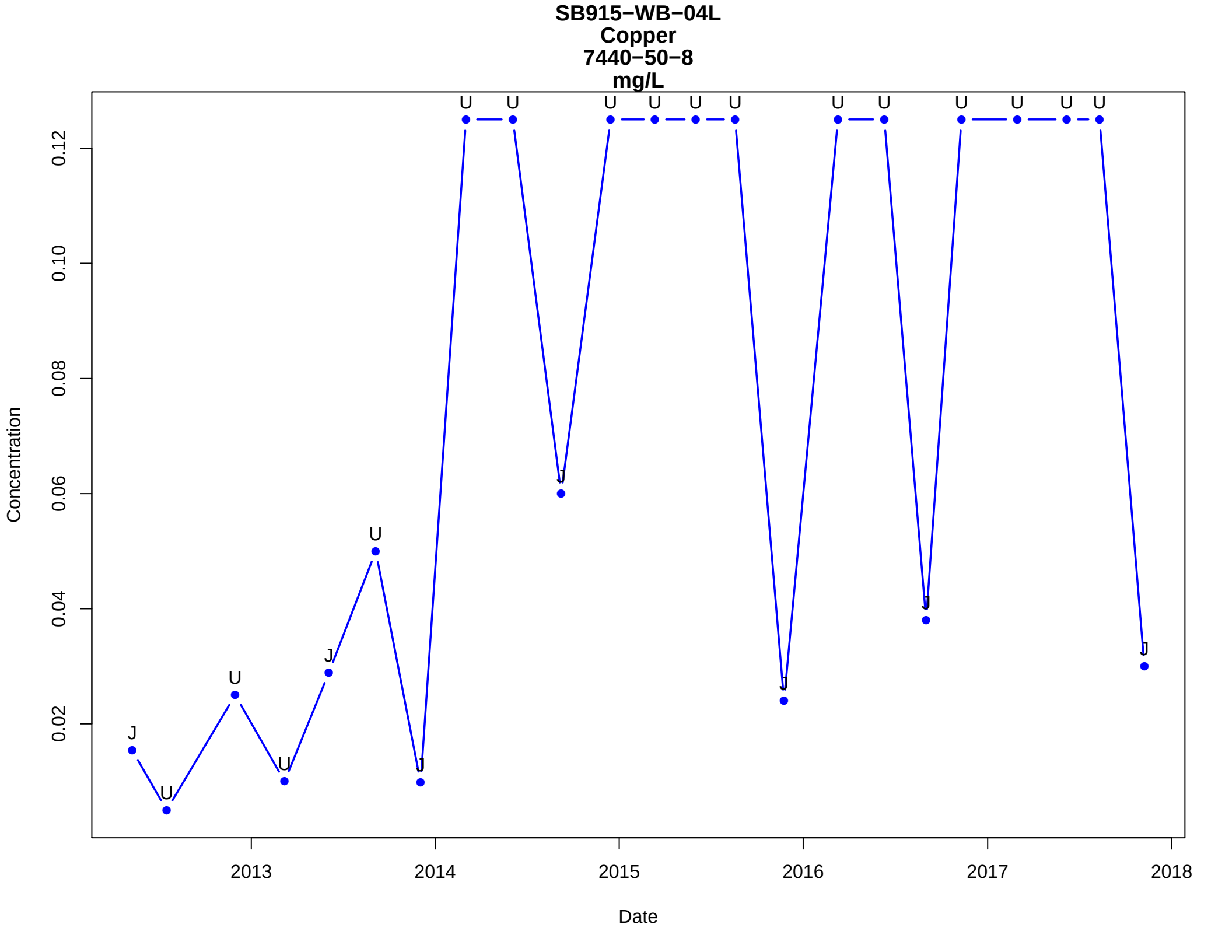

SB915−WB−04L
1,2−Dichloroethane
107−06−2
ug/l
Concentration
5
6
7
8
9
10
2013
2014
2015
2016
2017
2018
Date

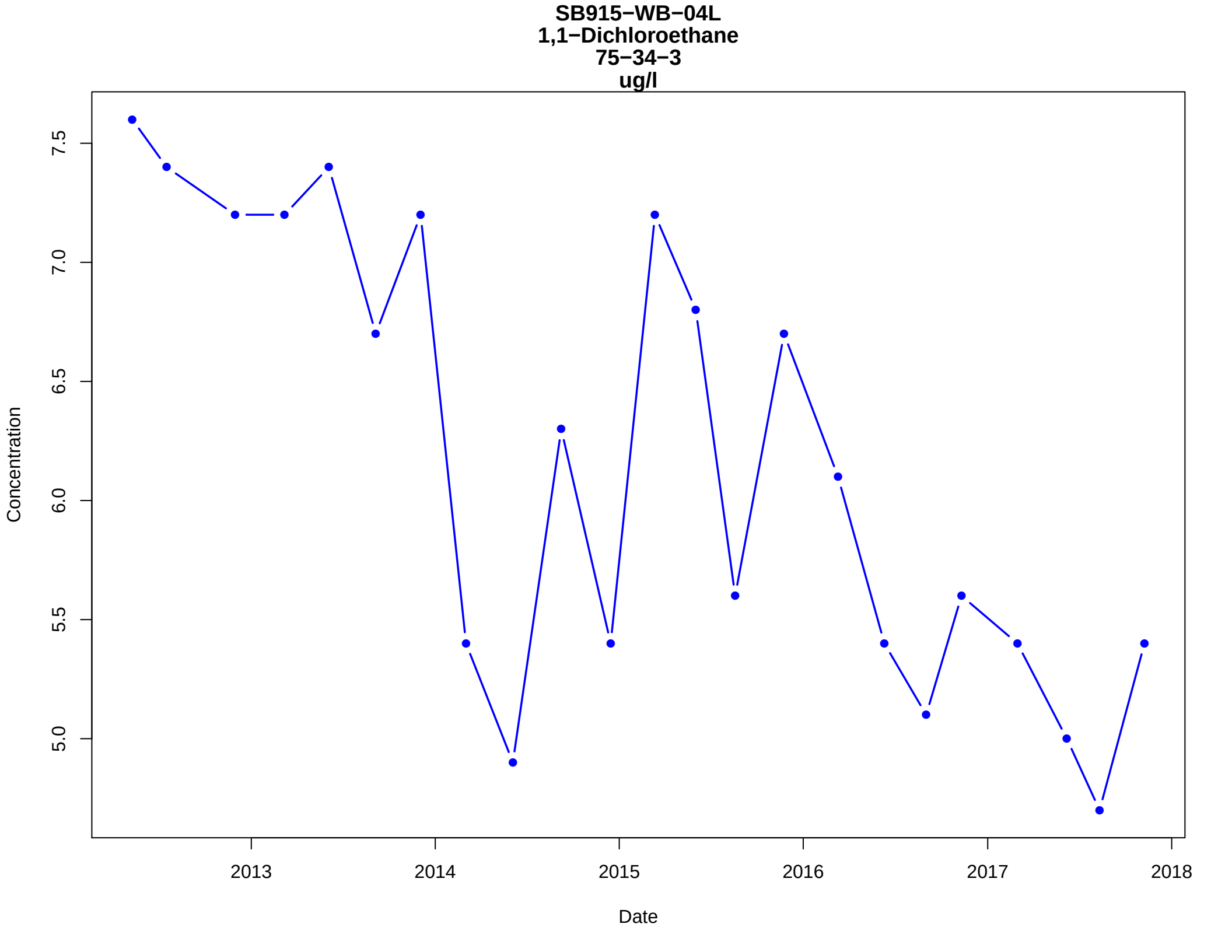

SB915−WB−04L
Aluminum
7429−90−5
mg/L
Concentration
0.0
0.2
0.4
0.6
0.8
1.0
U
U
J
U
U
J
U
U
J
U
U
J
U
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
2018
Date

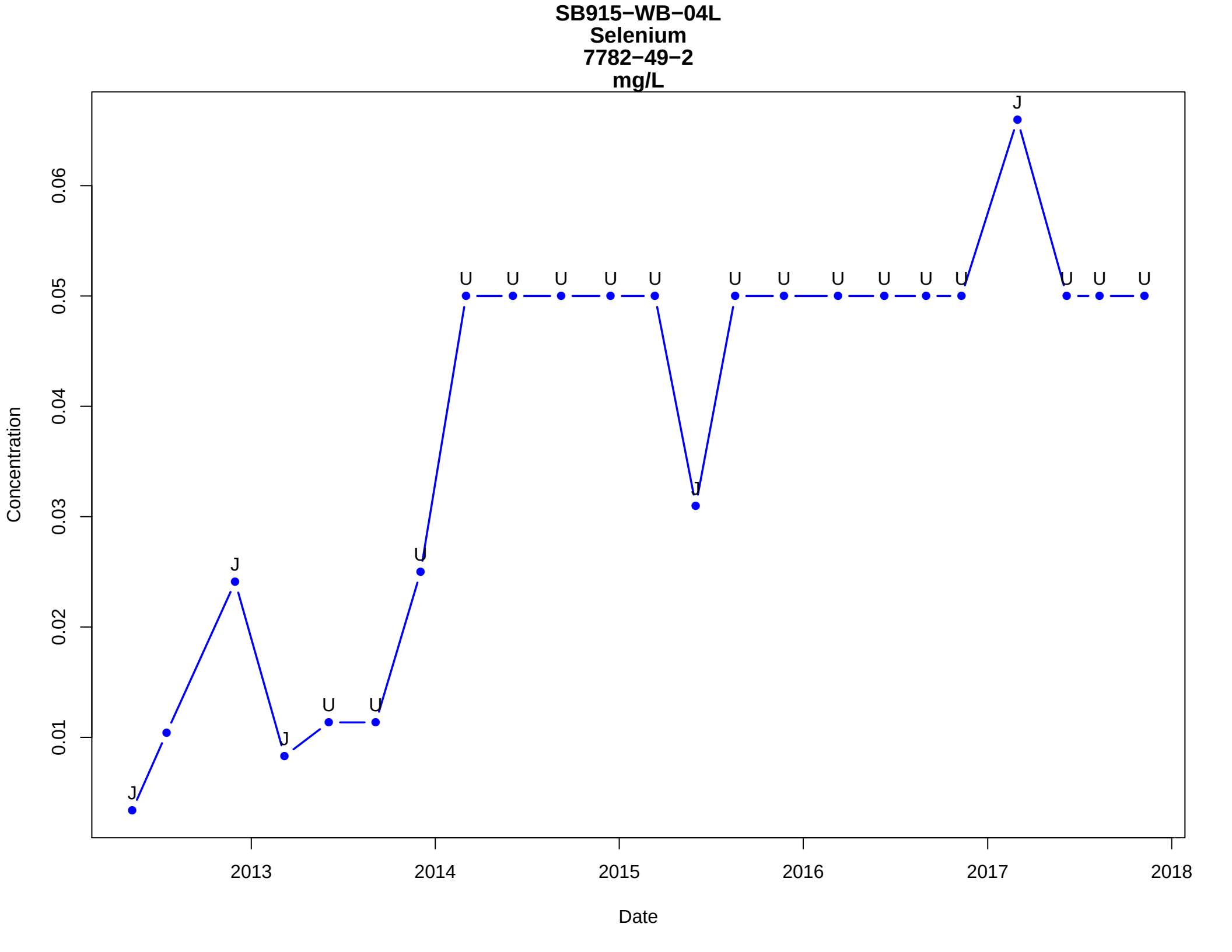

SB915−WB−04L
Magnesium
7439−95−4
mg/L
Concentration
260
240
220
200
180
J
J+
2013
2014
2015
2016
2017
2018
Date

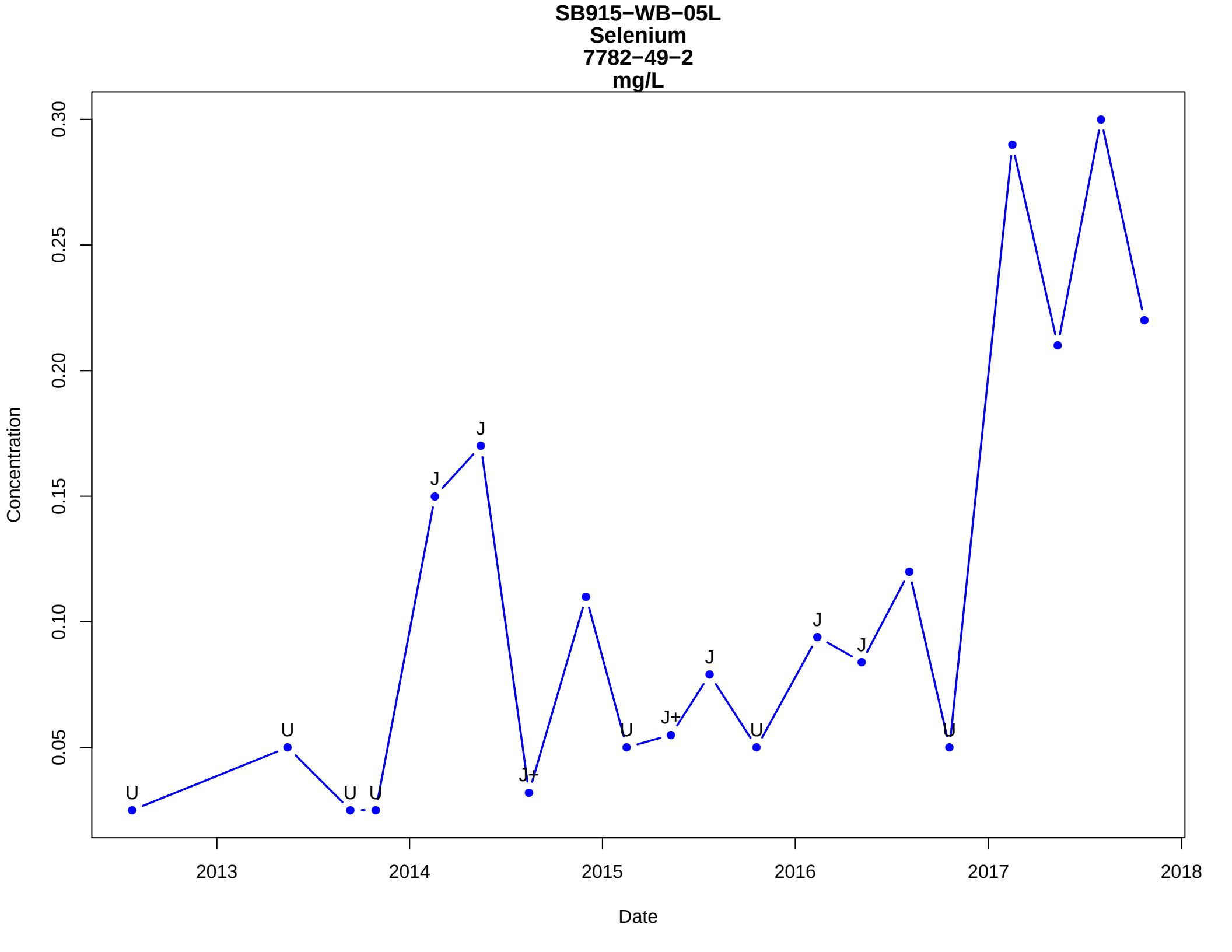

SB915−WB−04L
Barium
7440−39−3
mg/L
Concentration
Date
0.5
0.6
0.7
0.8
0.9
1.0
1.1
2013
2014
2015
2016
2017
2018
U
U
U
J
J
J
J
J
J
J
J
J
J
J
J

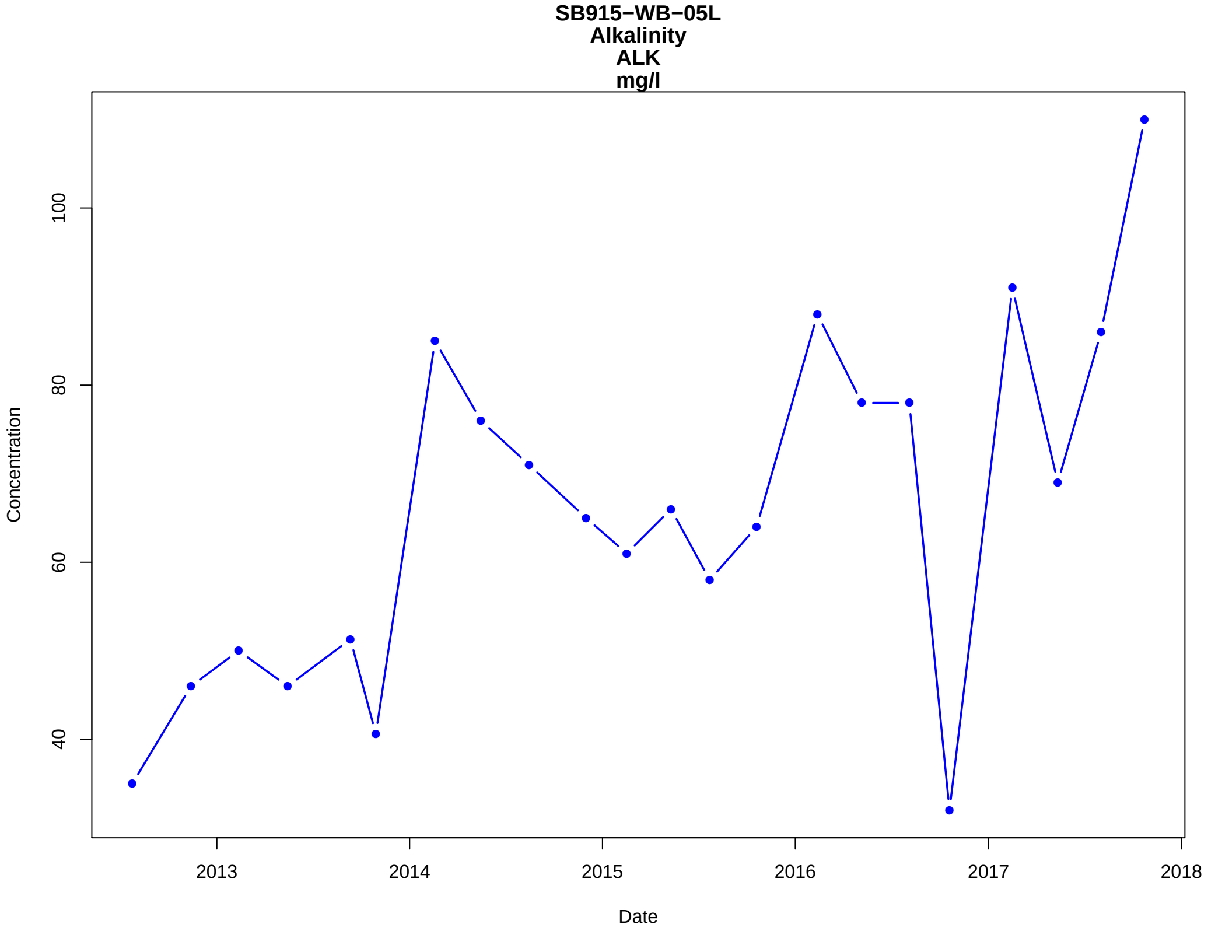

SB915−WB−04L
Cobalt
7440−48−4
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
2018
Date
U
J

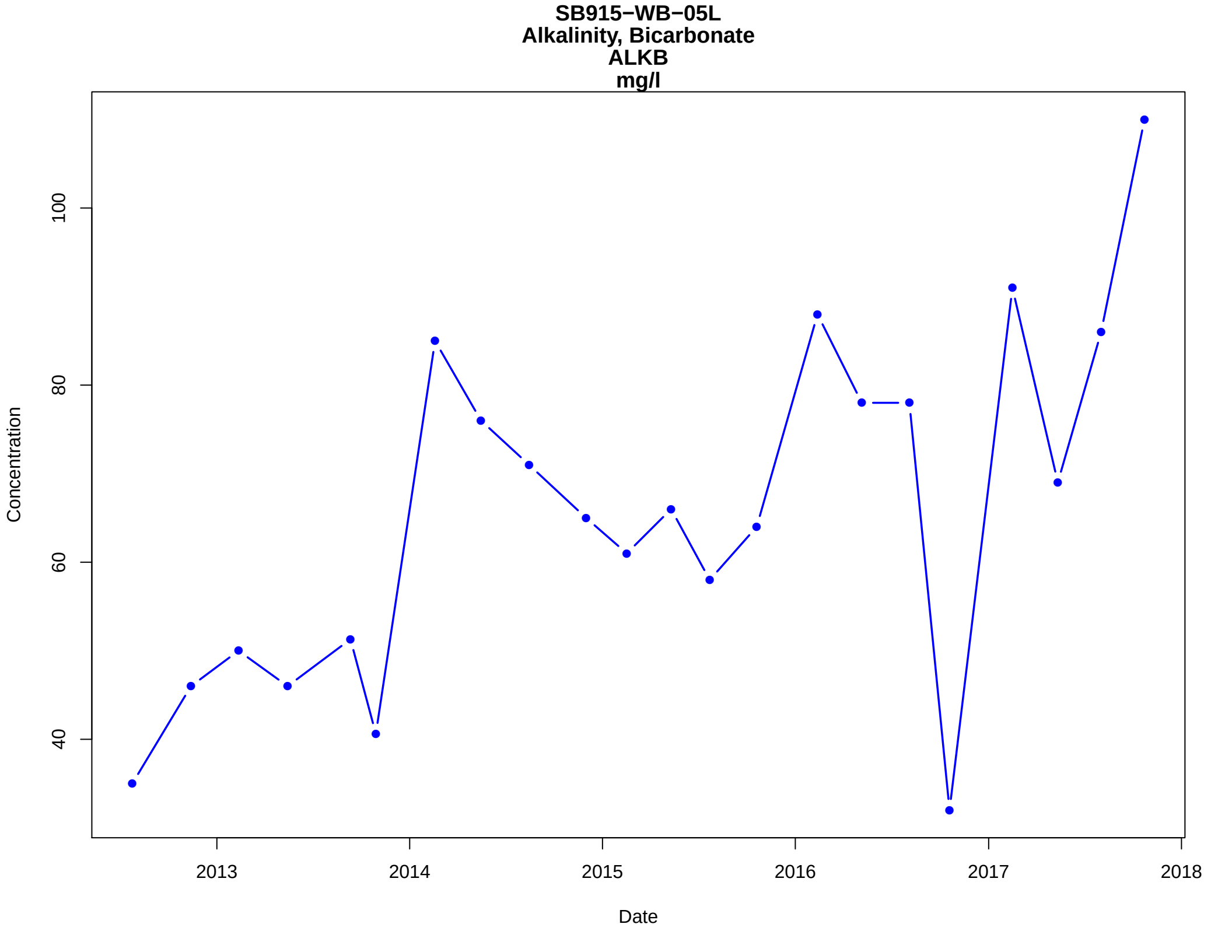

SB915−WB−04L
Copper
7440−50−8
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
0.12
2013
2014
2015
2016
2017
2018
Date
J
U
U
U
J
U
J
U
U
U
U
U
U
U
U
U
U
U
J
J
J
J

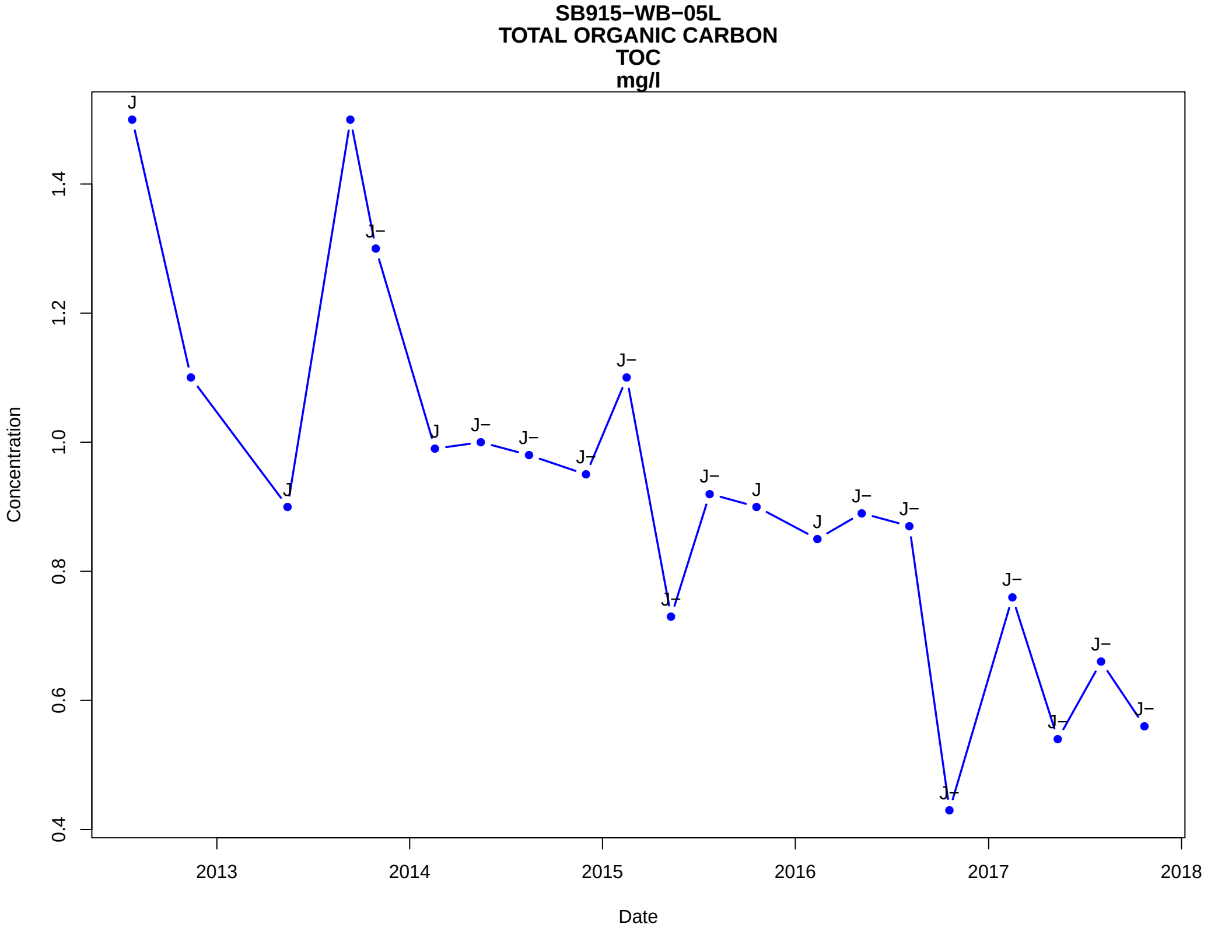

SB915−WB−04L
1,1−Dichloroethane
75−34−3
ug/l
Concentration
7.5
7.0
6.5
6.0
5.5
5.0
2013
2014
2015
2016
2017
2018
Date

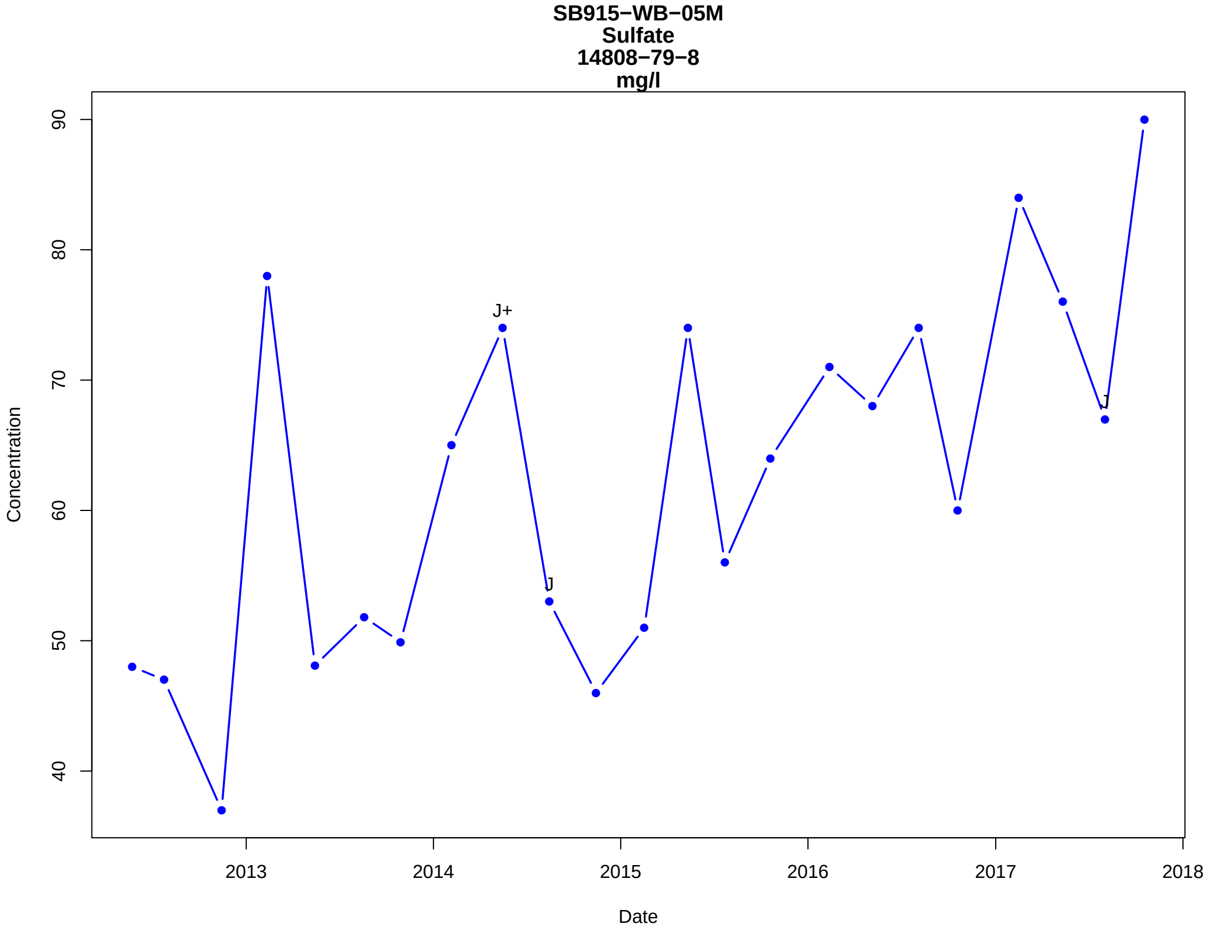

SB915−WB−04L
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
0.06
J
J
J
U
U
U
U
U
U
U
U
U
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
2018
Date

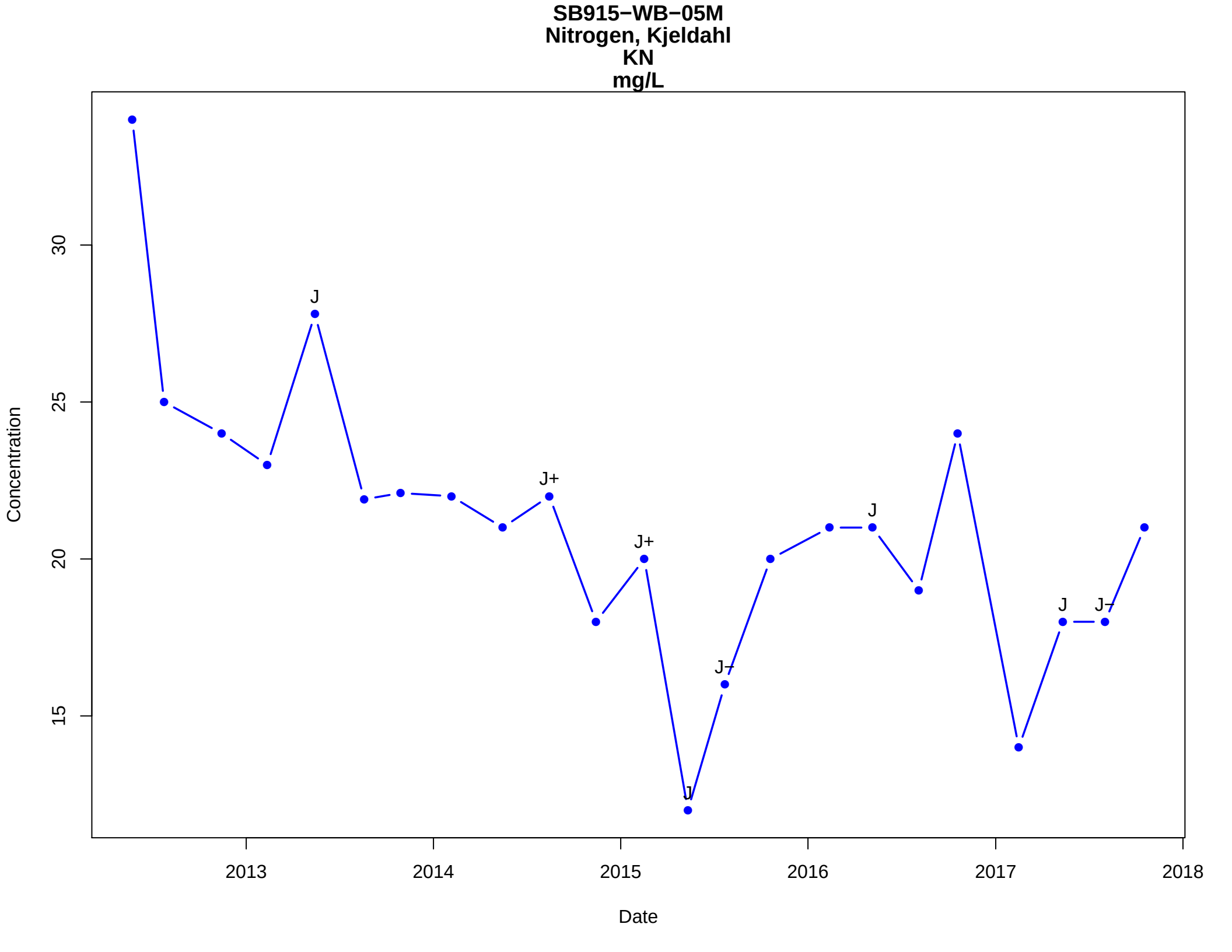

SB915−WB−05L
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
0.30
U
U
U
U
J
J
J+
U
J+
J
U
J
J
U
U
2013
2014
2015
2016
2017
2018
Date

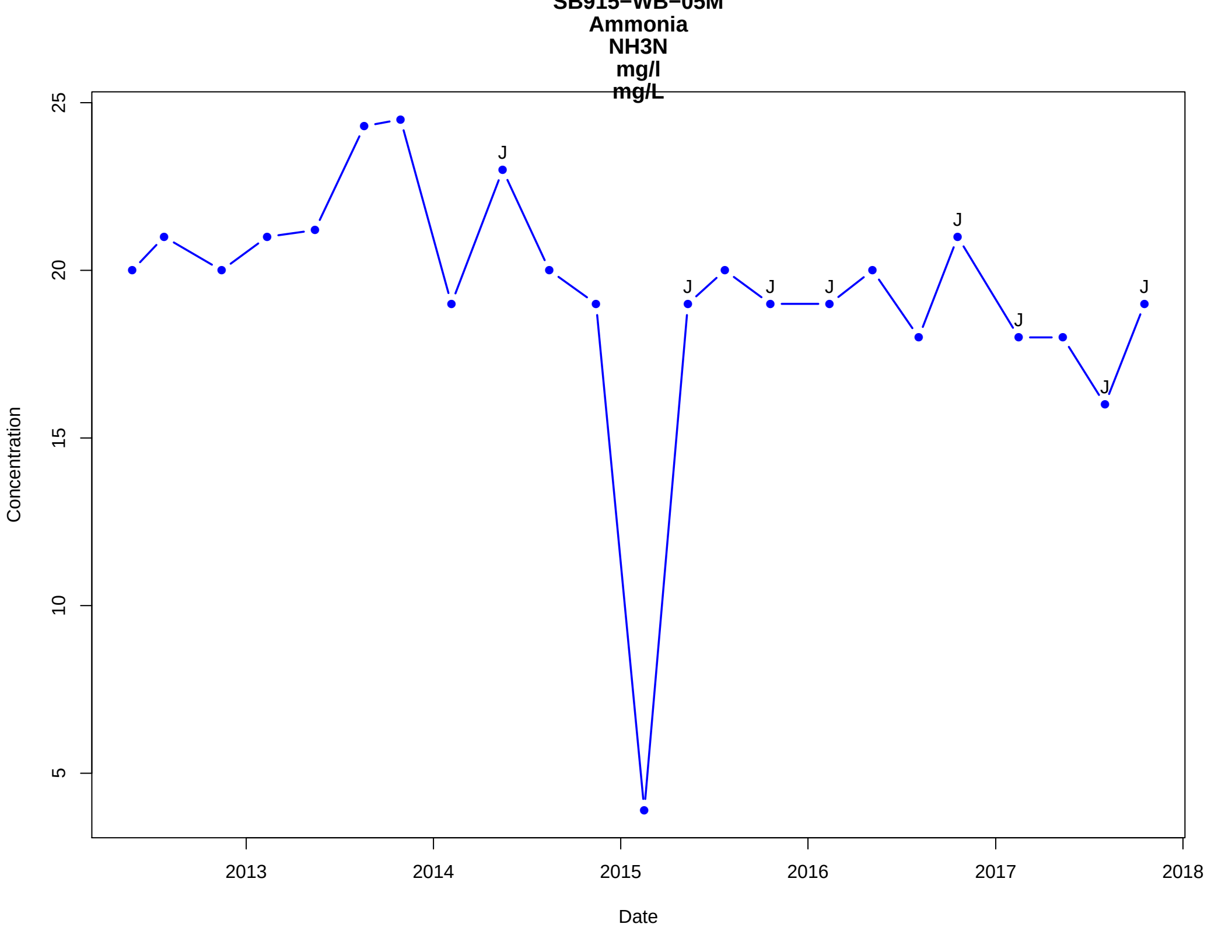

SB915−WB−05L
Alkalinity
ALK
mg/l
Concentration
40
60
80
100
2013
2014
2015
2016
2017
2018
Date

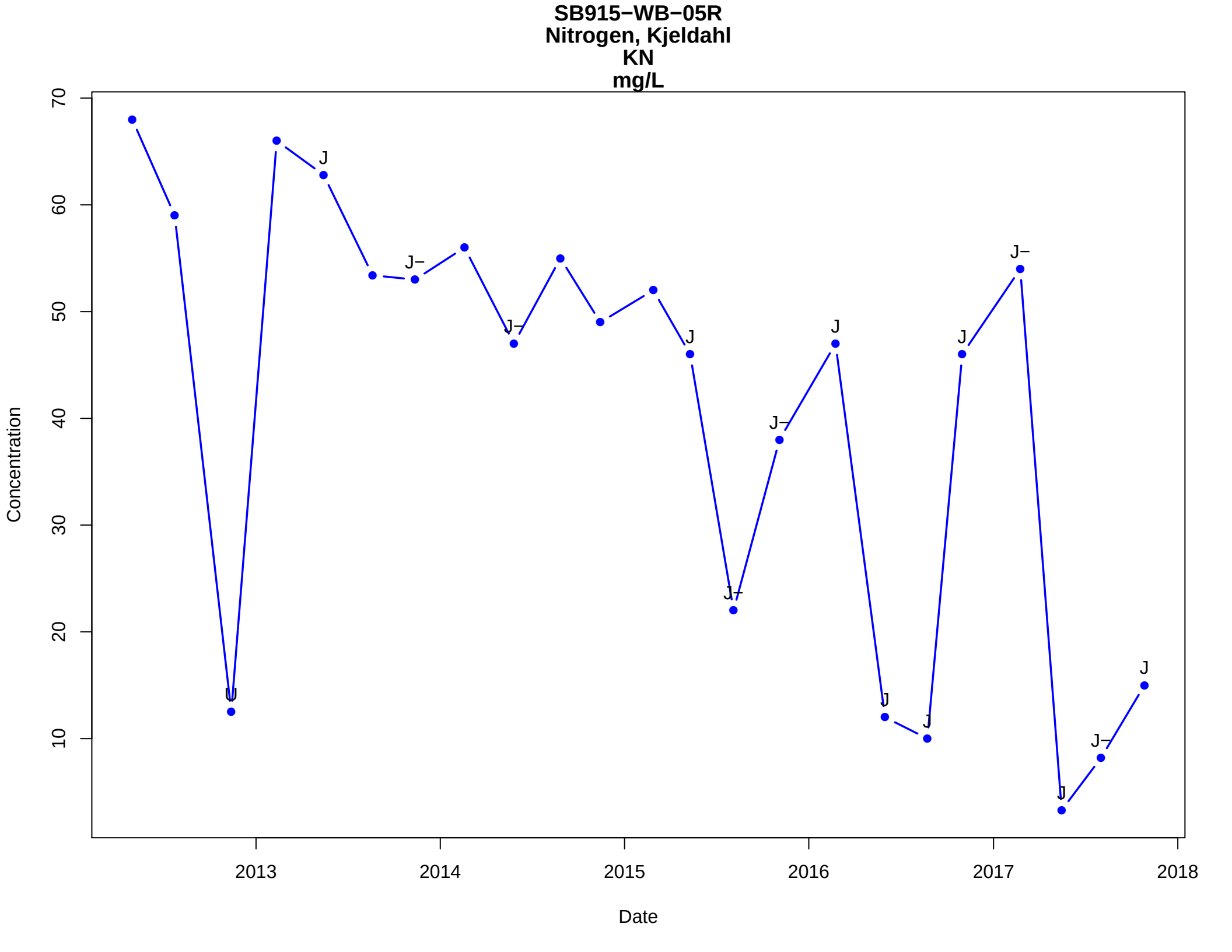

SB915−WB−05L
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
40
60
80
100
2013
2014
2015
2016
2017
2018
Date

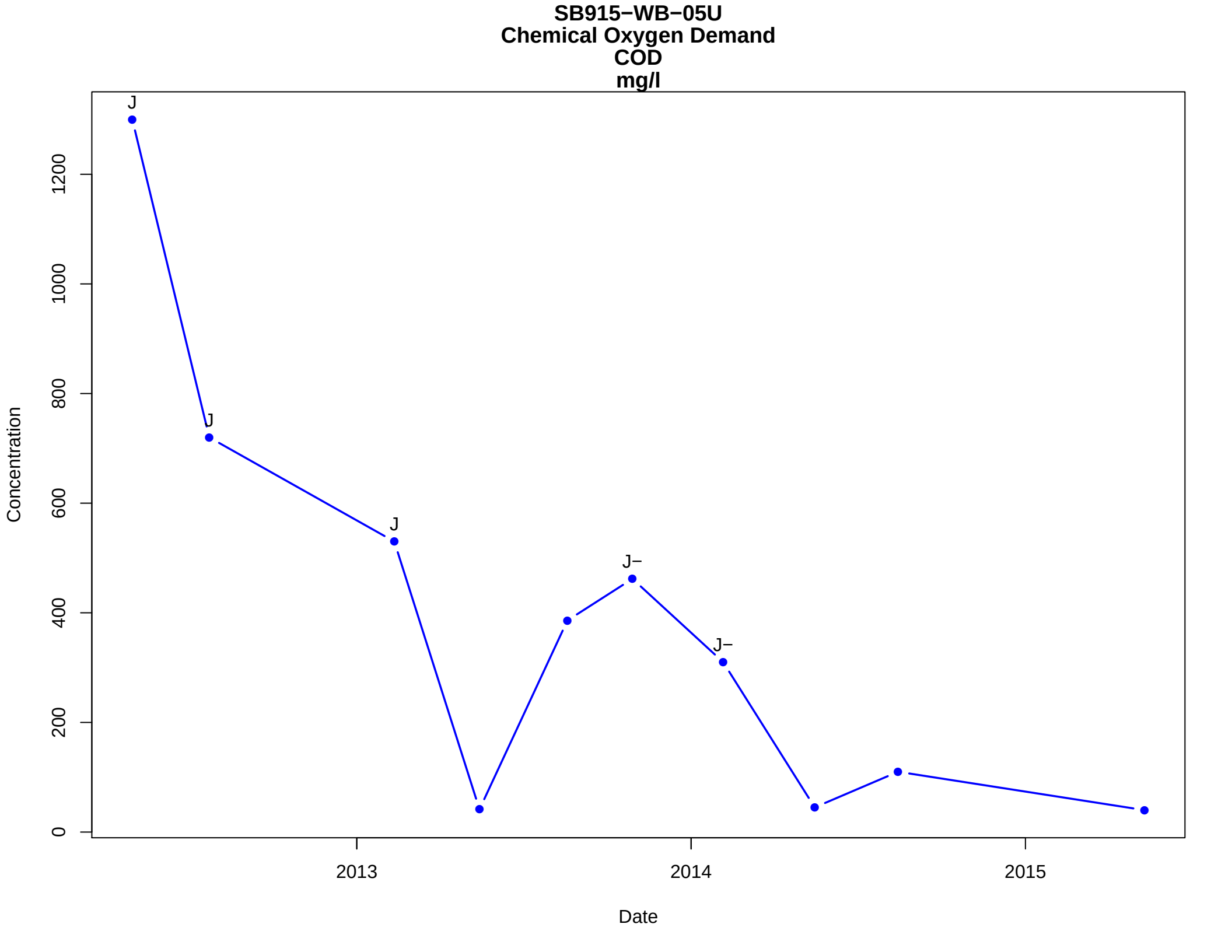

SB915−WB−05L
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
0.4
0.6
0.8
1.0
1.2
1.4
2013
2014
2015
2016
2017
2018
J
J−
J
J
J−
J−
J−
J−
J
J−
J
J−
J−
J−
J−
J−
J−
J−

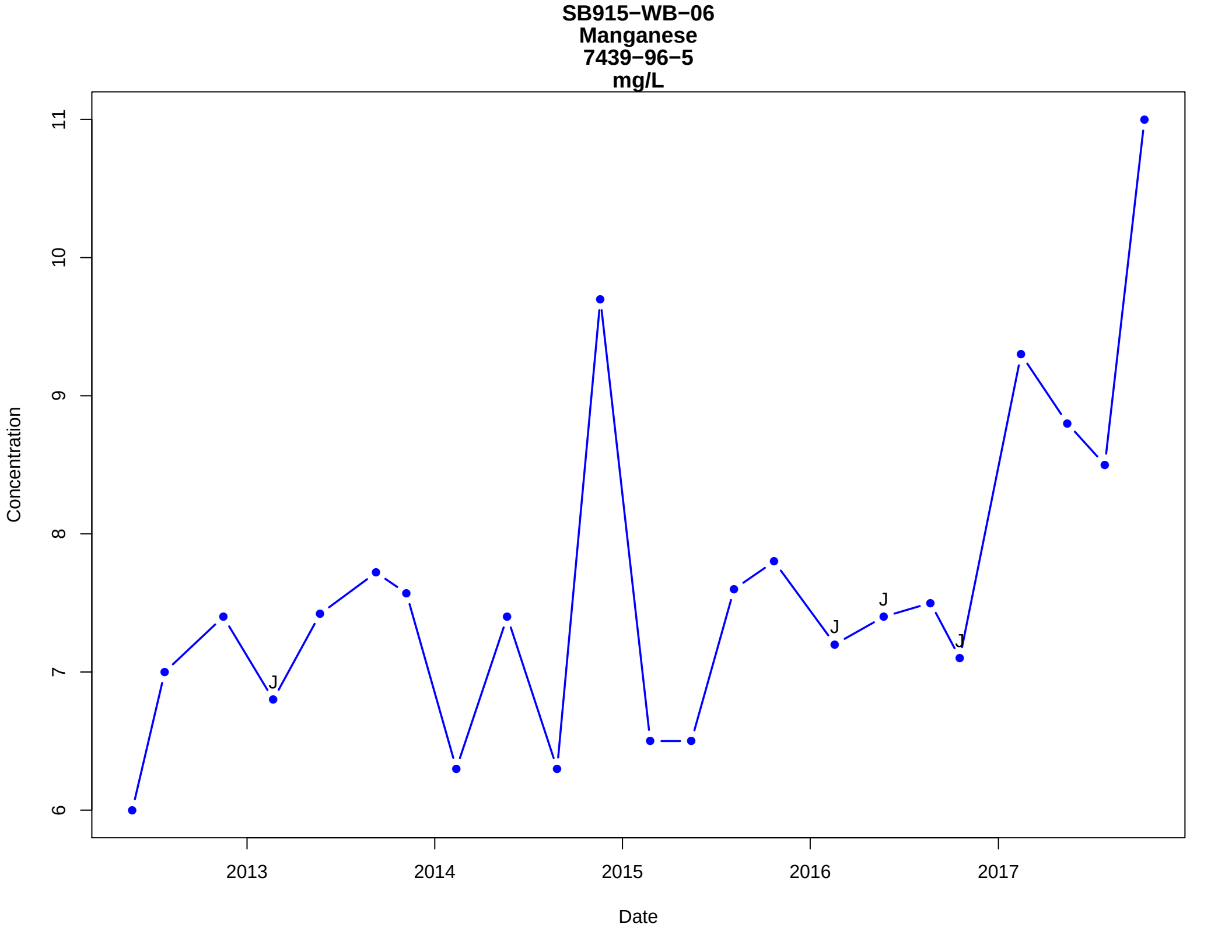

SB915−WB−05M
Sulfate
14808−79−8
mg/l
Concentration
90
80
70
60
50
40
J+
J
J
2013
2014
2015
2016
2017
2018
Date

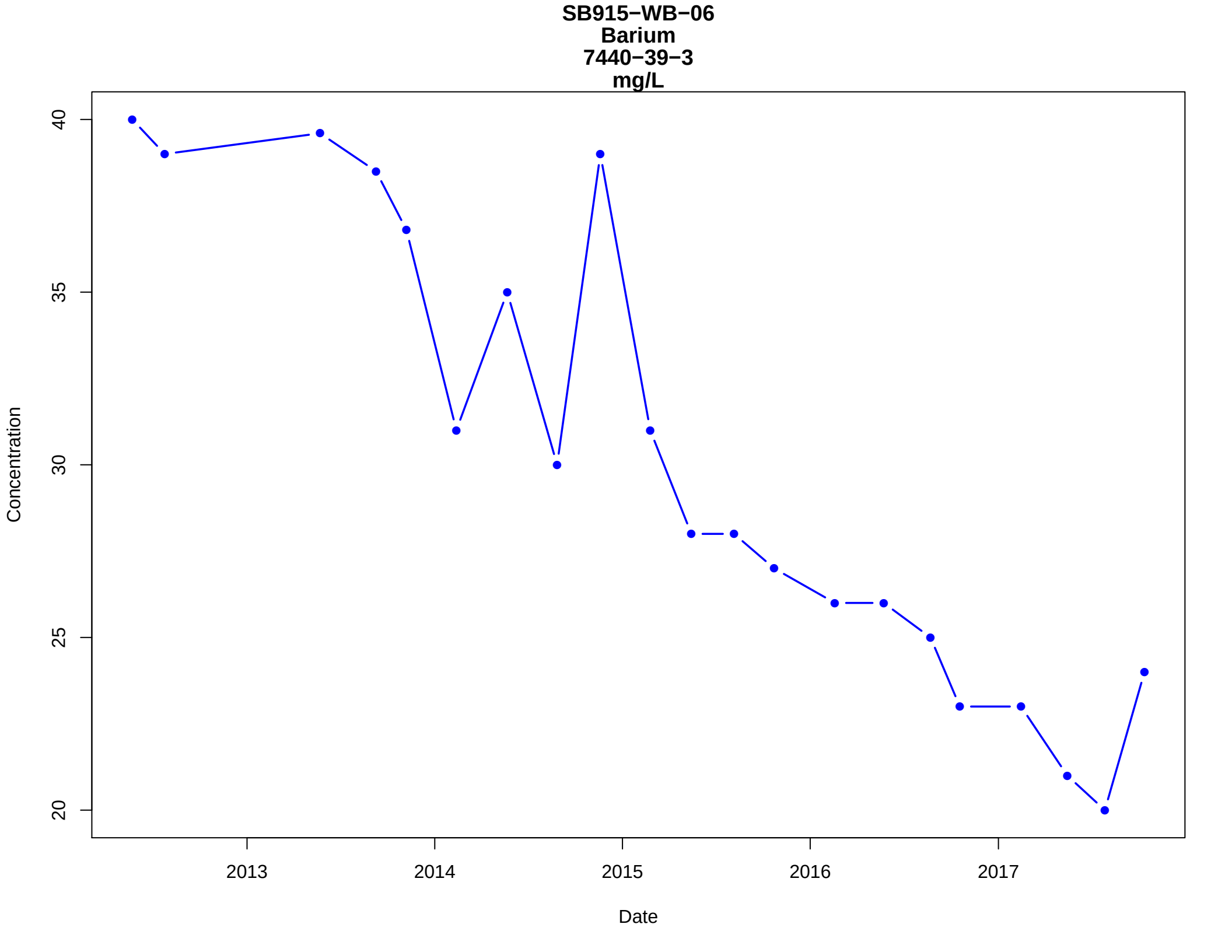

SB915−WB−05M
Nitrogen, Kjeldahl
KN
mg/L
Concentration
30
25
20
15
J
J+
J+
J
J−
J
J
J−
2013
2014
2015
2016
2017
2018
Date

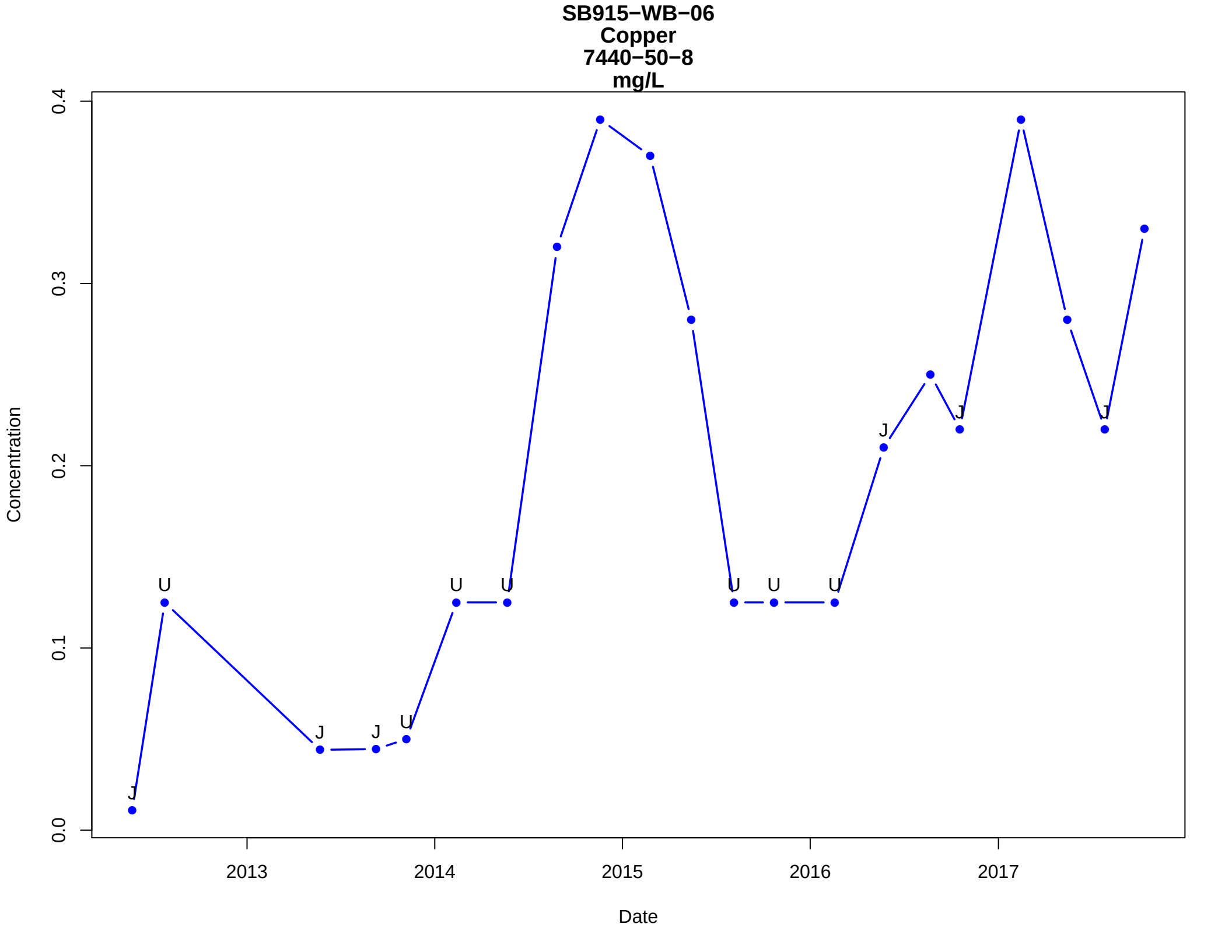

SB915-WB-05M
Ammonia
NH3N
mg/l
mg/L
Concentration
Date
5
10
15
20
25
2013
2014
2015
2016
2017
2018
J
J
J
J
J
J
J
J

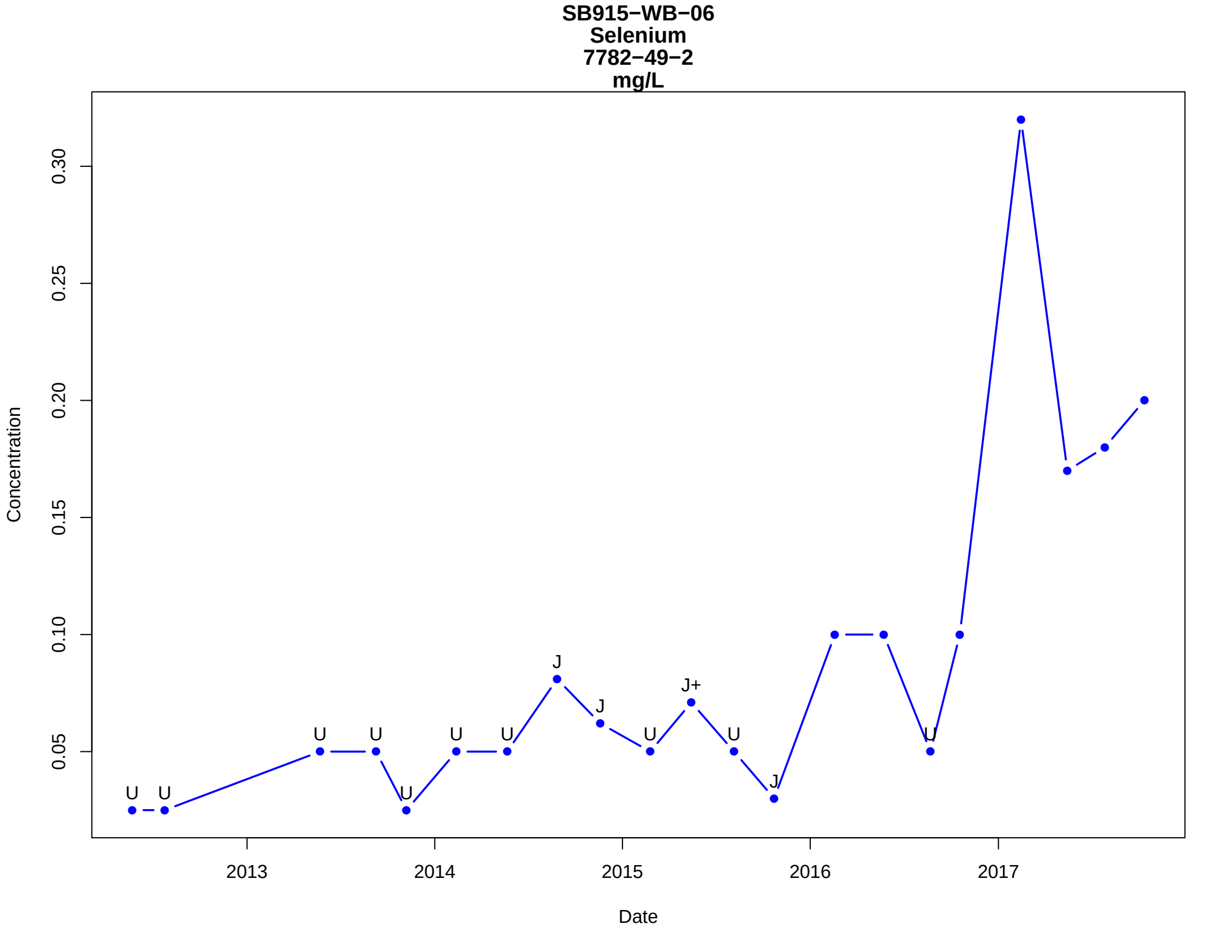

SB915−WB−05R
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
10
20
30
40
50
60
70
2013
2014
2015
2016
2017
2018
J
J−
J
J−
J
J−
J
J
J
J
J
J
J
J−
J
J−
J

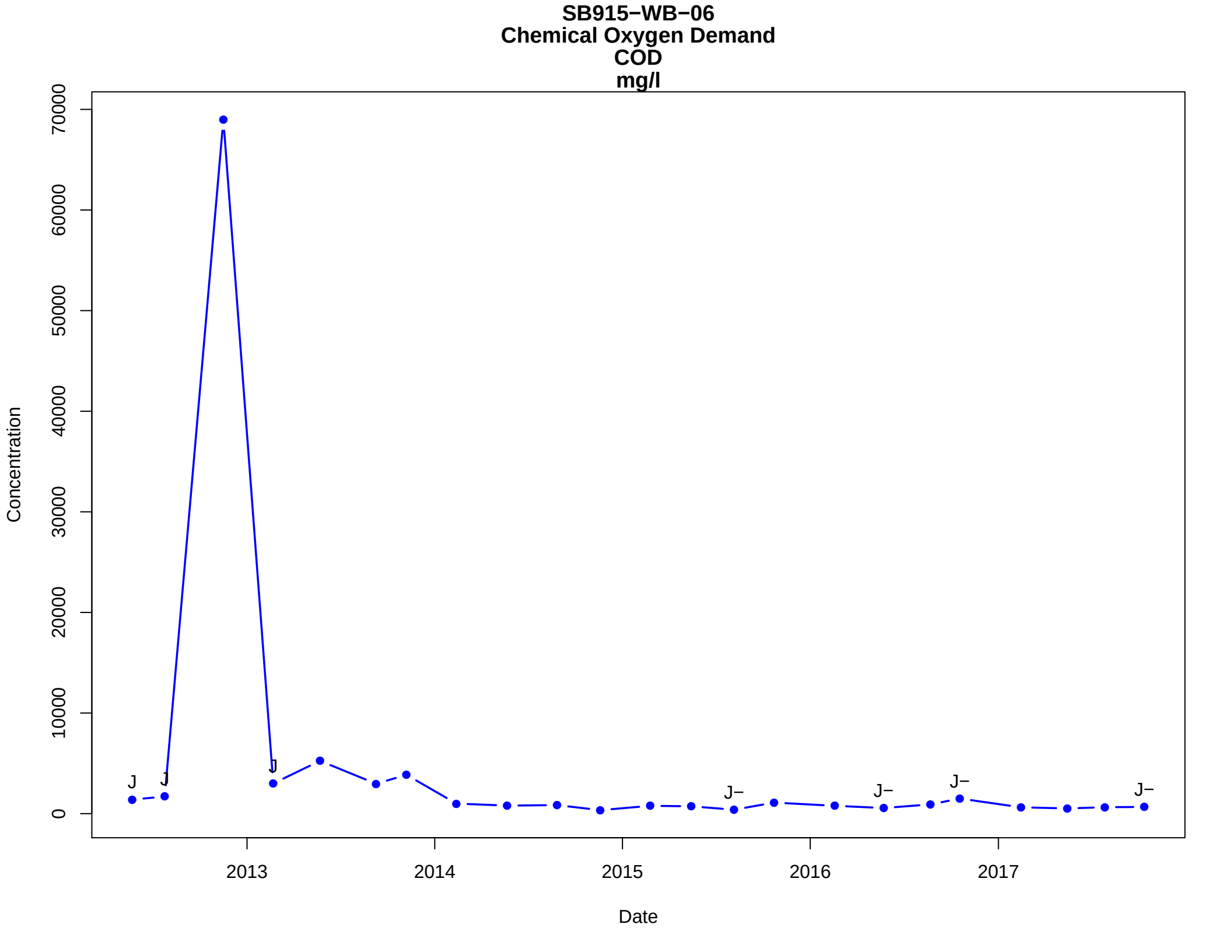

SB915−WB−05U
Chemical Oxygen Demand
COD
mg/l
Concentration
0
200
400
600
800
1000
1200
J
J
J
J−
J−
2013
2014
2015
Date

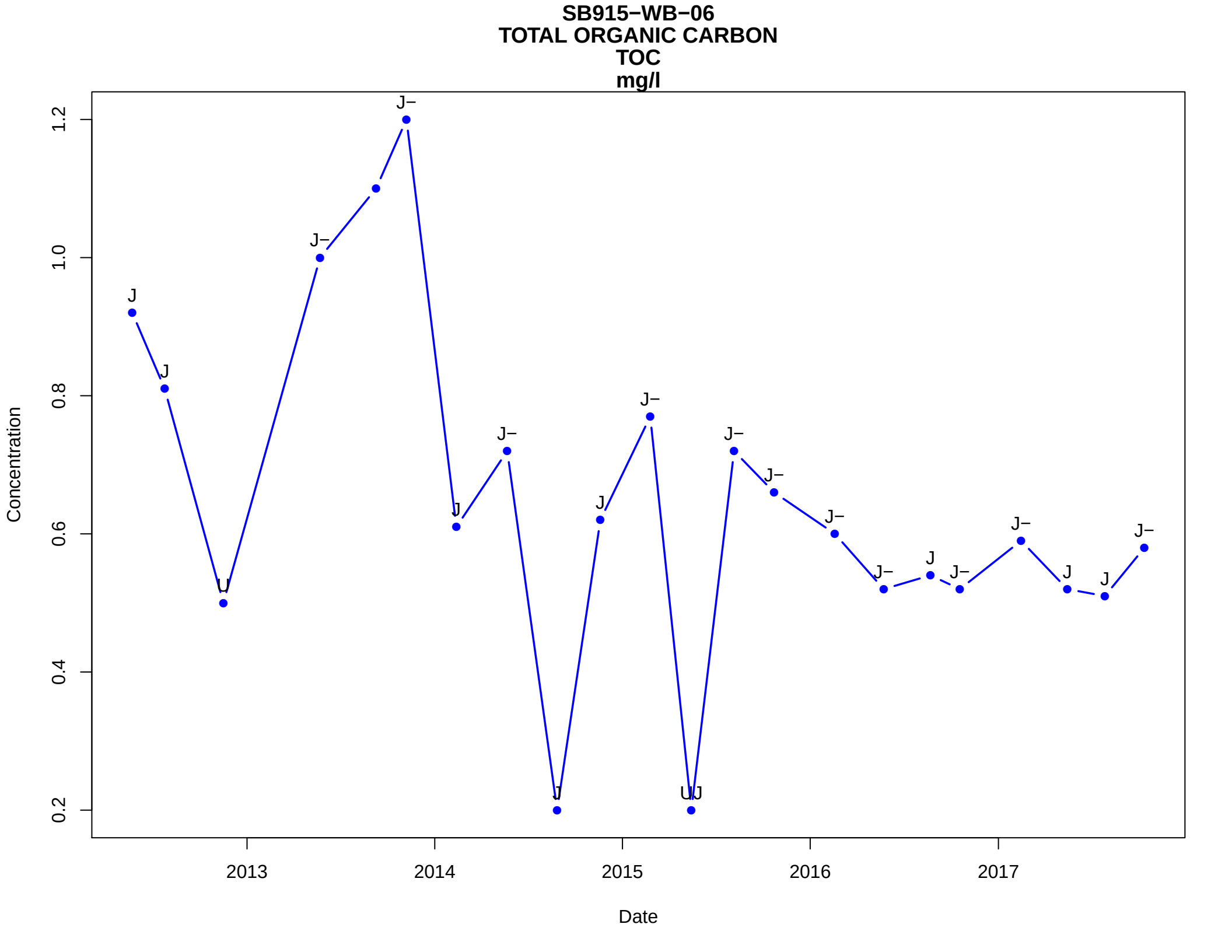

SB915−WB−06
Manganese
7439−96−5
mg/L
Concentration
11
10
9
8
7
6
J
J
J
J
2013
2014
2015
2016
2017
Date

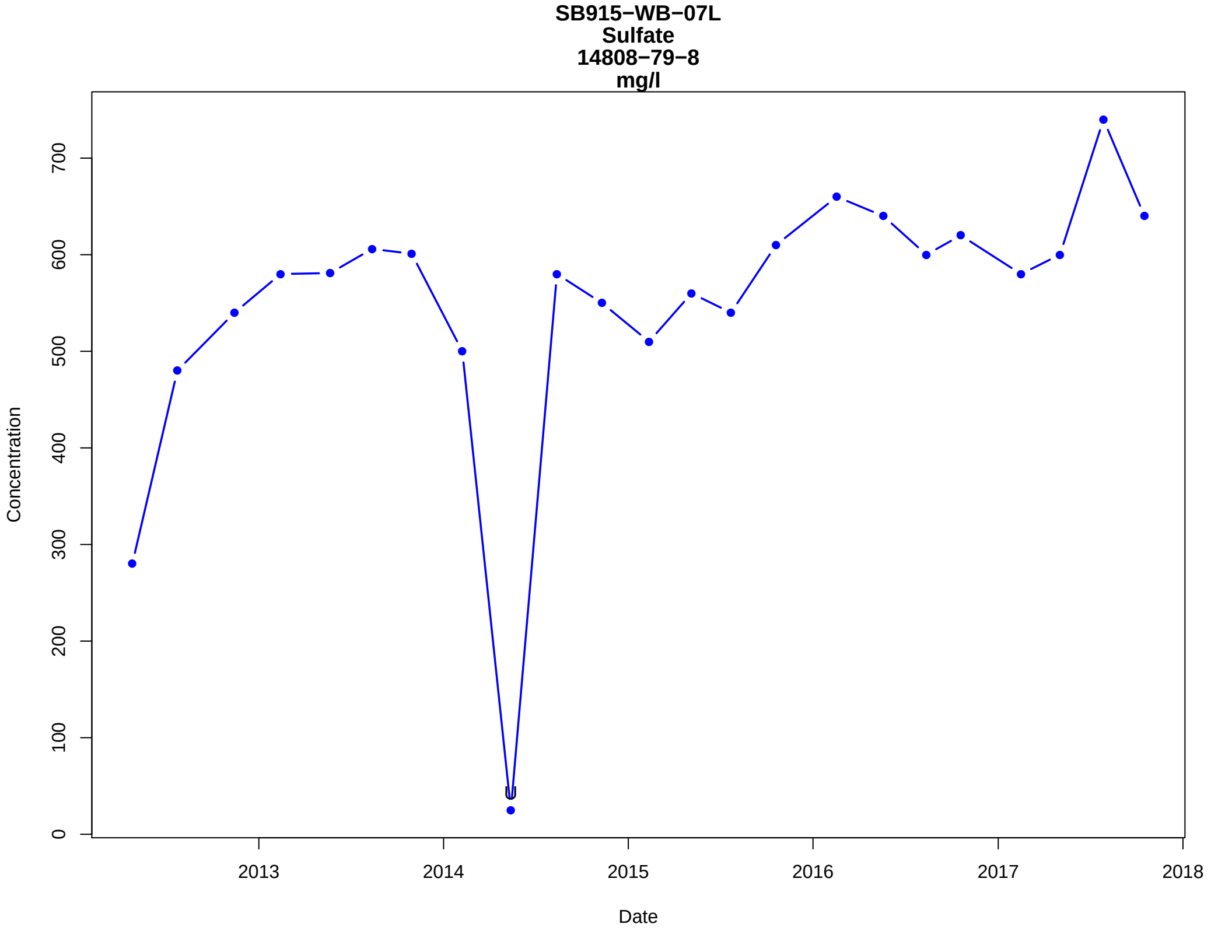

SB915−WB−06
Barium
7440−39−3
mg/L
Concentration
40
35
30
25
20
2013
2014
2015
2016
2017
Date

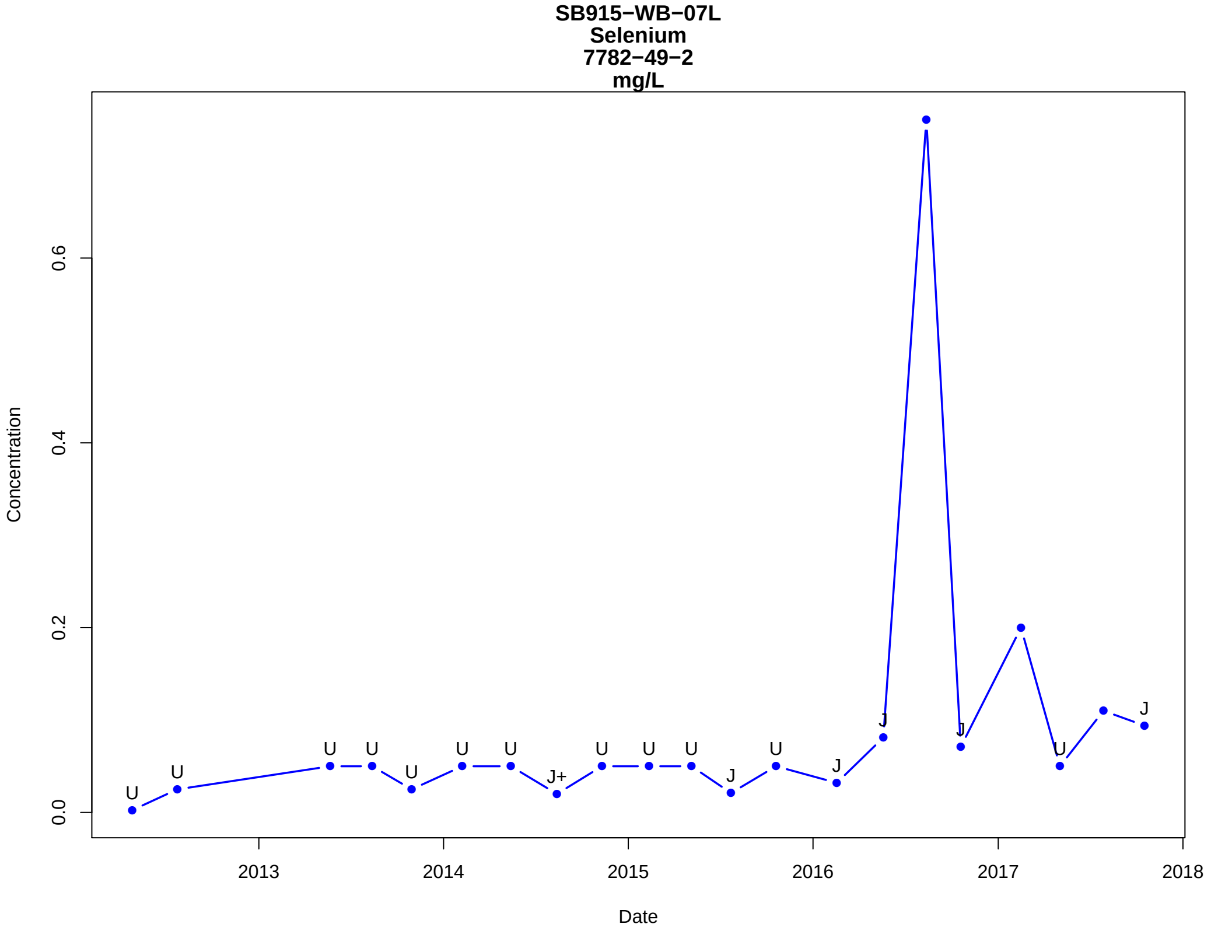

SB915−WB−06
Copper
7440−50−8
mg/L
Concentration
0.0
0.1
0.2
0.3
0.4
2013
2014
2015
2016
2017
Date
J
U
J
J
U
U
U
U
U
U
J
J
J

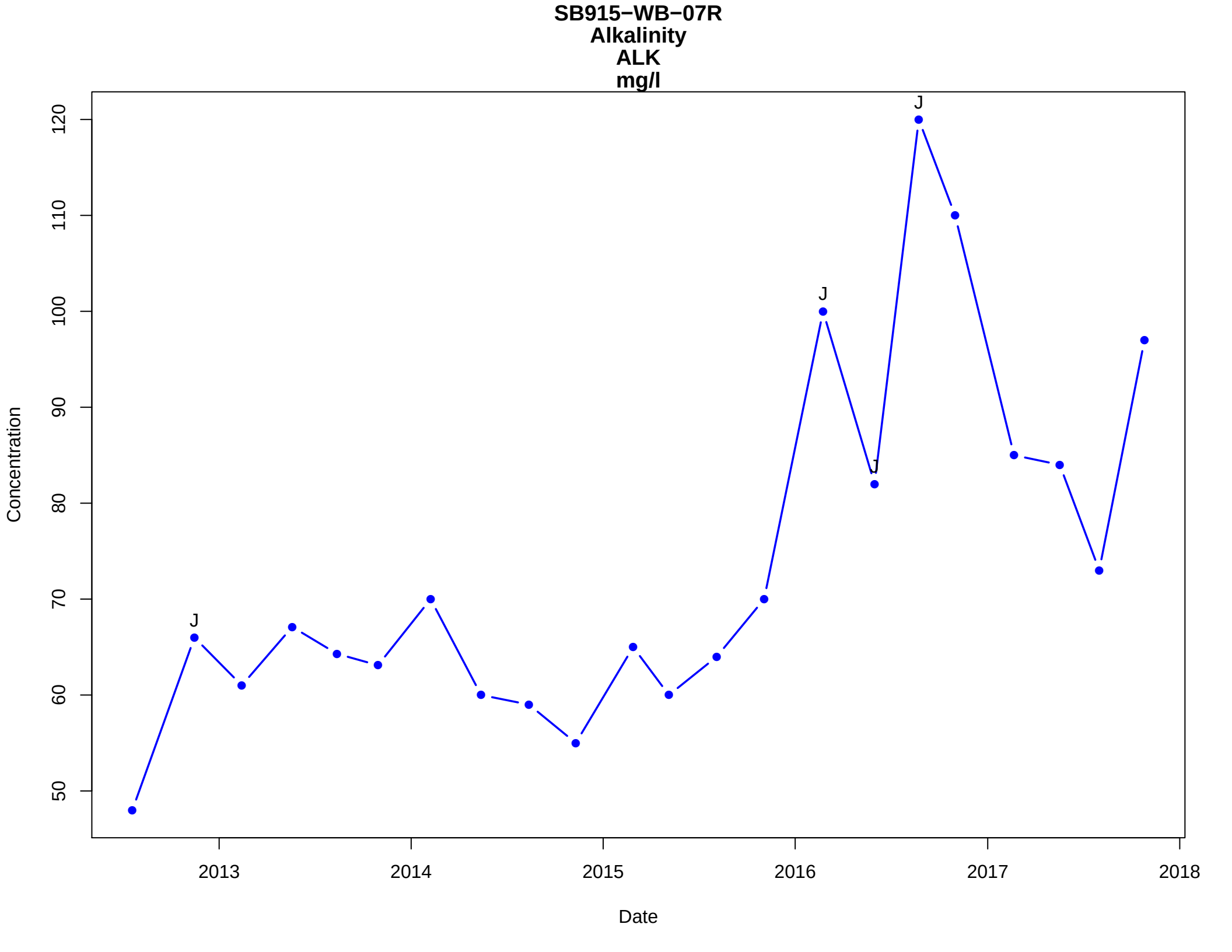

SB915−WB−06
Selenium
7782−49−2
mg/L
Concentration
0.05
0.10
0.15
0.20
0.25
0.30
U
U
U
U
U
U
U
J
J
U
J+
U
J
U
U
2013
2014
2015
2016
2017
Date

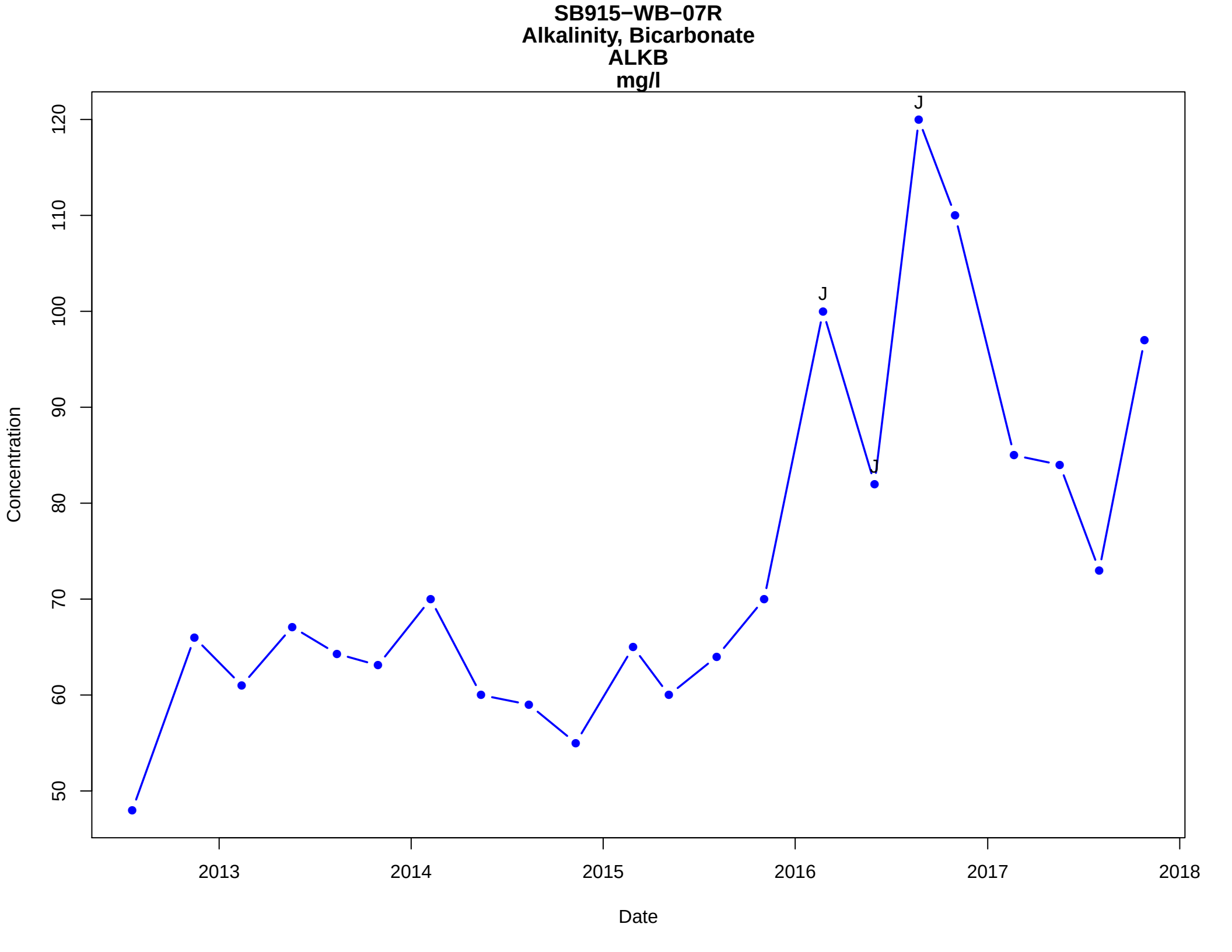

SB915−WB−06
Chemical Oxygen Demand
COD
mg/l
Concentration
0
10000
20000
30000
40000
50000
60000
70000
J
J
J
J−
J−
J−
2013
2014
2015
2016
2017
Date

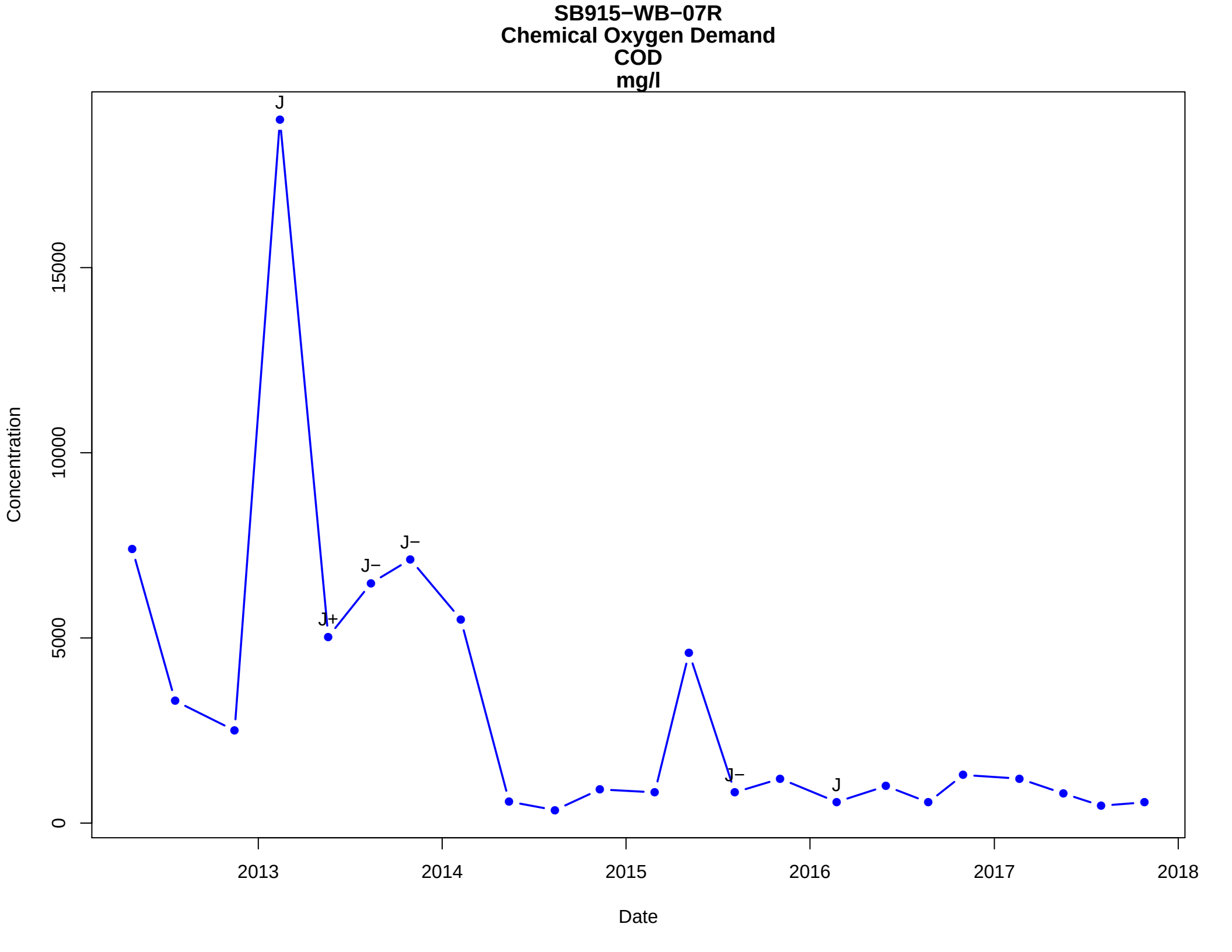

SB915−WB−06
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
0.2
0.4
0.6
0.8
1.0
1.2
J
J
UJ
J−
J−
J−
J
J
J−
J
J−
J−
J−
J−
J
J−
J
J−
J
J
J−
2013
2014
2015
2016
2017
Date

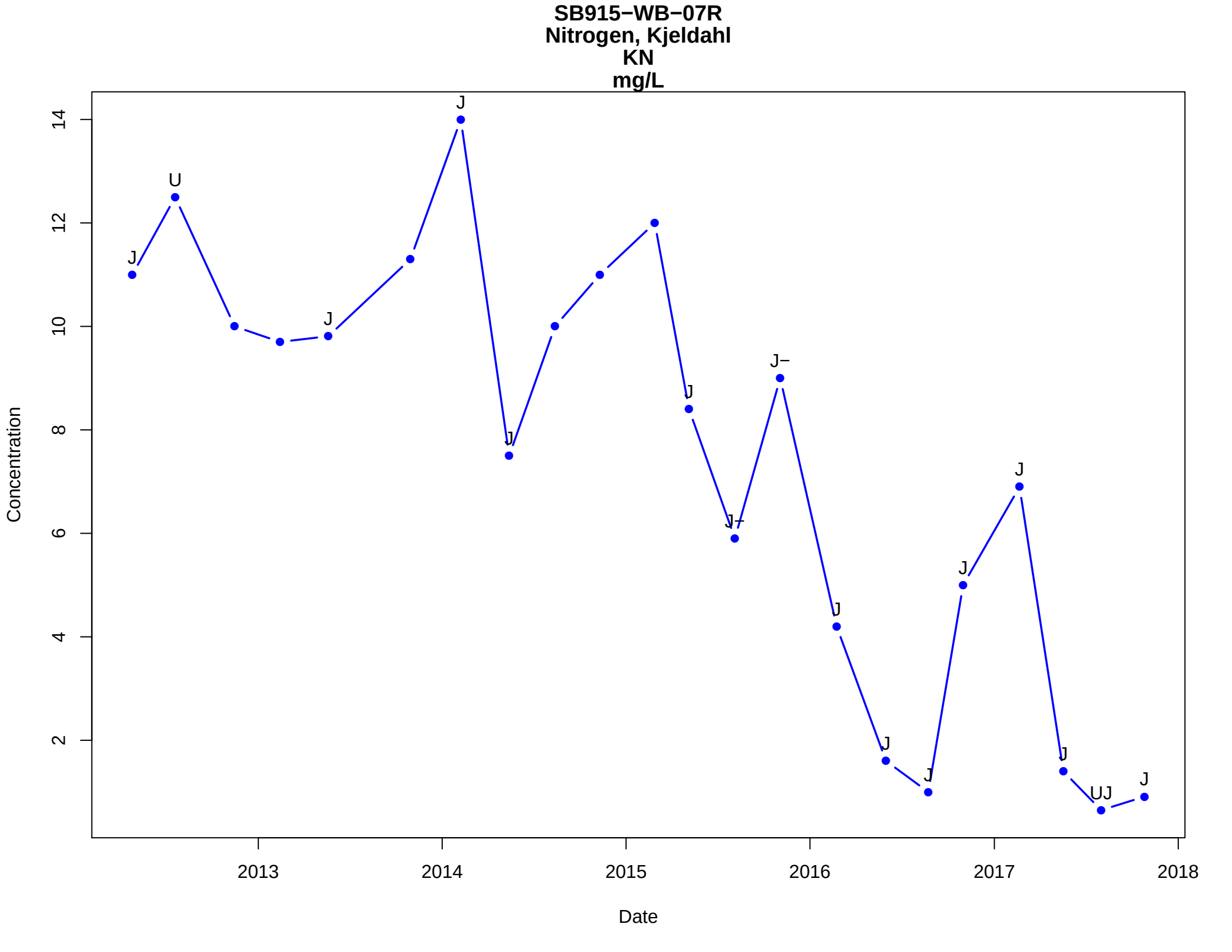

SB915−WB−07L
Sulfate
14808−79−8
mg/l
Concentration
0
100
200
300
400
500
600
700
U
2013
2014
2015
2016
2017
2018
Date

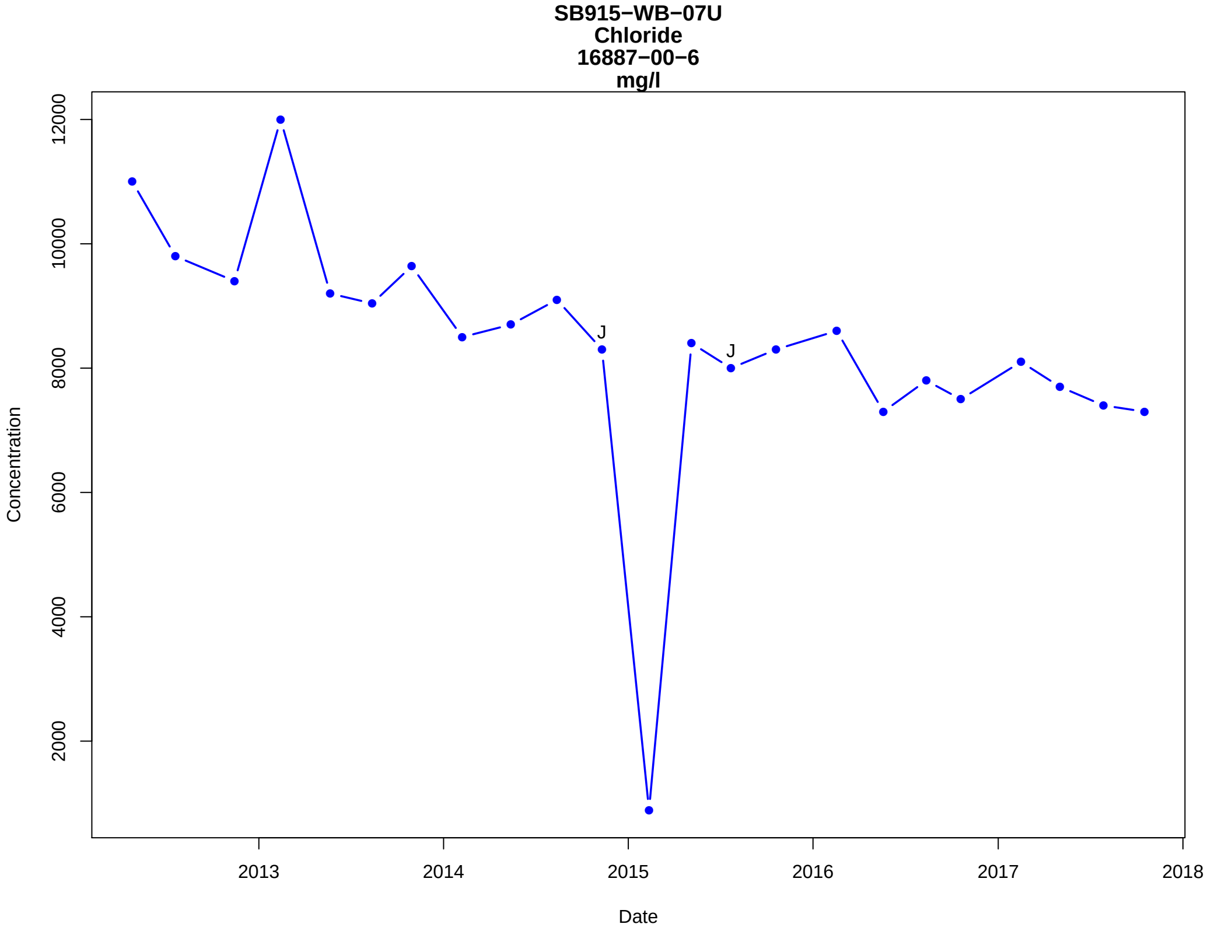

SB915−WB−07L
Selenium
7782−49−2
mg/L
Concentration
0.0
0.2
0.4
0.6
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
J+
U
U
U
J
U
J
J
J
U
J

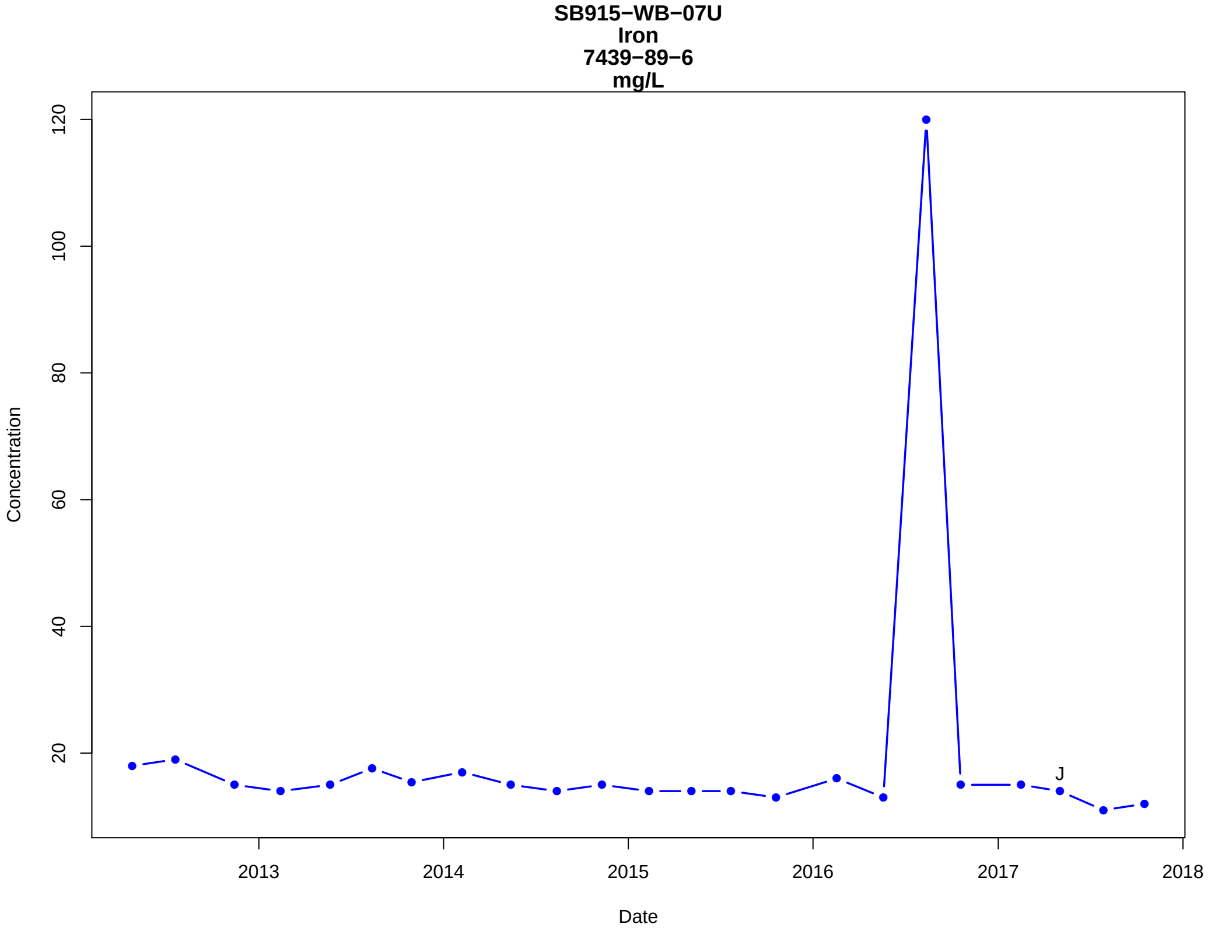

SB915−WB−07R
Alkalinity
ALK
mg/l
Concentration
Date
50
60
70
80
90
100
110
120
2013
2014
2015
2016
2017
2018
J
J
J
J

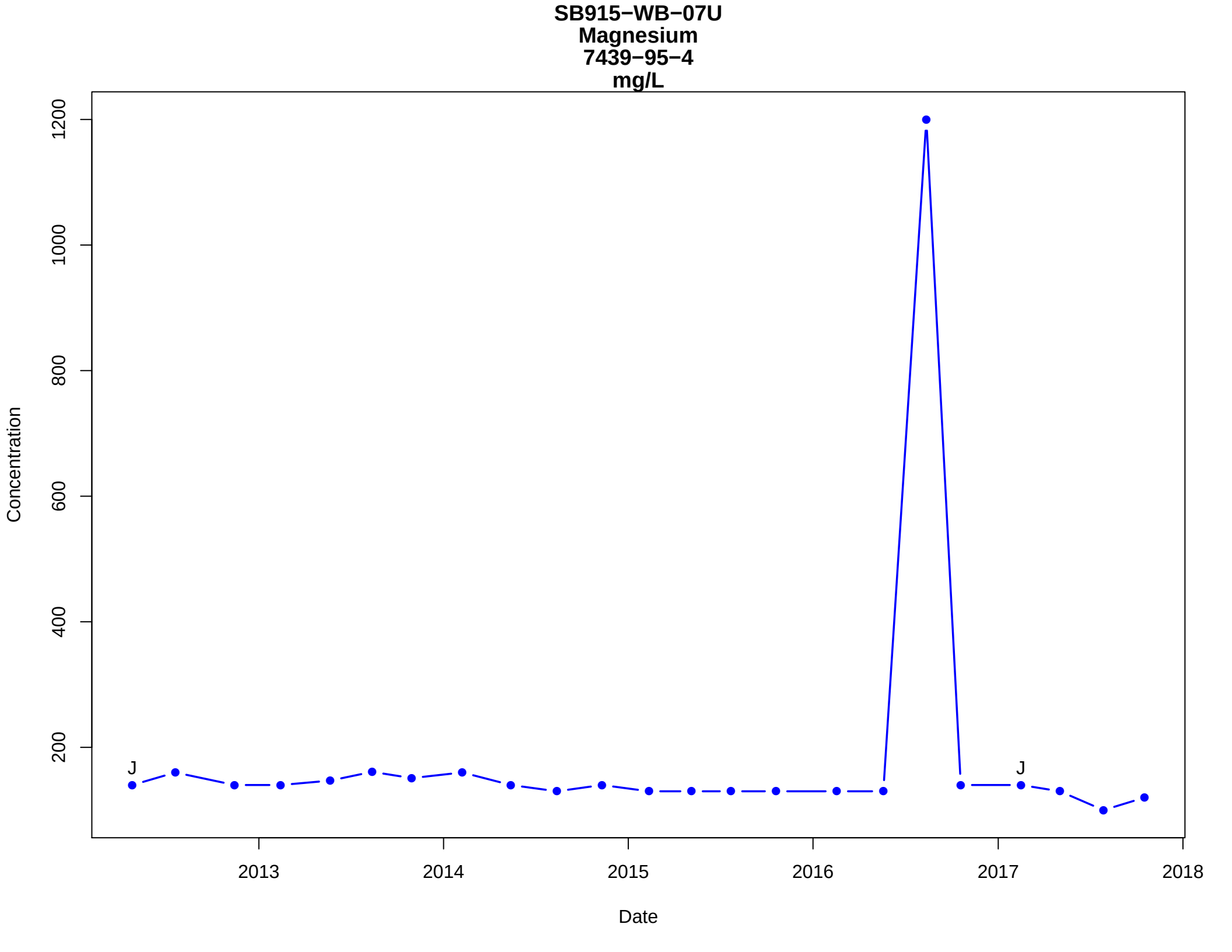

SB915−WB−07R
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
50
60
70
80
90
100
110
120
J
J
J
2013
2014
2015
2016
2017
2018
Date

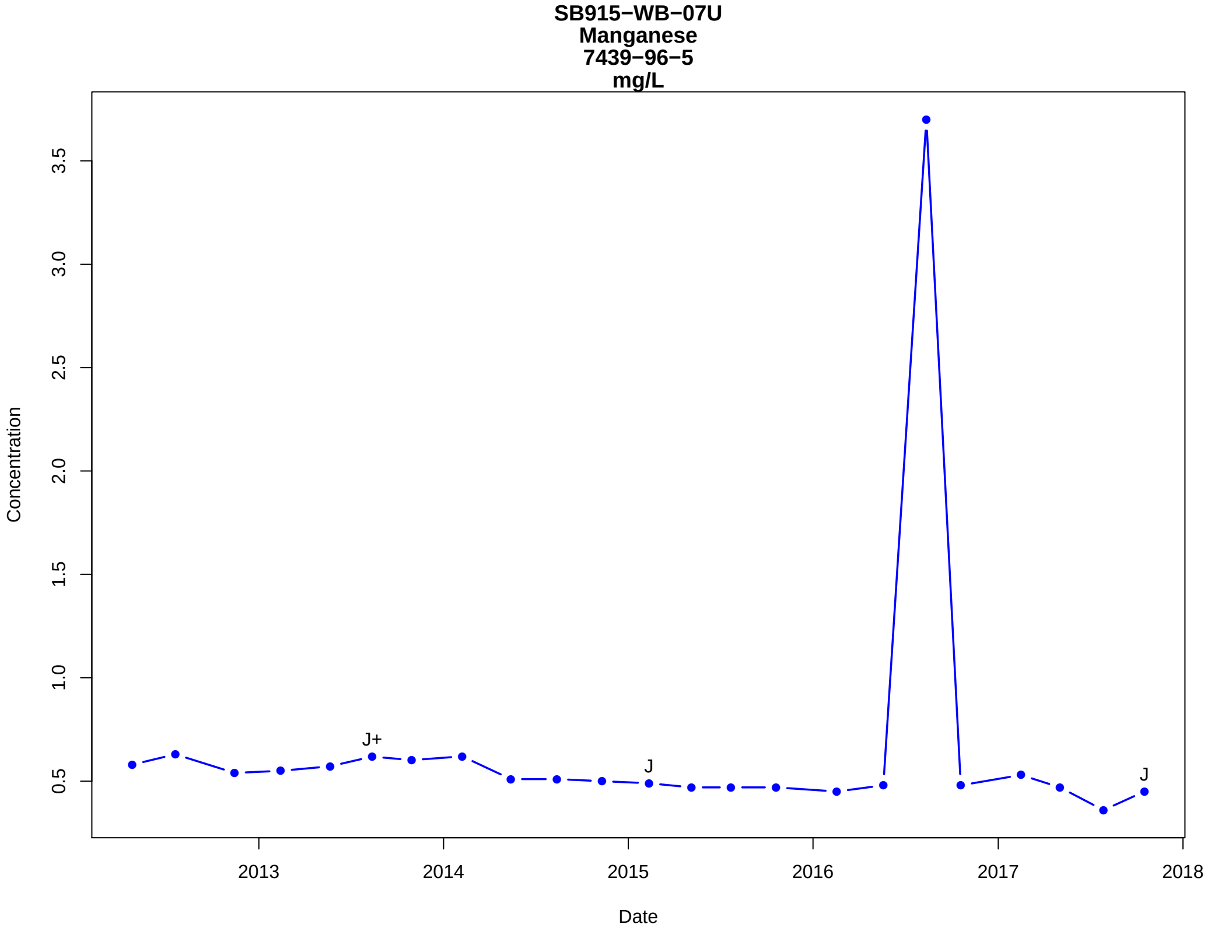

SB915−WB−07R
Chemical Oxygen Demand
COD
mg/l
Concentration
0
5000
10000
15000
J
J+
J−
J−
J−
J
2013
2014
2015
2016
2017
2018
Date

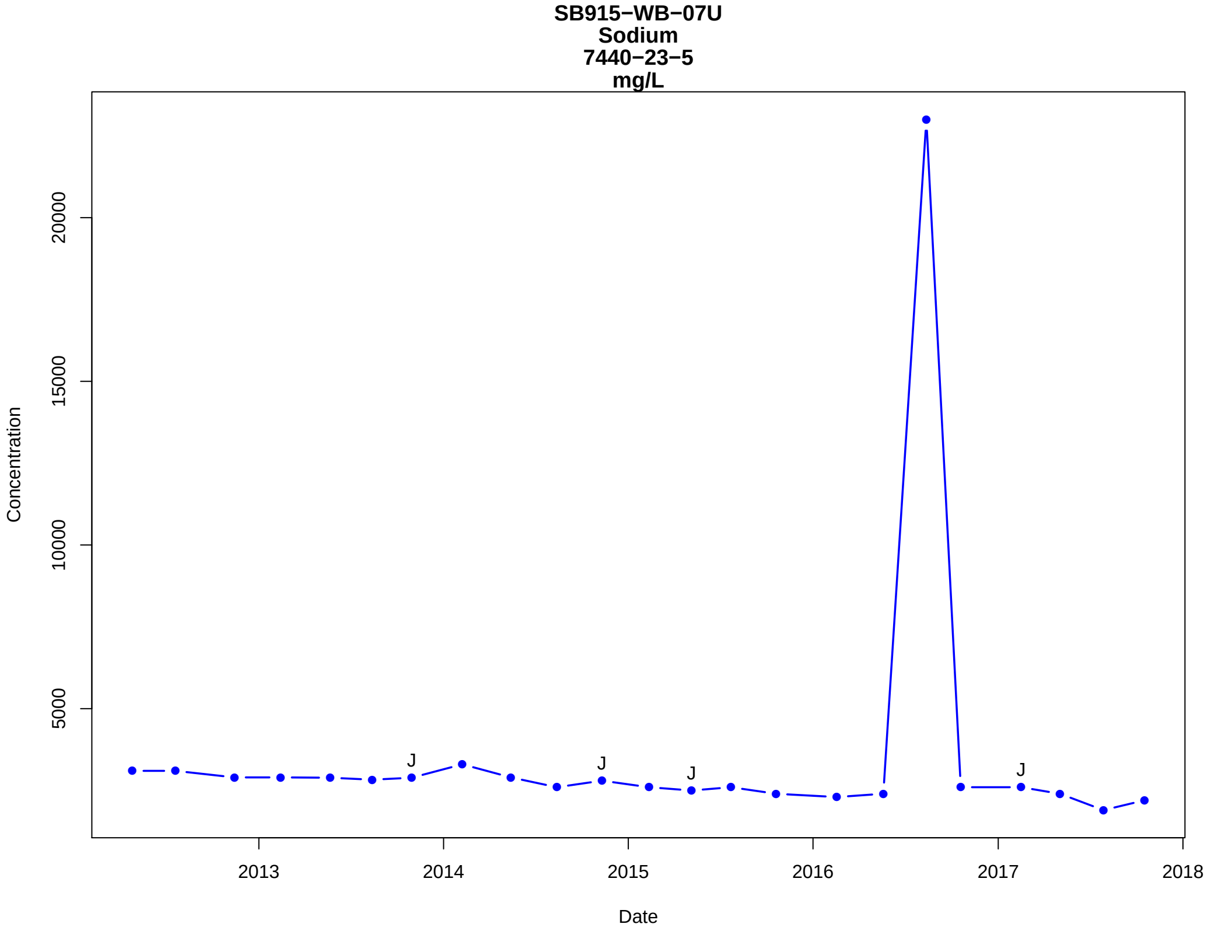

SB915−WB−07R
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
2
4
6
8
10
12
14
2013
2014
2015
2016
2017
2018
J
U
J
J
J
J
J
J
J−
J
J
J
J
J
UJ
J

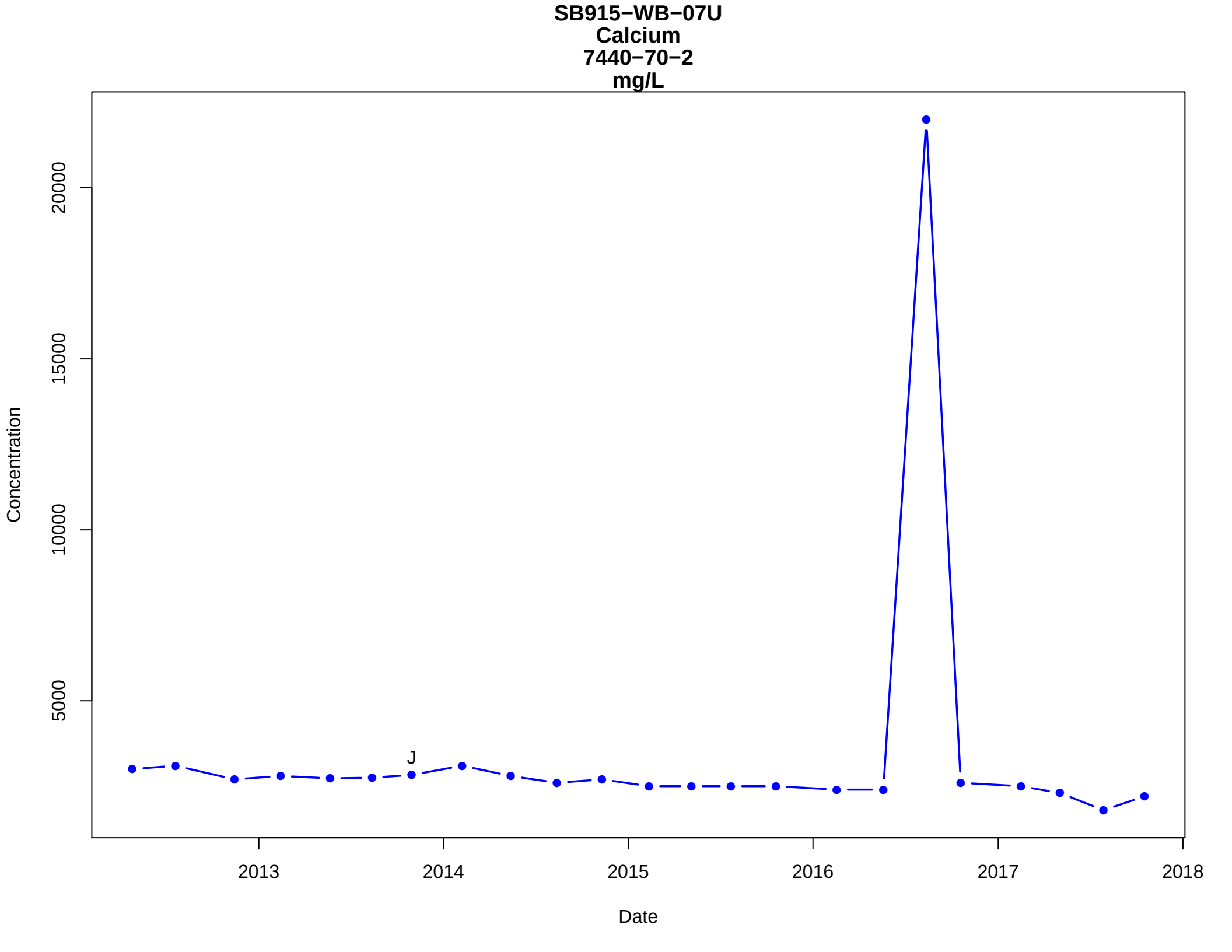

SB915−WB−07U
Chloride
16887−00−6
mg/l
Concentration
12000
10000
8000
6000
4000
2000
J
J
2013
2014
2015
2016
2017
2018
Date

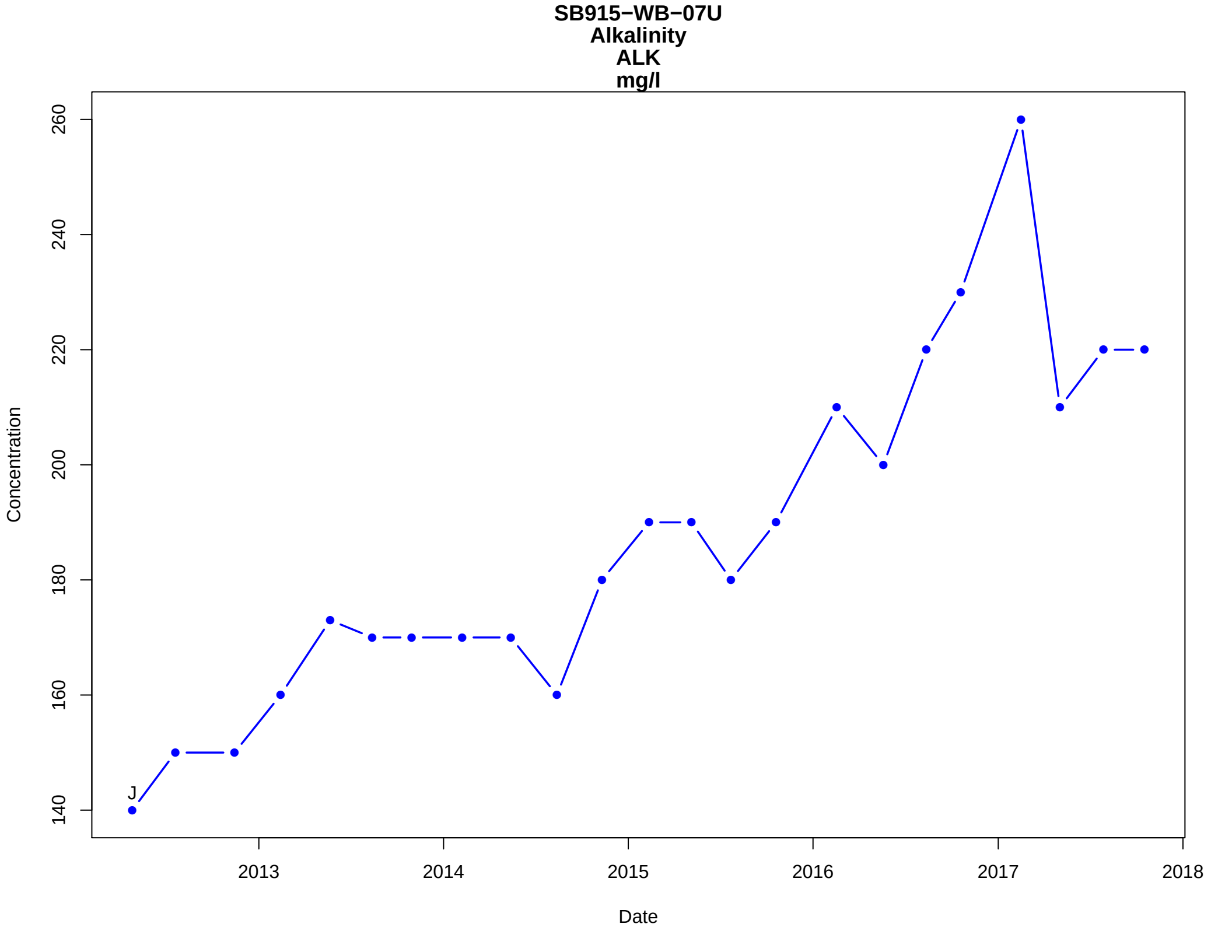

SB915−WB−07U
Iron
7439−89−6
mg/L
Concentration
120
100
80
60
40
20
2013
2014
2015
2016
2017
2018
Date
J

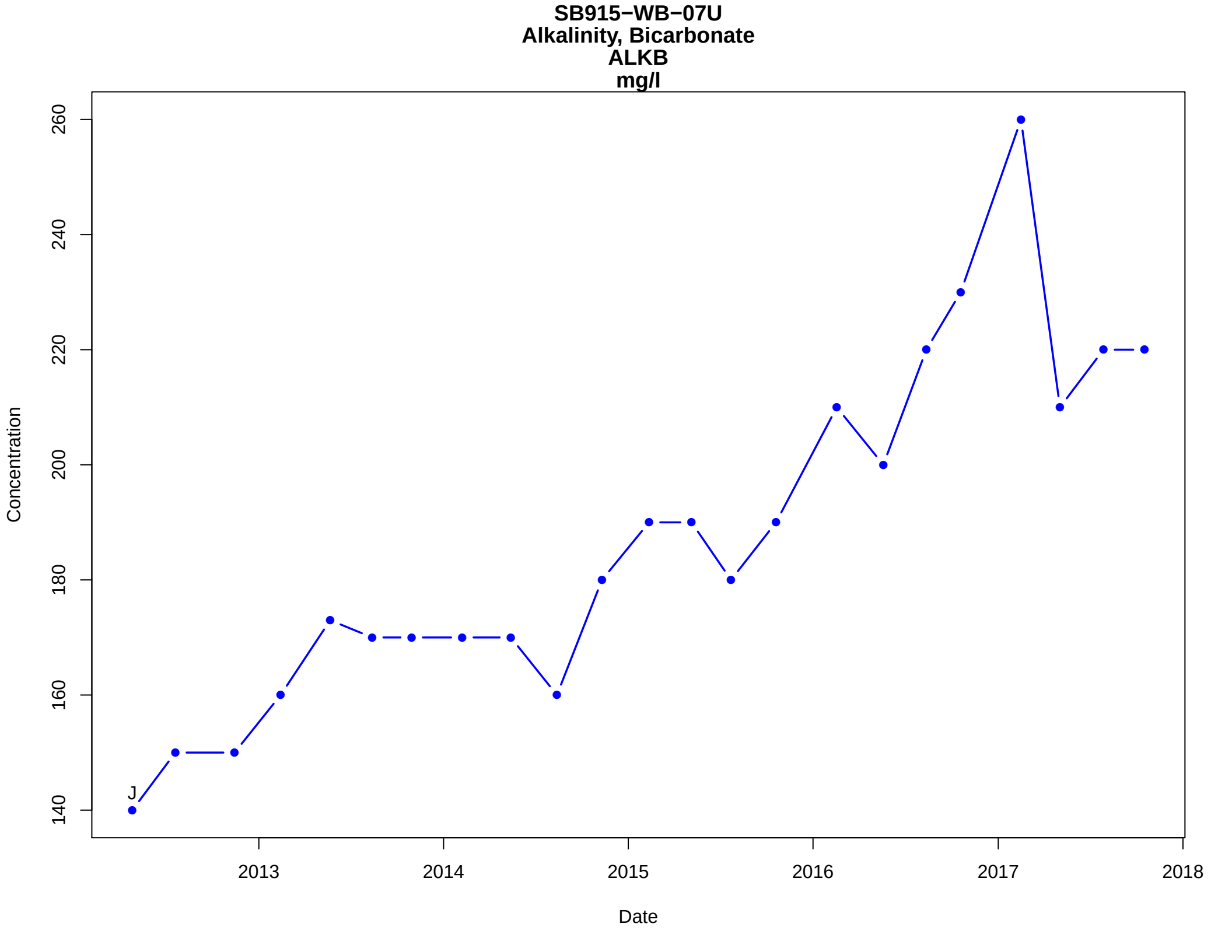

SB915−WB−07U
Magnesium
7439−95−4
mg/L
Concentration
200
400
600
800
1000
1200
J
J
2013
2014
2015
2016
2017
2018
Date

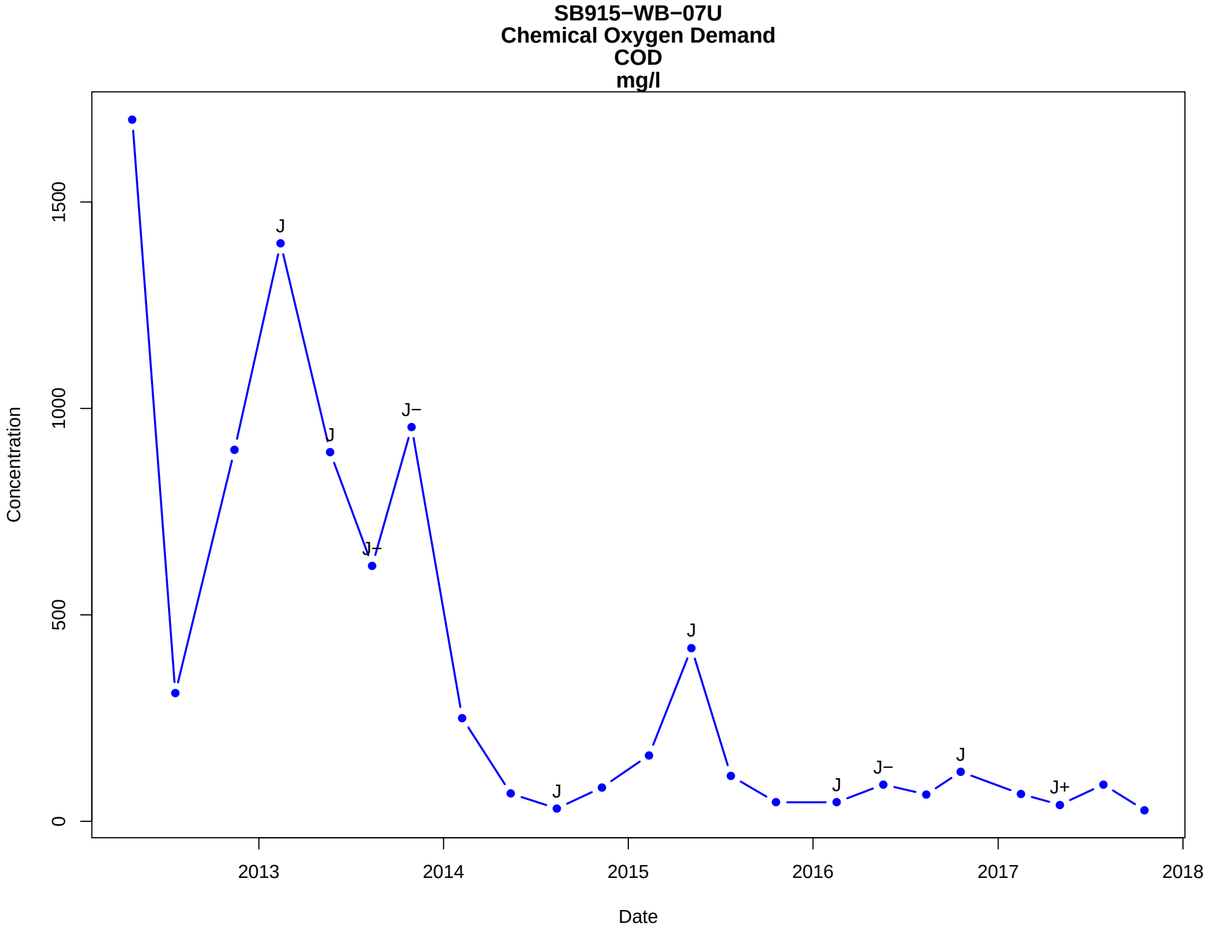

SB915−WB−07U
Manganese
7439−96−5
mg/L
Concentration
0.5
1.0
1.5
2.0
2.5
3.0
3.5
J+
J
J
2013
2014
2015
2016
2017
2018
Date

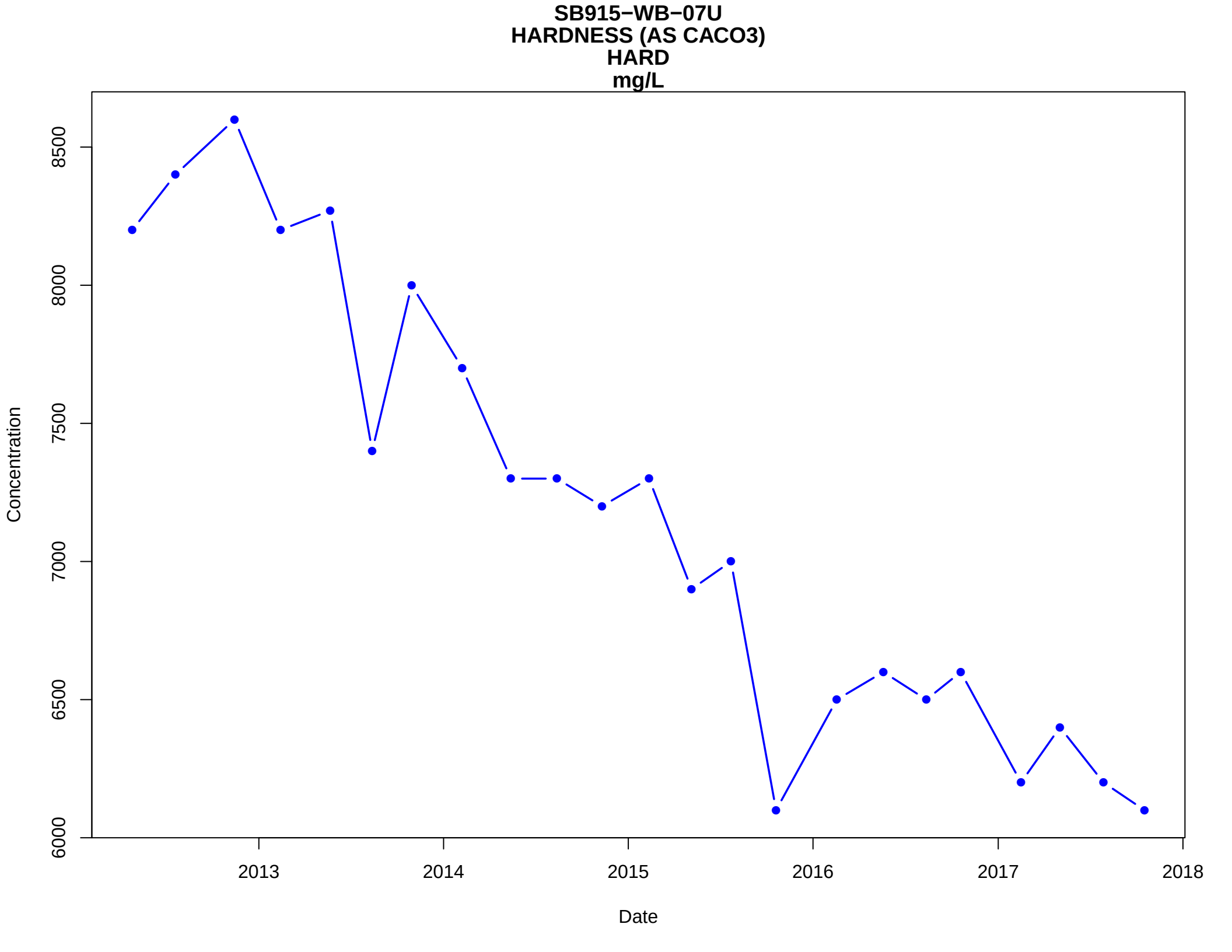

SB915−WB−07U
Sodium
7440−23−5
mg/L
Concentration
5000
10000
15000
20000
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

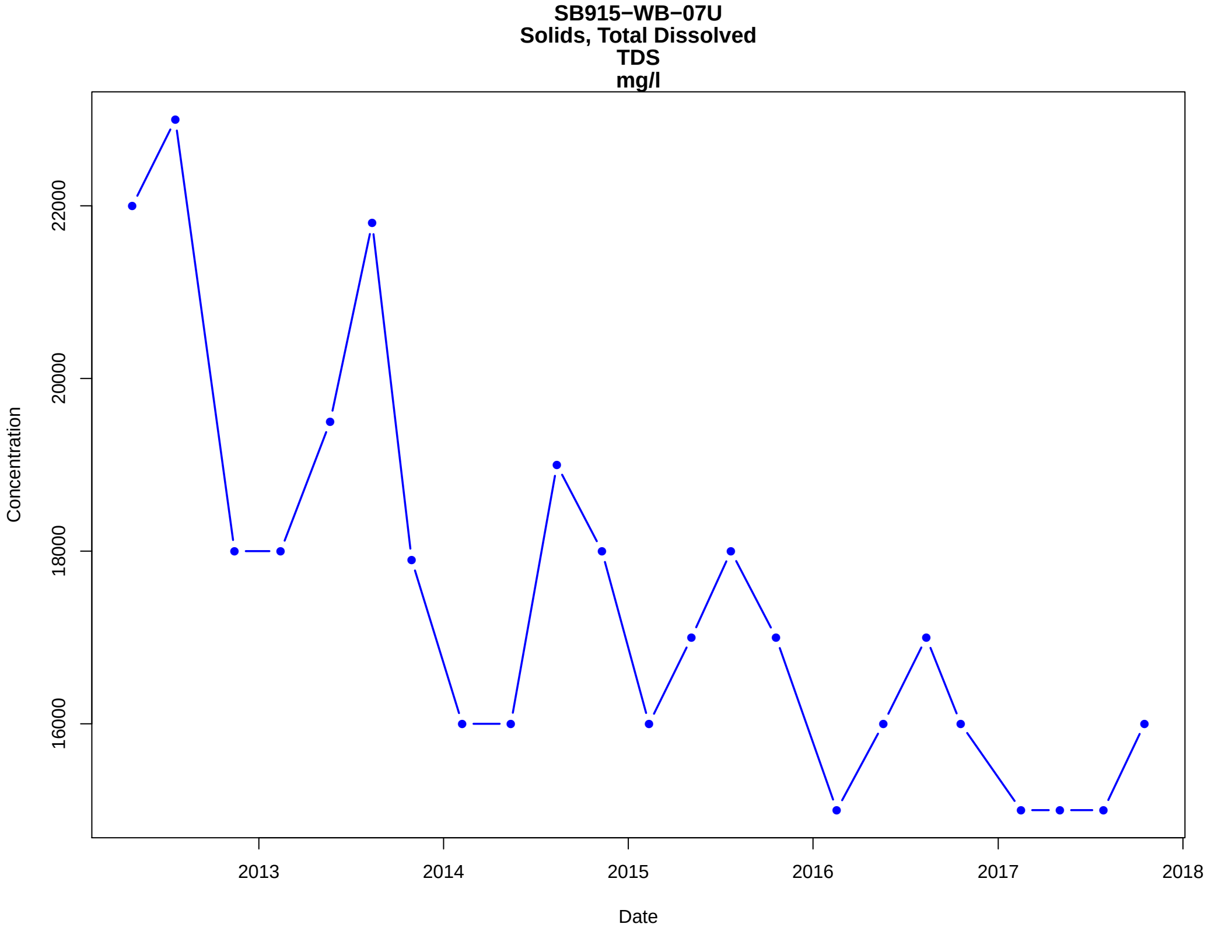

SB915−WB−07U
Calcium
7440−70−2
mg/L
Concentration
5000
10000
15000
20000
J
2013
2014
2015
2016
2017
2018
Date

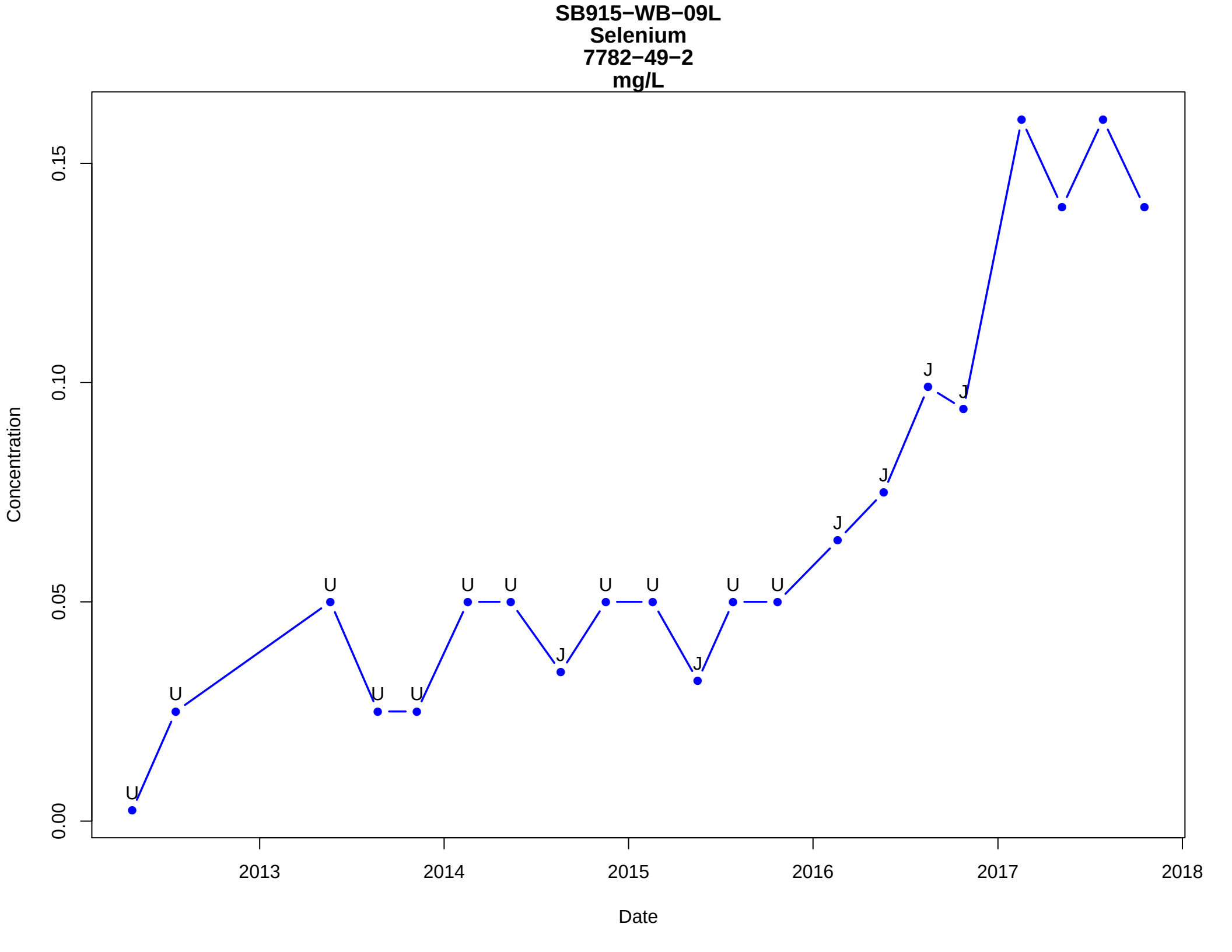

SB915−WB−07U
Alkalinity
ALK
mg/l
Concentration
140
160
180
200
220
240
260
J
2013
2014
2015
2016
2017
2018
Date

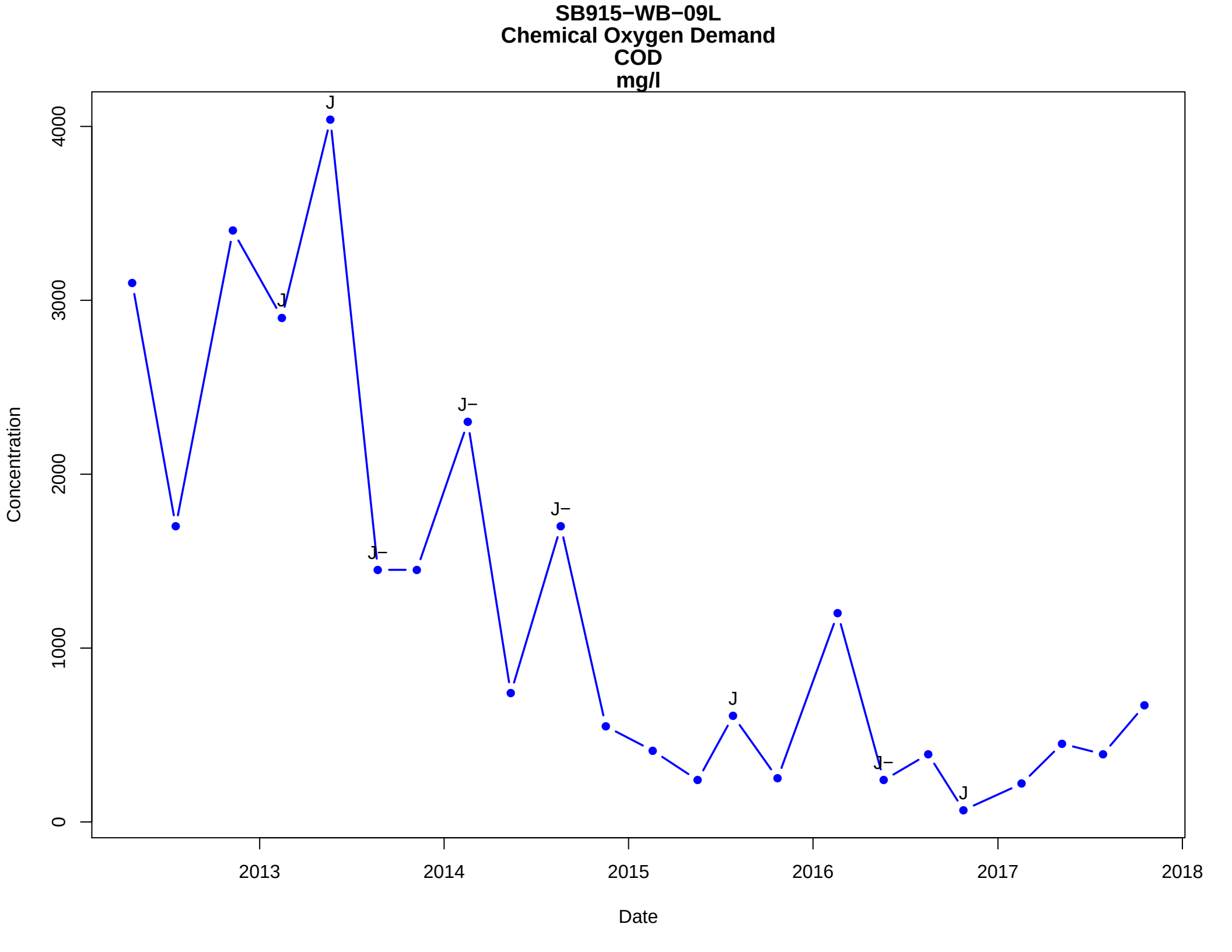

SB915−WB−07U
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
140
160
180
200
220
240
260
J
2013
2014
2015
2016
2017
2018
Date

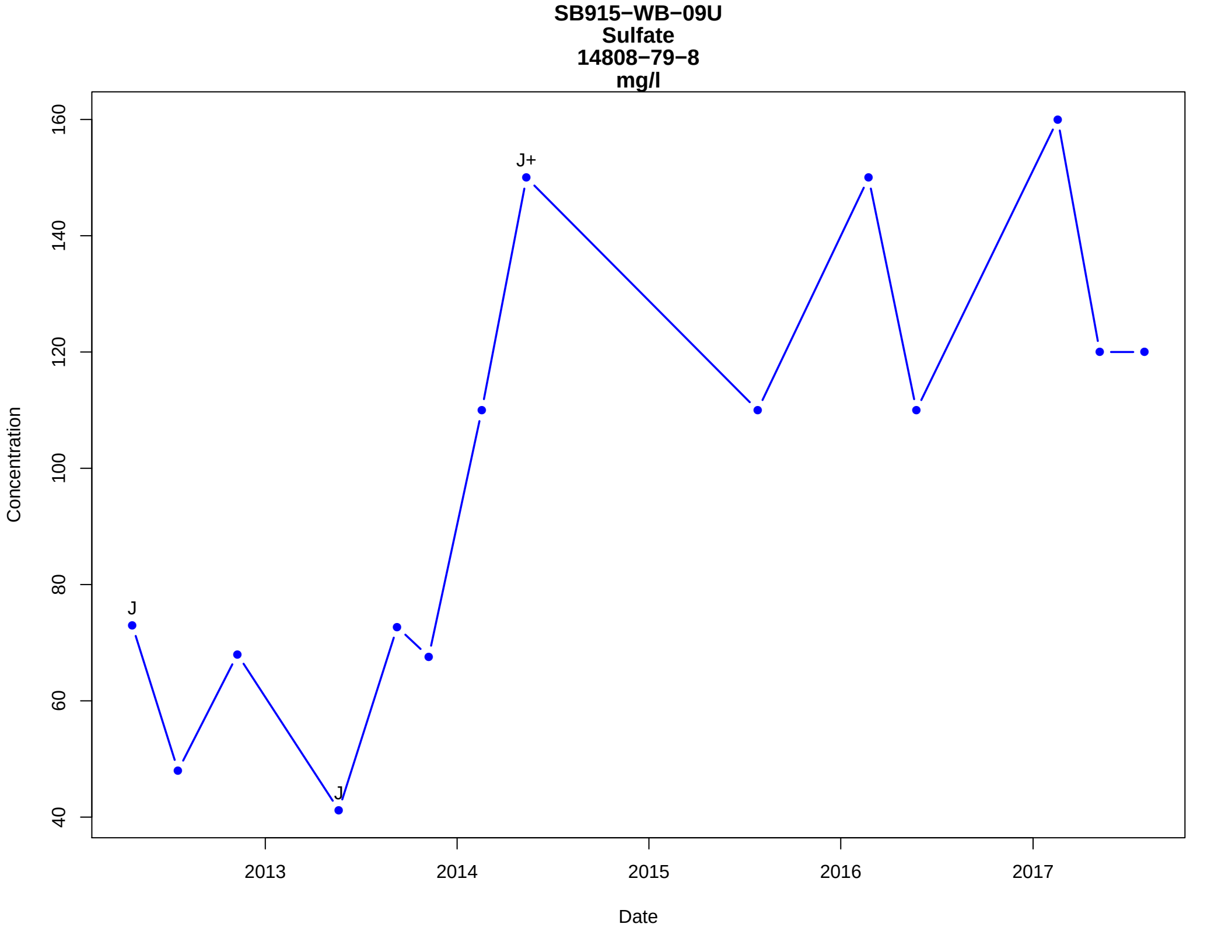

SB915−WB−07U
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
J
J
J+
J−
J
J
J
J−
J
J+
2013
2014
2015
2016
2017
2018
Date

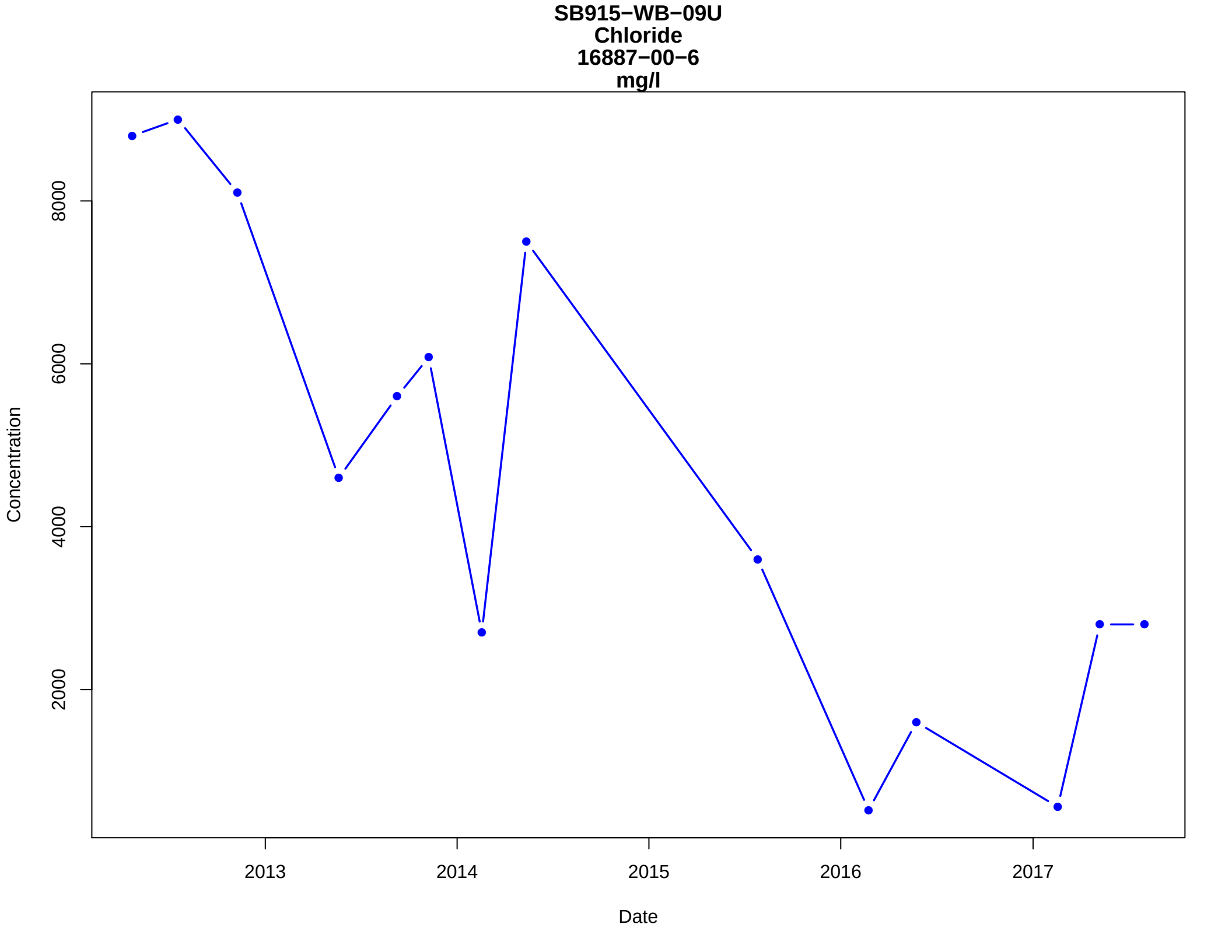

SB915−WB−07U
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
8500
8000
7500
7000
6500
6000
2013
2014
2015
2016
2017
2018
Date

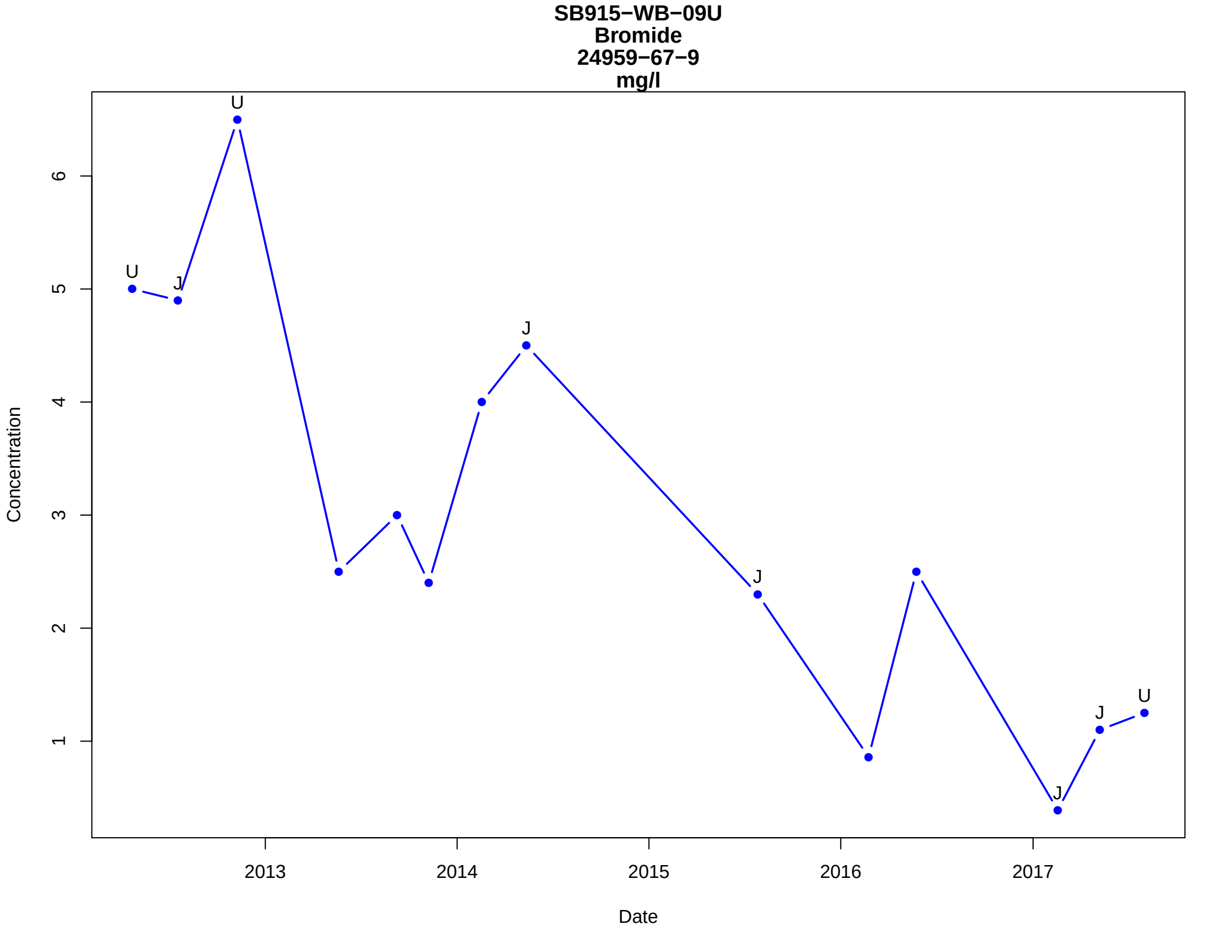

SB915−WB−07U
Solids, Total Dissolved
TDS
mg/l
Concentration
22000
20000
18000
16000
2013
2014
2015
2016
2017
2018
Date

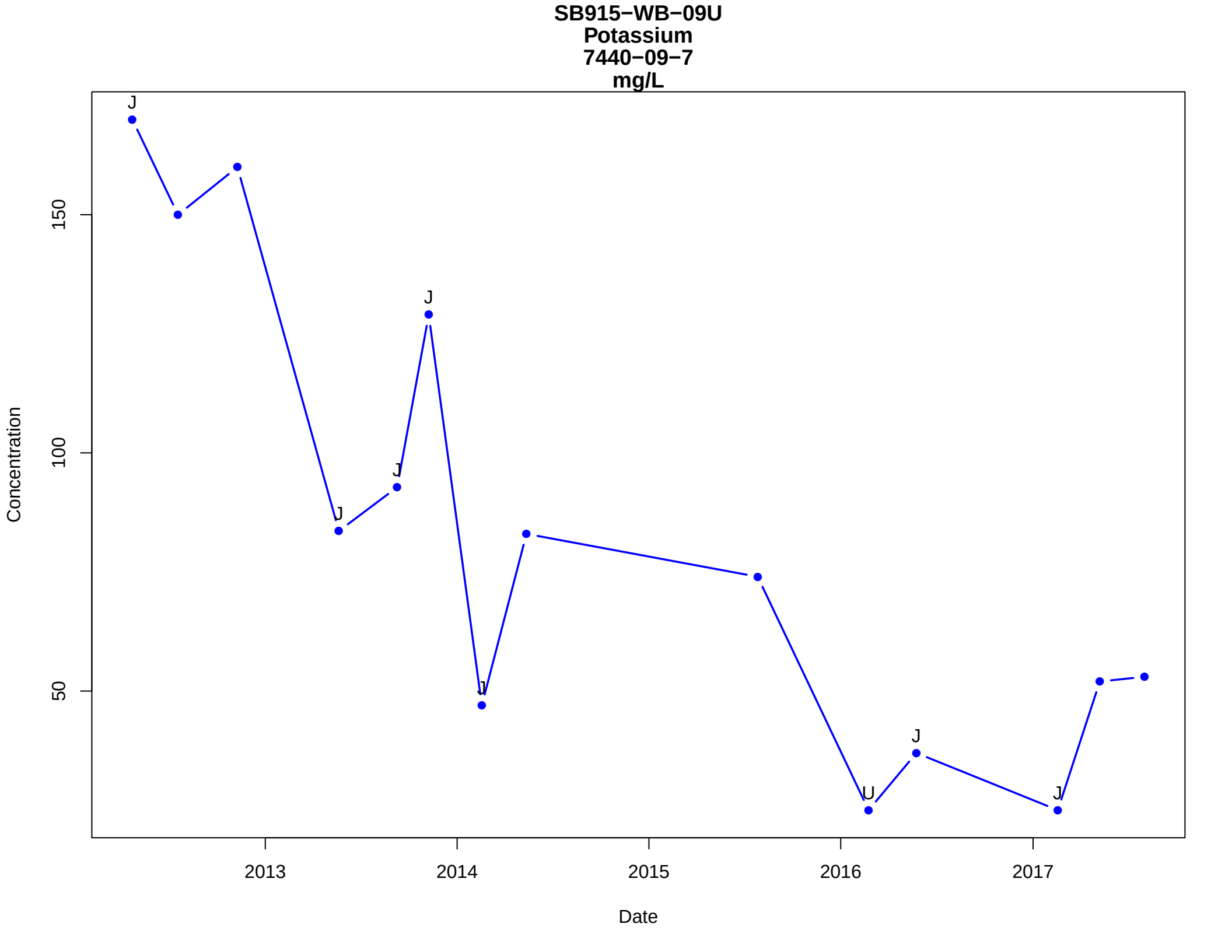

SB915−WB−09L
Selenium
7782−49−2
mg/L
Concentration
0.00
0.05
0.10
0.15
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
J
U
U
J
U
U
J
J
J
J

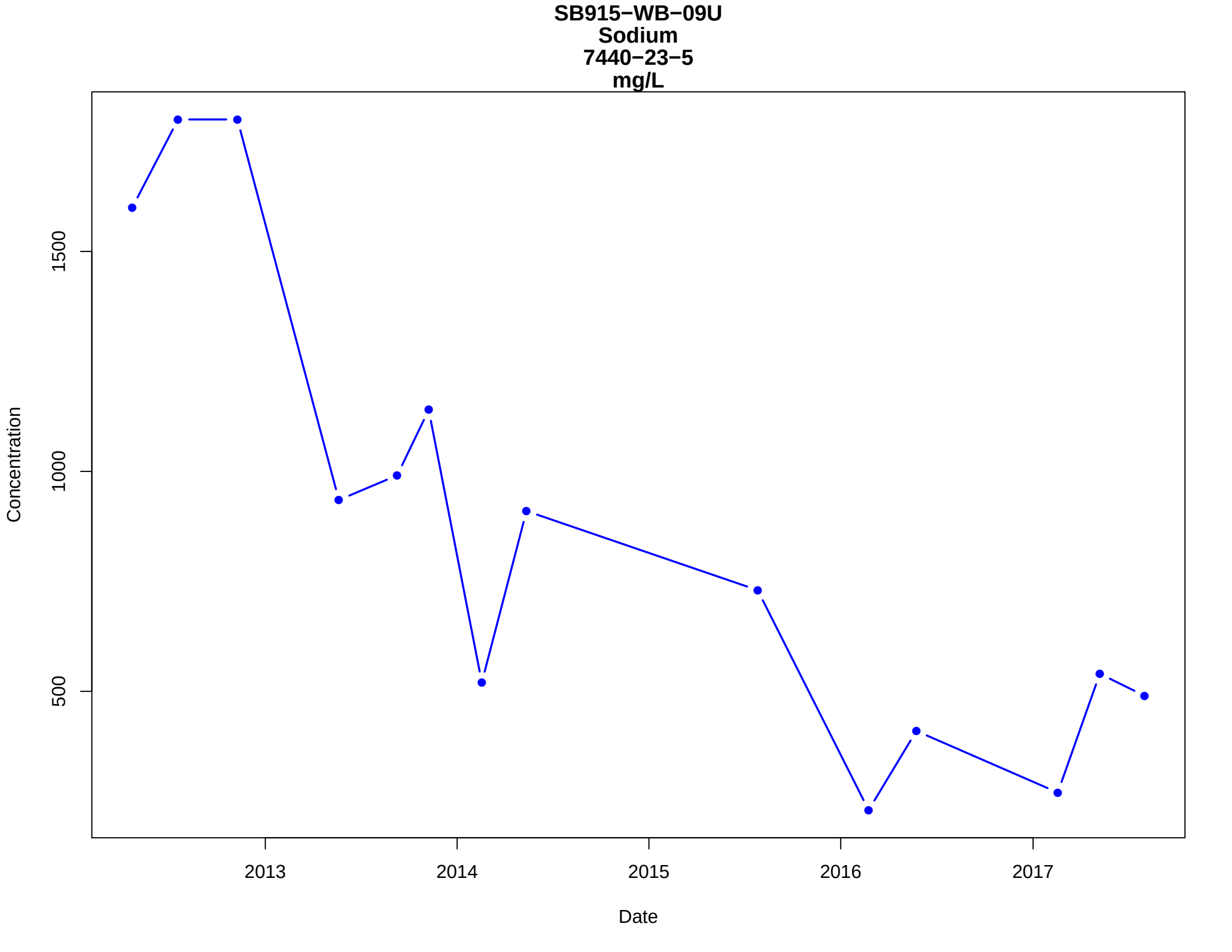

SB915−WB−09L
Chemical Oxygen Demand
COD
mg/l
Concentration
Date
0
1000
2000
3000
4000
2013
2014
2015
2016
2017
2018
J
J
J−
J−
J−
J
J−
J

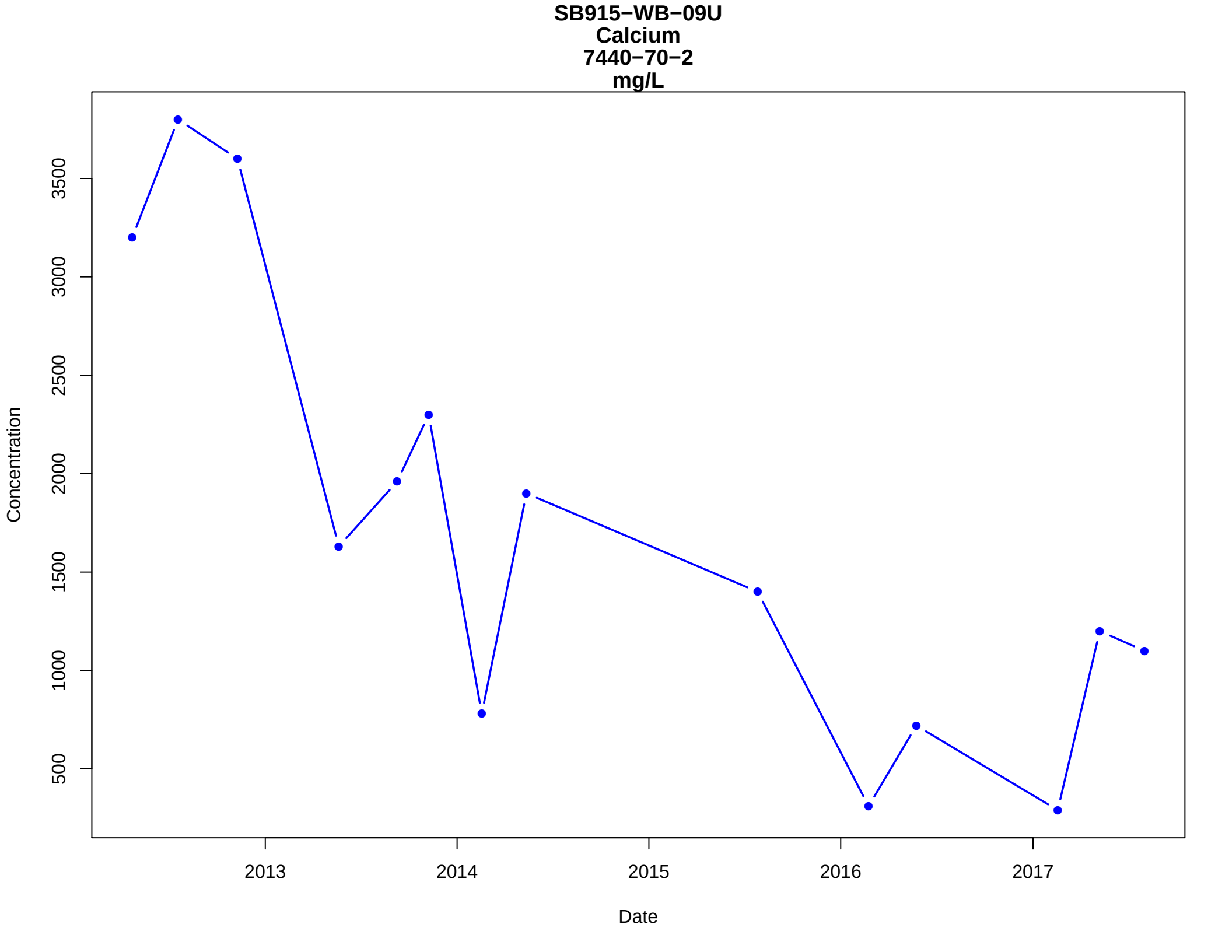

SB915−WB−09U
Sulfate
14808−79−8
mg/l
Concentration
40
60
80
100
120
140
160
J
J
J+
2013
2014
2015
2016
2017
Date

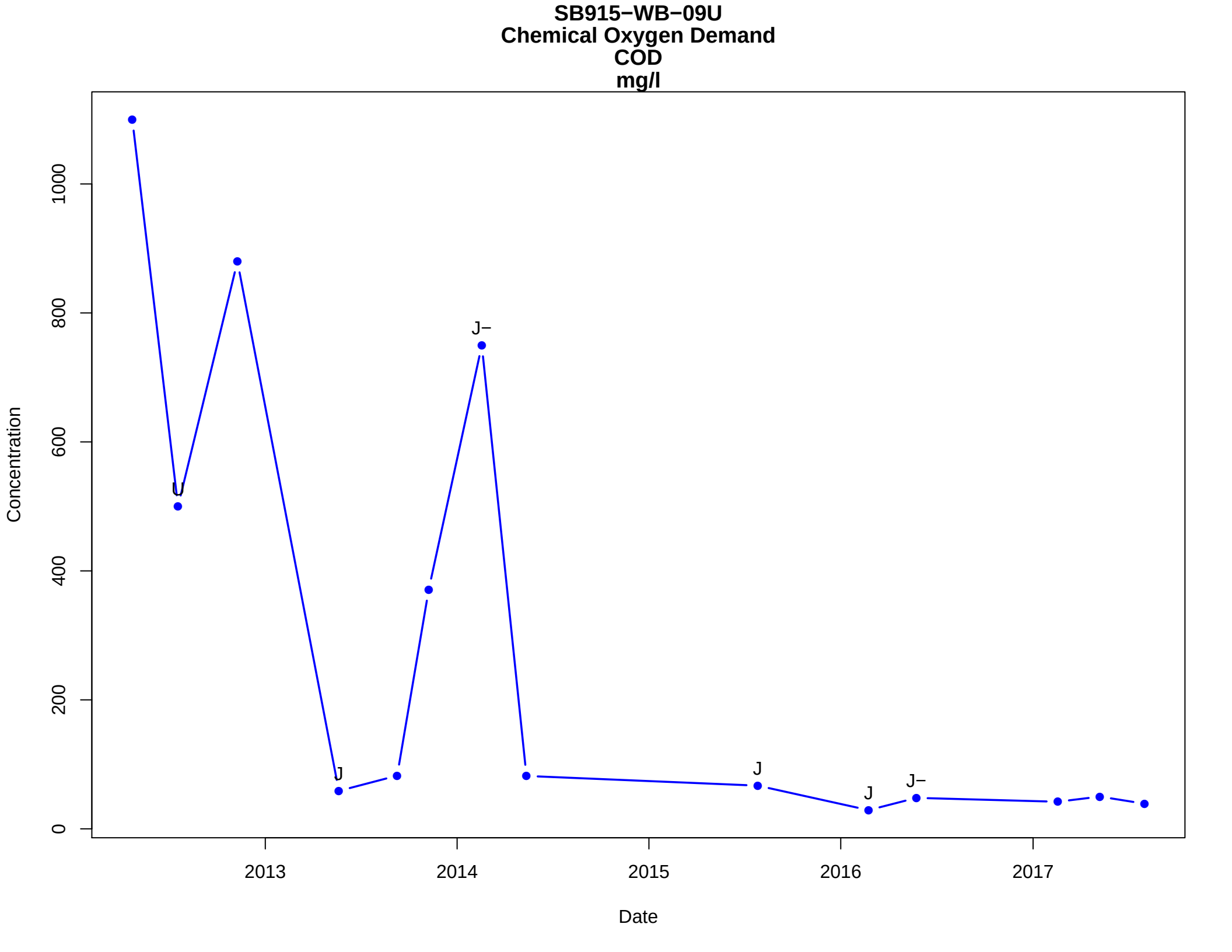

SB915−WB−09U
Chloride
16887−00−6
mg/l
Concentration
8000
6000
4000
2000
2013
2014
2015
2016
2017
Date

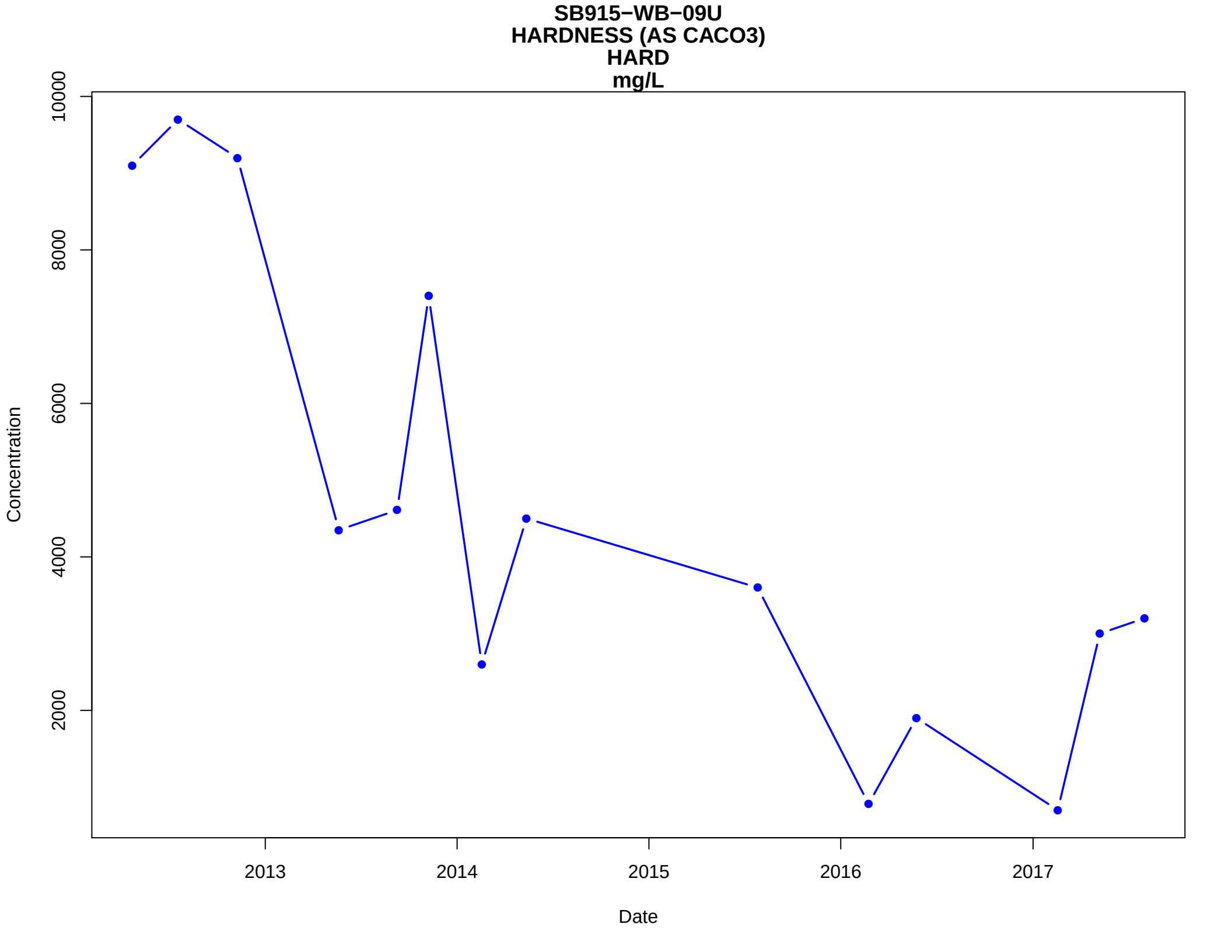

SB915−WB−09U
Bromide
24959−67−9
mg/l
Concentration
Date
1
2
3
4
5
6
2013
2014
2015
2016
2017
U
J
U
J
J
J
J
J
U

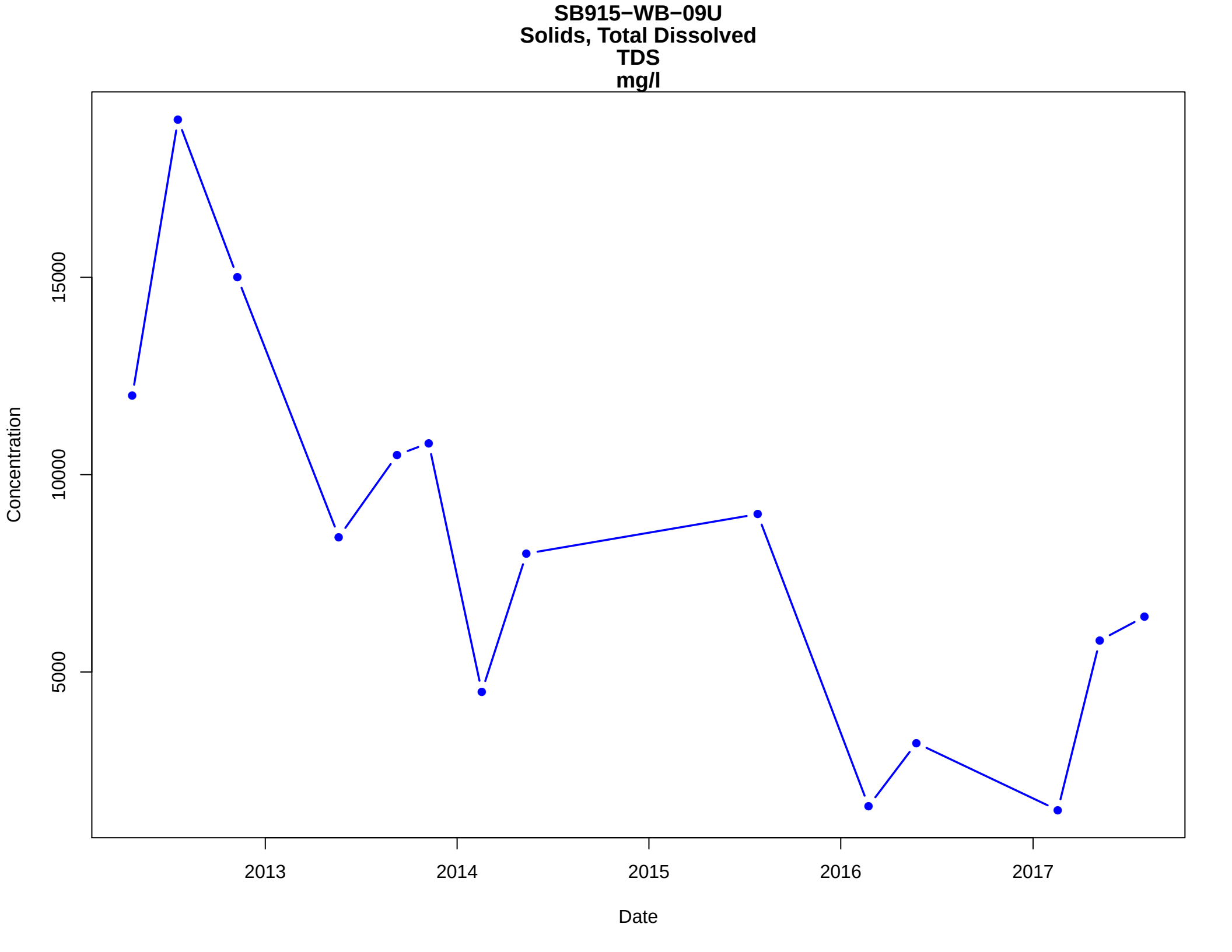

SB915−WB−09U
Potassium
7440−09−7
mg/L
Concentration
150
100
50
J
J
J
J
J
U
J
J
2013
2014
2015
2016
2017
Date

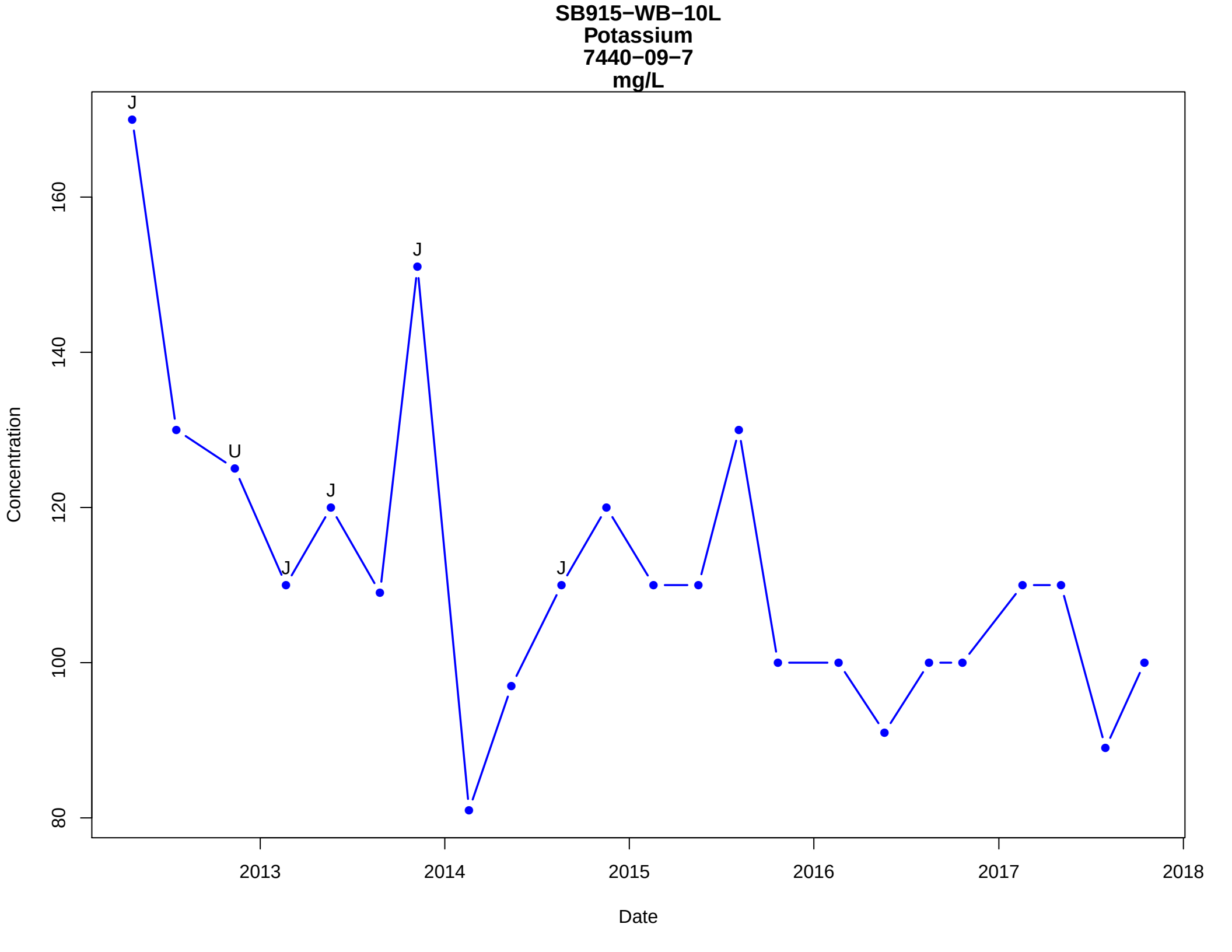

SB915−WB−09U
Sodium
7440−23−5
mg/L
Concentration
1500
1000
500
2013
2014
2015
2016
2017
Date

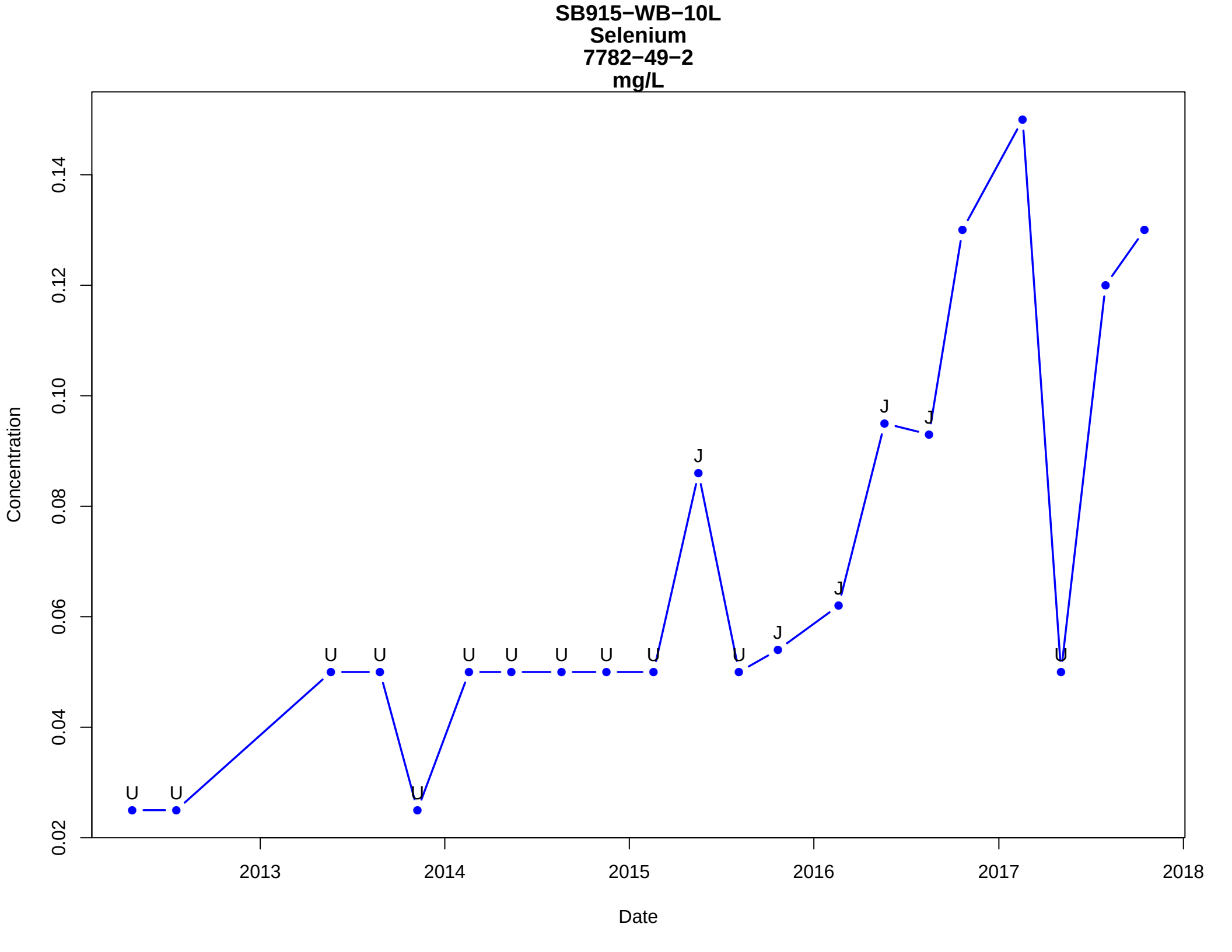

SB915−WB−09U
Calcium
7440−70−2
mg/L
Concentration
500
1000
1500
2000
2500
3000
3500
2013
2014
2015
2016
2017
Date

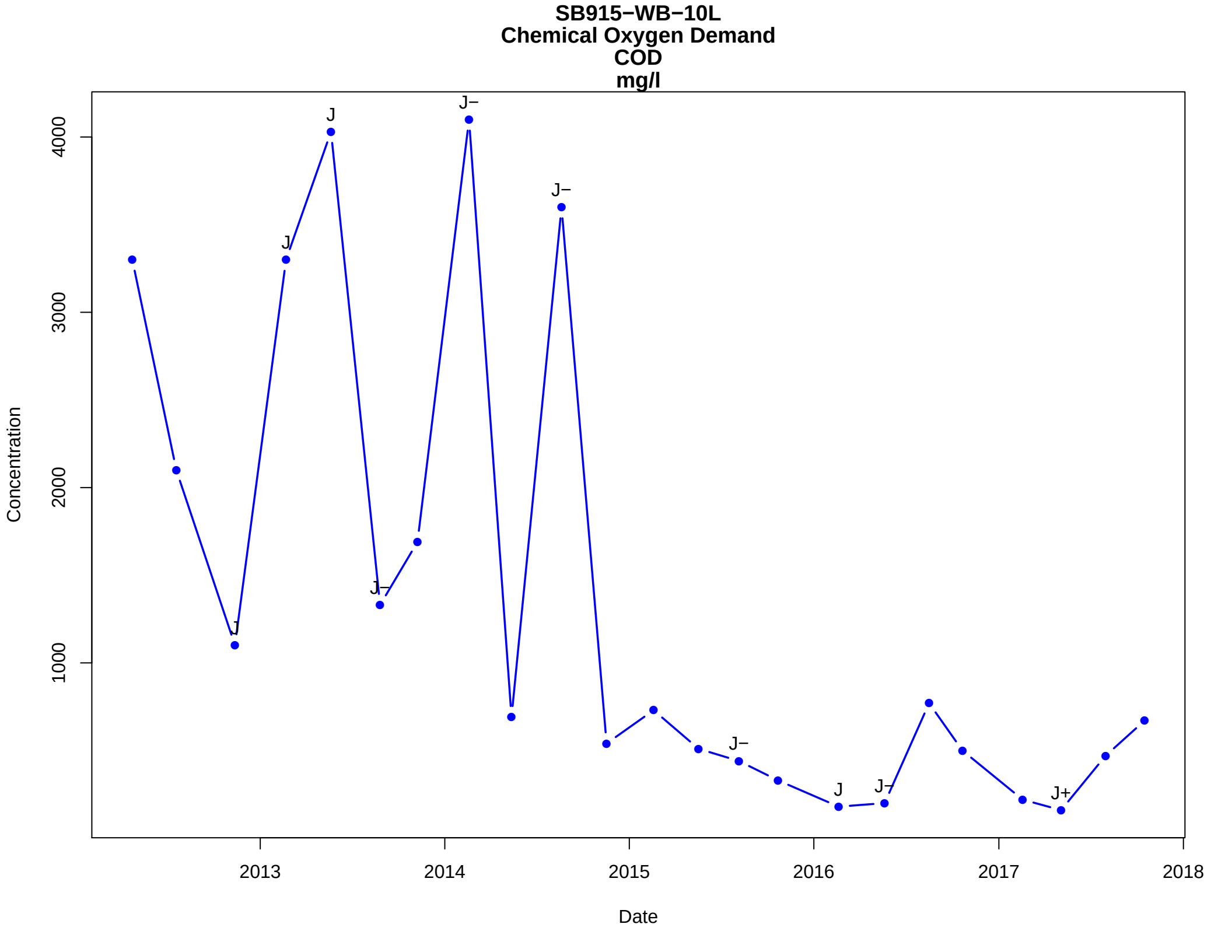

SB915−WB−09U
Chemical Oxygen Demand
COD
mg/l
Concentration
0
200
400
600
800
1000
U
J
J−
J
J
J−
2013
2014
2015
2016
2017
Date

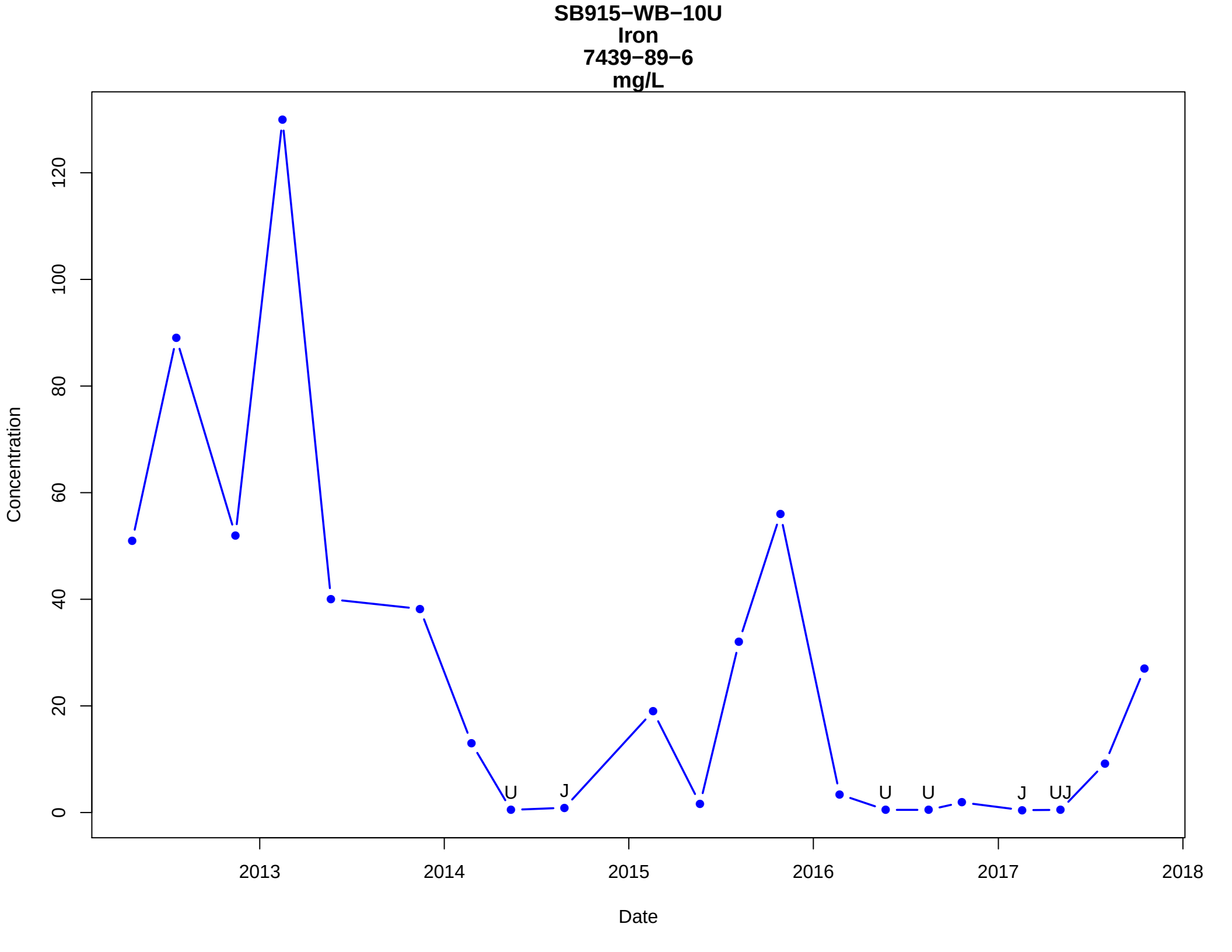

SB915−WB−09U
HARDNESS (AS CACO3)
HARD
mg/L
Concentration
10000
8000
6000
4000
2000
2013
2014
2015
2016
2017
Date

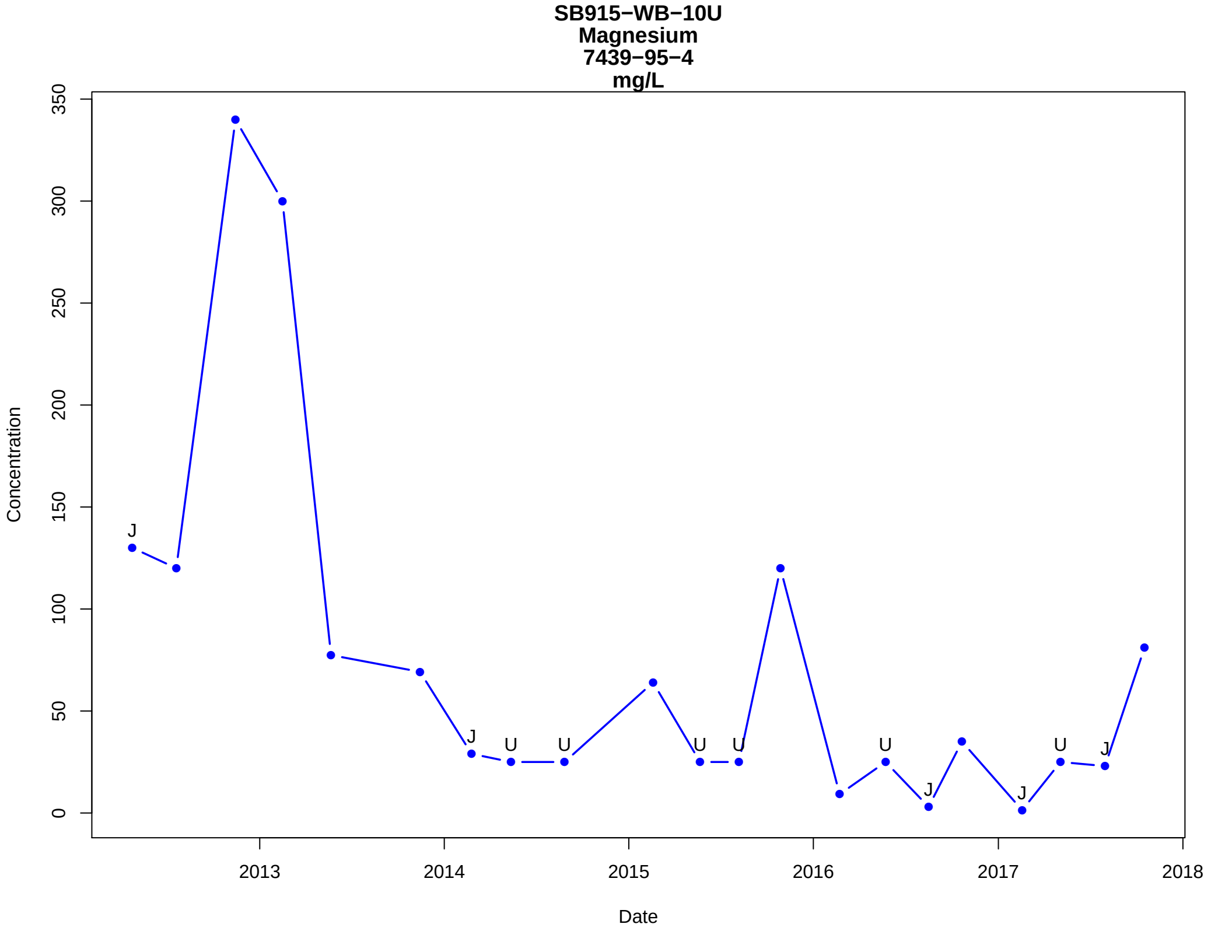

SB915−WB−09U
Solids, Total Dissolved
TDS
mg/l
Concentration
5000
10000
15000
2013
2014
2015
2016
2017
Date

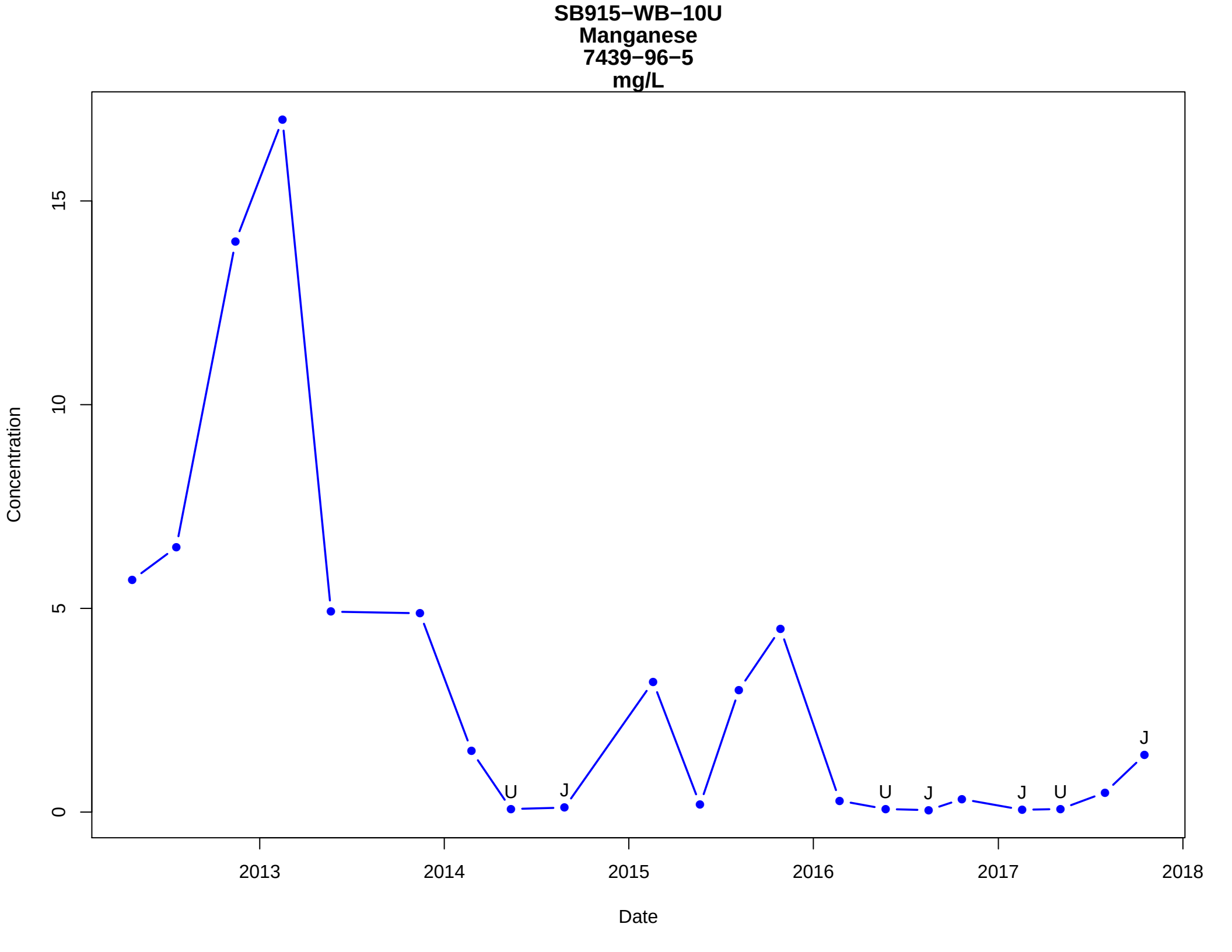

SB915−WB−10L
Potassium
7440−09−7
mg/L
Concentration
80
100
120
140
160
J
U
J
J
J
J
2013
2014
2015
2016
2017
2018
Date

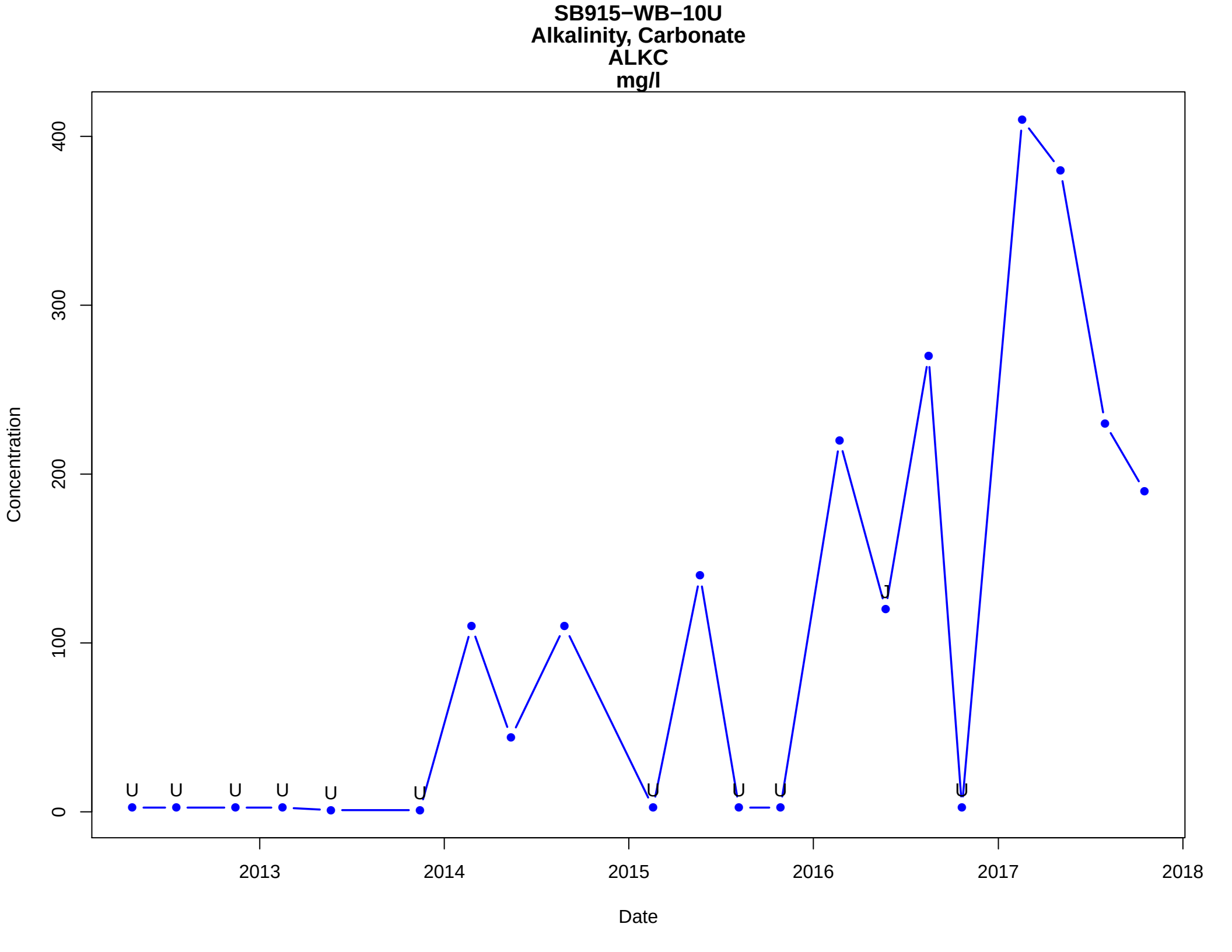

SB915−WB−10L
Selenium
7782−49−2
mg/L
Concentration
0.02
0.04
0.06
0.08
0.10
0.12
0.14
2013
2014
2015
2016
2017
2018
Date
U
U
U
U
U
U
U
U
U
U
J
U
J
J
J
U

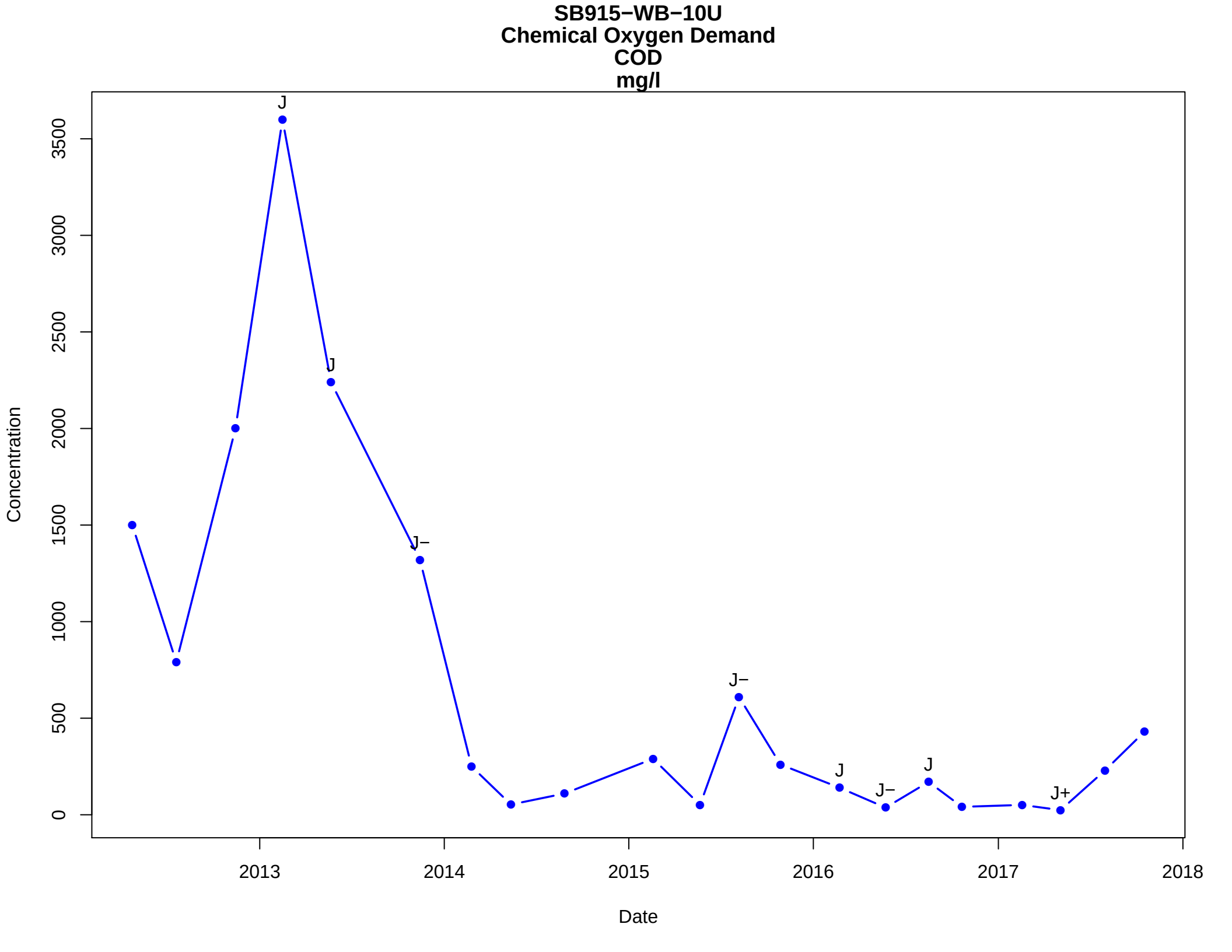

SB915−WB−10L
Chemical Oxygen Demand
COD
mg/l
Concentration
Date
1000
2000
3000
4000
2013
2014
2015
2016
2017
2018
J
J
J
J−
J−
J−
J
J−
J
J+

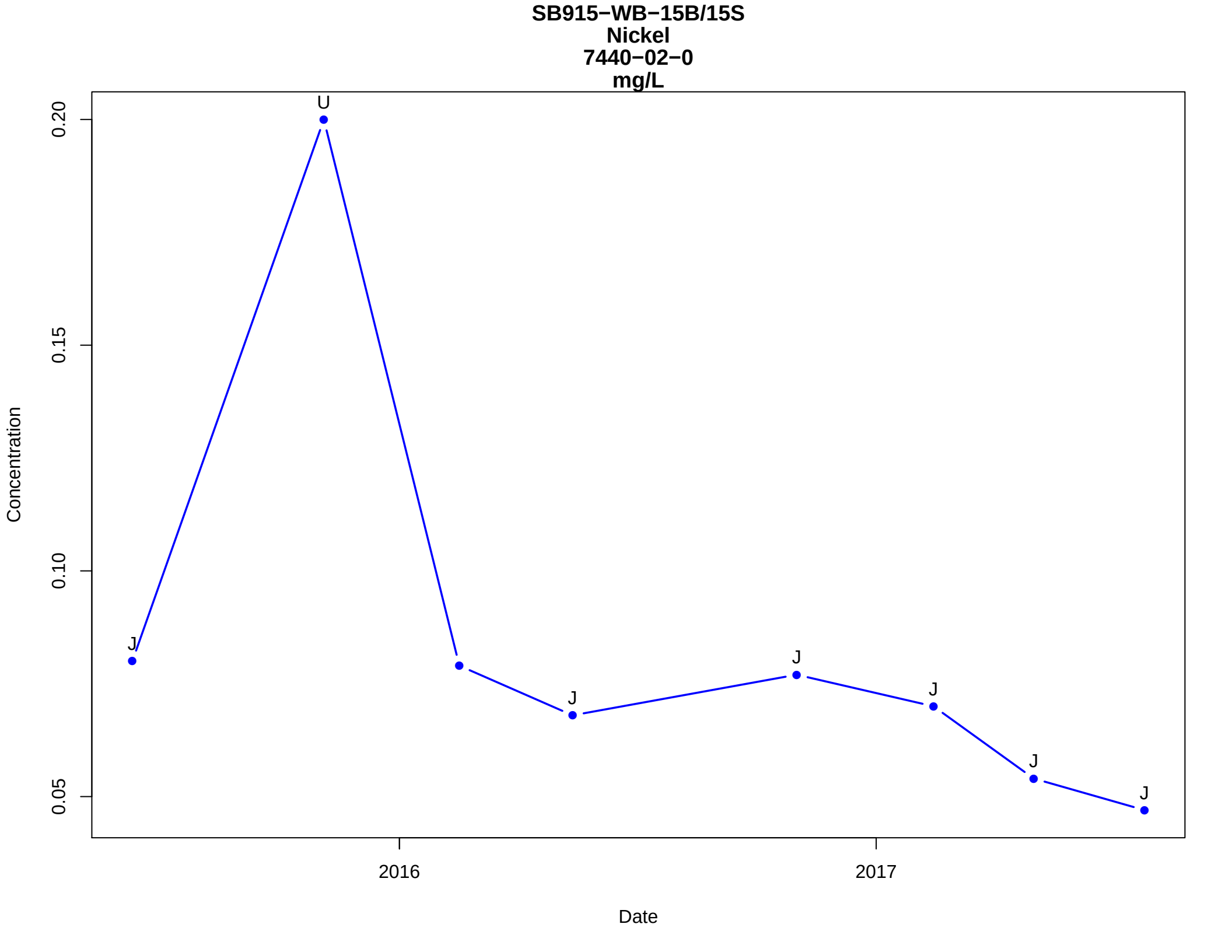

SB915−WB−10U
Iron
7439−89−6
mg/L
Concentration
0
20
40
60
80
100
120
U
J
U
U
J
UJ
2013
2014
2015
2016
2017
2018
Date

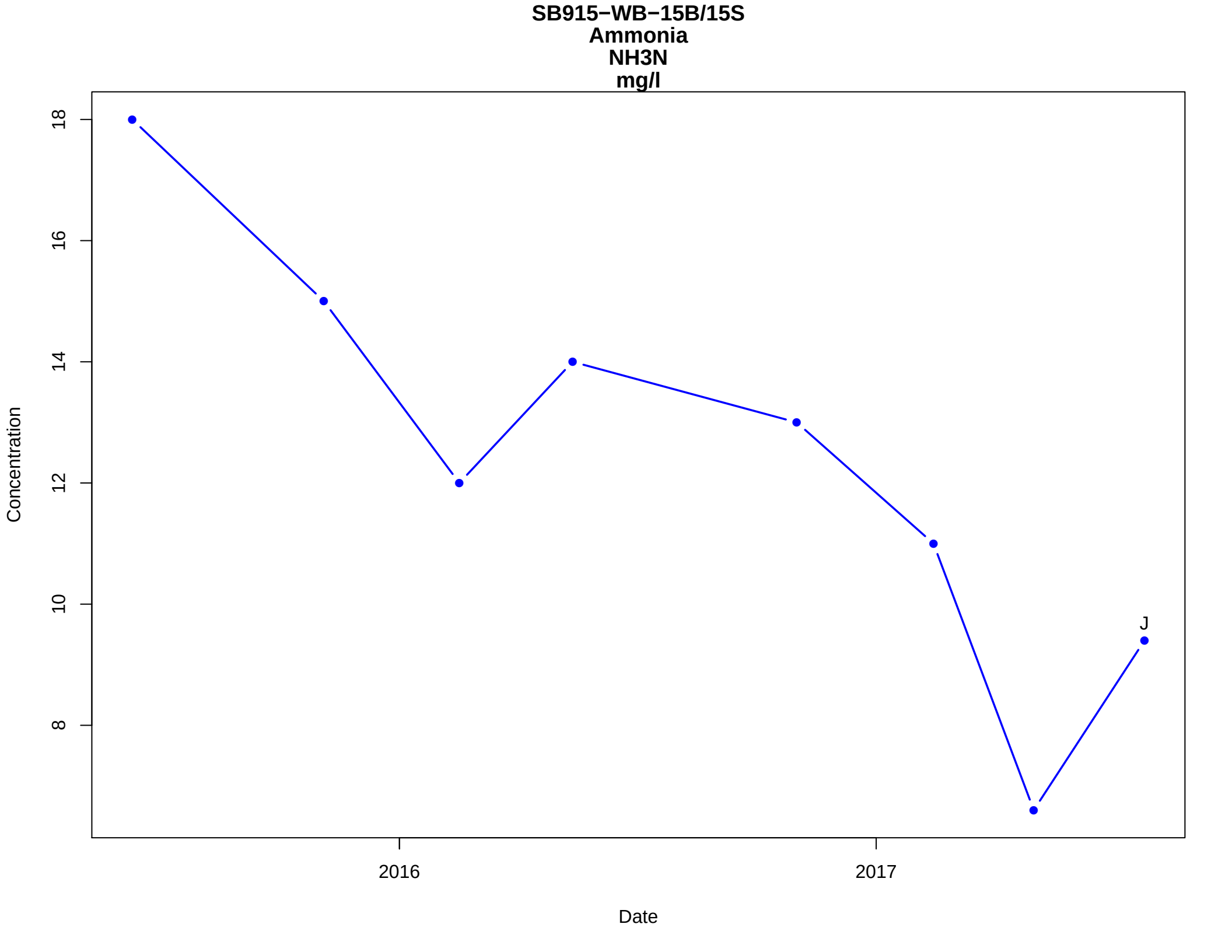

SB915−WB−10U
Magnesium
7439−95−4
mg/L
Concentration
0
50
100
150
200
250
300
350
J
J
U
U
U
U
J
J
J
U
J
2013
2014
2015
2016
2017
2018
Date

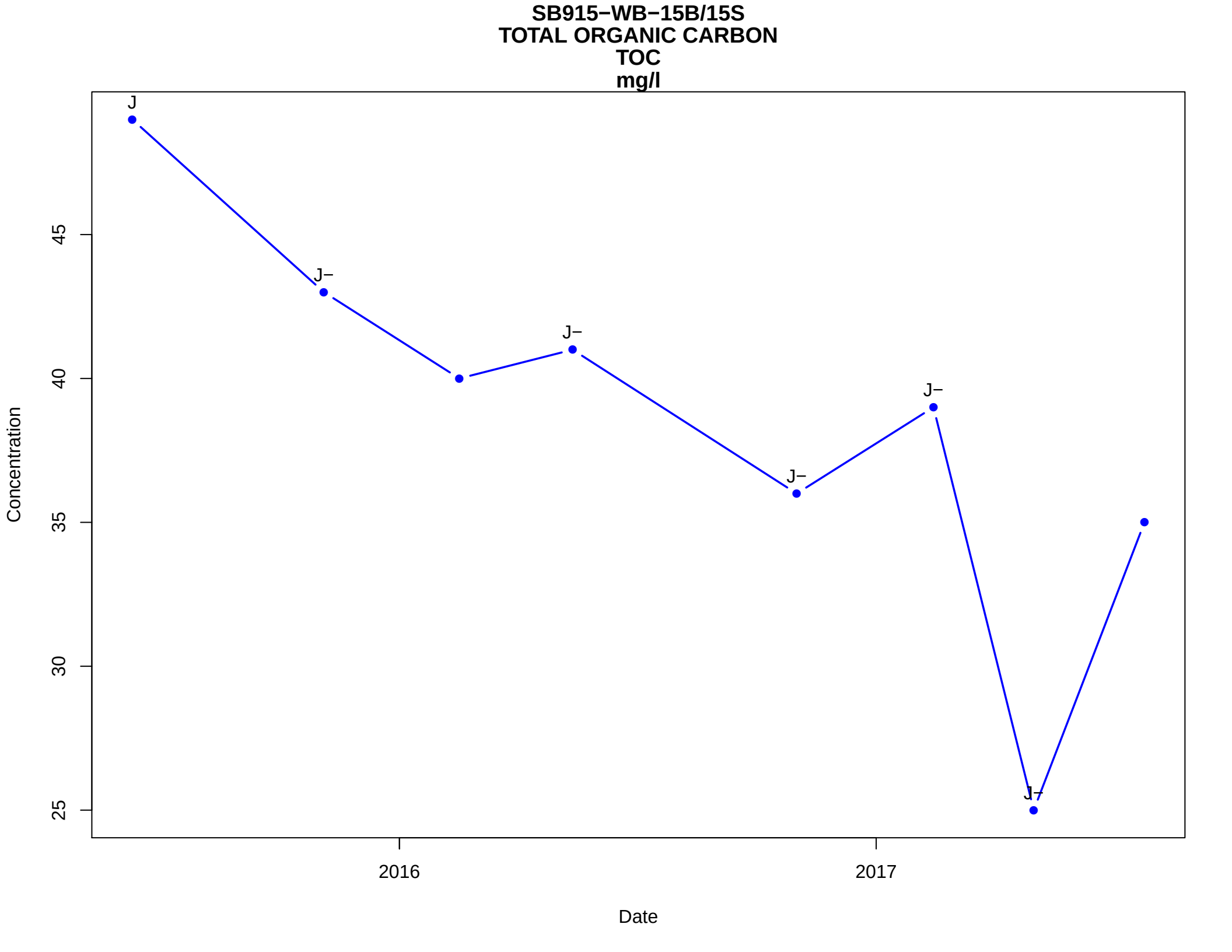

SB915−WB−10U
Manganese
7439−96−5
mg/L
Concentration
0
5
10
15
U
J
U
J
J
U
J
2013
2014
2015
2016
2017
2018
Date


SB915−WB−10U
Alkalinity, Carbonate
ALKC
mg/l
Concentration
0
100
200
300
400
U
U
U
U
U
U
U
U
U
U
J
U
2013
2014
2015
2016
2017
2018
Date


SB915−WB−10U
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
3500
J
J
J−
J−
J
J−
J
J+
2013
2014
2015
2016
2017
2018
Date


SB915−WB−15B/15S
Nickel
7440−02−0
mg/L
Concentration
0.05
0.10
0.15
0.20
U
J
J
J
J
J
J
2016
2017
Date


SB915−WB−15B/15S
Ammonia
NH3N
mg/l
Concentration
18
16
14
12
10
8
2016
2017
Date
J


SB915−WB−15B/15S
TOTAL ORGANIC CARBON
TOC
mg/l
J
J−
J−
J−
J−
J−
Concentration
45
40
35
30
25
2016
2017
Date

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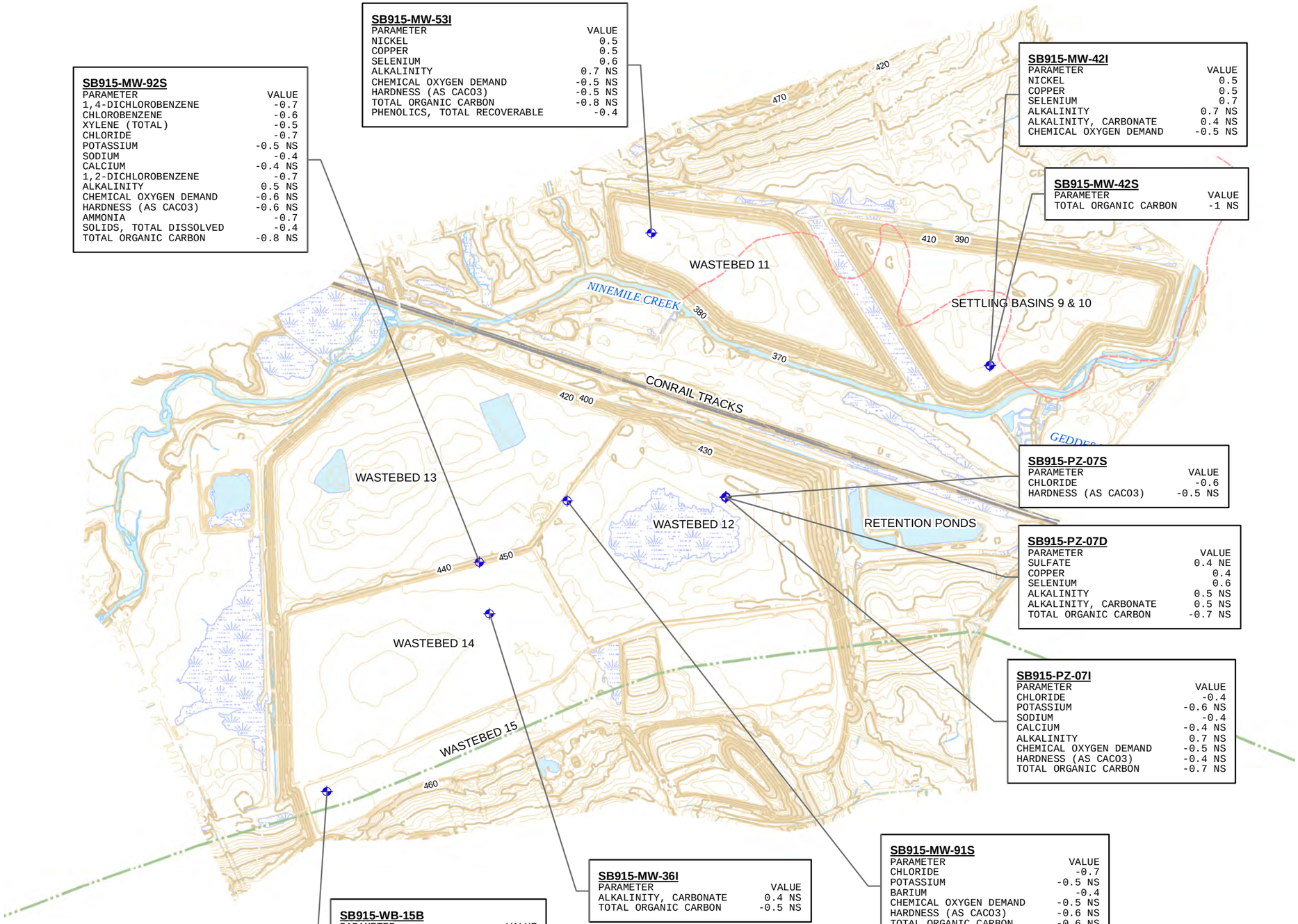

SB915-MW-92S

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.7
CHLOROBENZENE	-0.6
XYLENE (TOTAL)	-0.5
CHLORIDE	-0.7
POTASSIUM	-0.5 NS
SODIUM	-0.4
CALCIUM	-0.4 NS
1,2-DICHLOROBENZENE	-0.7
ALKALINITY	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	-0.6 NS
AMMONIA	-0.7
SOLIDS, TOTAL DISSOLVED	-0.4
TOTAL ORGANIC CARBON	-0.8 NS

SB915-MW-53I

PARAMETER	VALUE
NICKEL	0.5
COPPER	0.5
SELENIUM	0.6
ALKALINITY	0.7 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.5 NS
TOTAL ORGANIC CARBON	-0.8 NS
PHENOLICS, TOTAL RECOVERABLE	-0.4

SB915-MW-42I

PARAMETER	VALUE
NICKEL	0.5
COPPER	0.5
SELENIUM	0.7
ALKALINITY	0.7 NS
ALKALINITY, CARBONATE	0.4 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-MW-42S

PARAMETER	VALUE
TOTAL ORGANIC CARBON	-1 NS

SB915-PZ-07S

PARAMETER	VALUE
CHLORIDE	-0.6
HARDNESS (AS CACO3)	-0.5 NS

SB915-PZ-07D

PARAMETER	VALUE
SULFATE	0.4 NE
COPPER	0.4
SELENIUM	0.6
ALKALINITY	0.5 NS
ALKALINITY, CARBONATE	0.5 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-PZ-07I

PARAMETER	VALUE
CHLORIDE	-0.4
POTASSIUM	-0.6 NS
SODIUM	-0.4
CALCIUM	-0.4 NS
ALKALINITY	0.7 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.4 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-MW-91S

PARAMETER	VALUE
CHLORIDE	-0.7
POTASSIUM	-0.5 NS
BARIUM	-0.4
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.6 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-36I

PARAMETER	VALUE
ALKALINITY, CARBONATE	0.4 NS
TOTAL ORGANIC CARBON	-0.5 NS

SB915-WB-15B

PARAMETER	VALUE
NICKEL	-0.8 NE
AMMONIA	-0.8
TOTAL ORGANIC CARBON	-0.8 NS

N

LEGEND

MONITORING WELL

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

SOLVAY WASTE/ SHALLOW FILL GROUNDWATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

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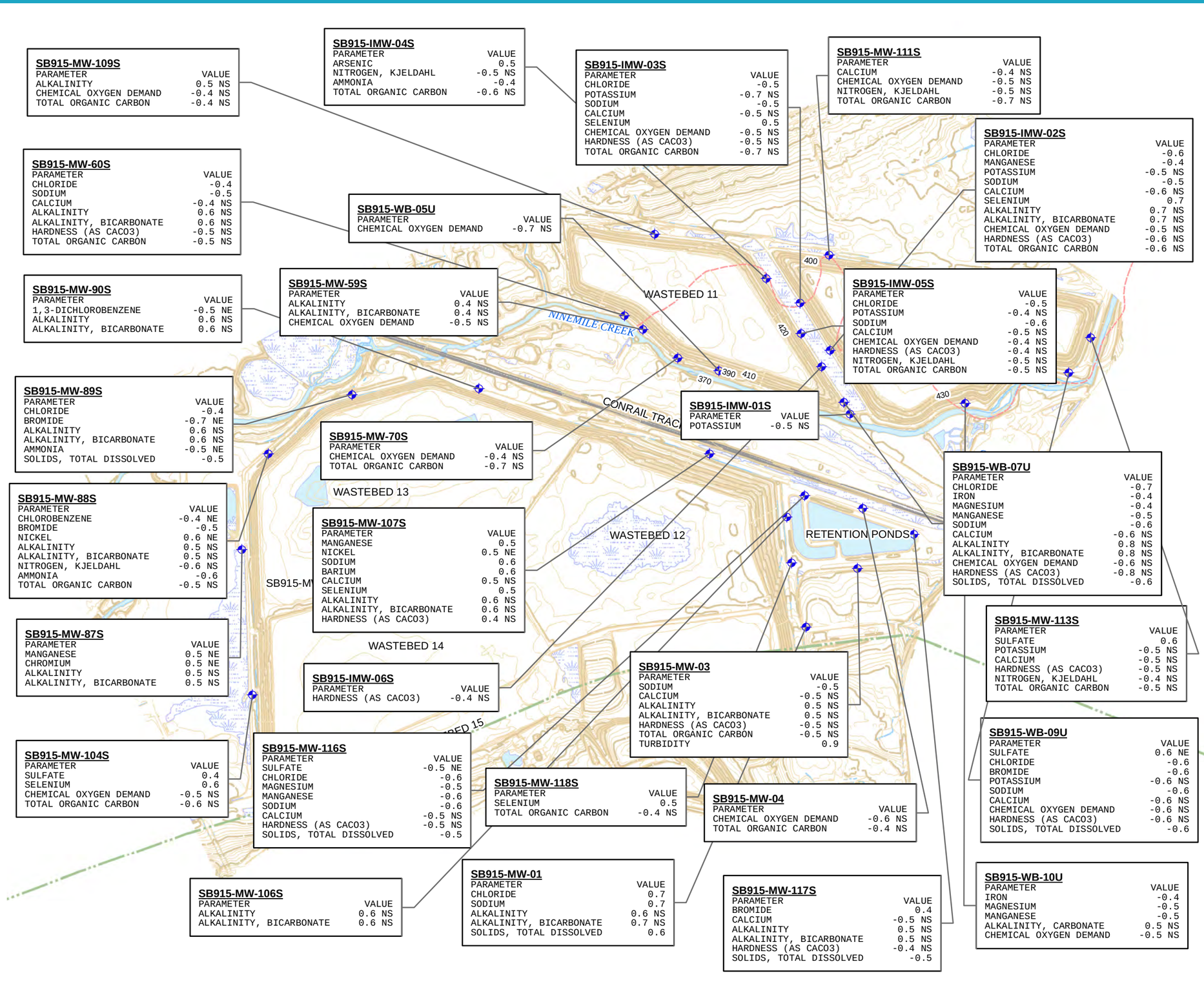

SB915-MW-109S

PARAMETER	VALUE
ALKALINITY	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.4 NS
TOTAL ORGANIC CARBON	-0.4 NS

SB915-IMW-04S

PARAMETER	VALUE
ARSENIC	0.5
NITROGEN, KJELDAHL	-0.5 NS
AMMONIA	-0.4
TOTAL ORGANIC CARBON	-0.6 NS

SB915-IMW-03S

PARAMETER	VALUE
CHLORIDE	-0.5
POTASSIUM	-0.7 NS
SODIUM	-0.5
CALCIUM	-0.5 NS
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.5 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-MW-111S

PARAMETER	VALUE
CALCIUM	-0.4 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
NITROGEN, KJELDAHL	-0.5 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-IMW-02S

PARAMETER	VALUE
CHLORIDE	-0.6
MANGANESE	-0.4
POTASSIUM	-0.5 NS
SODIUM	-0.5
CALCIUM	-0.6 NS
SELENIUM	0.7
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.6 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-60S

PARAMETER	VALUE
CHLORIDE	-0.4
SODIUM	-0.5
CALCIUM	-0.4 NS
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
HARDNESS (AS CACO3)	-0.5 NS
TOTAL ORGANIC CARBON	-0.5 NS

SB915-WB-05U

PARAMETER	VALUE
CHEMICAL OXYGEN DEMAND	-0.7 NS

SB915-MW-59S

PARAMETER	VALUE
ALKALINITY	0.4 NS
ALKALINITY, BICARBONATE	0.4 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-IMW-05S

PARAMETER	VALUE
CHLORIDE	-0.5
POTASSIUM	-0.4 NS
SODIUM	-0.6
CALCIUM	-0.5 NS
CHEMICAL OXYGEN DEMAND	-0.4 NS
HARDNESS (AS CACO3)	-0.4 NS
NITROGEN, KJELDAHL	-0.5 NS
TOTAL ORGANIC CARBON	-0.5 NS

SB915-MW-90S

PARAMETER	VALUE
1,3-DICHLOROBENZENE	-0.5 NE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS

SB915-MW-89S

PARAMETER	VALUE
CHLORIDE	-0.4
BROMIDE	-0.7 NE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
AMMONIA	-0.5 NE
SOLIDS, TOTAL DISSOLVED	-0.5

SB915-IMW-01S

PARAMETER	VALUE
POTASSIUM	-0.5 NS

SB915-MW-70S

PARAMETER	VALUE
CHEMICAL OXYGEN DEMAND	-0.4 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-WB-07U

PARAMETER	VALUE
CHLORIDE	-0.7
IRON	-0.4
MAGNESIUM	-0.4
MANGANESE	-0.5
SODIUM	-0.6
CALCIUM	-0.6 NS
ALKALINITY	0.8 NS
ALKALINITY, BICARBONATE	0.8 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	-0.8 NS
SOLIDS, TOTAL DISSOLVED	-0.6

SB915-MW-88S

PARAMETER	VALUE
CHLOROBENZENE	-0.4 NE
BROMIDE	-0.5
NICKEL	0.6 NE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
NITROGEN, KJELDAHL	-0.6 NS
AMMONIA	-0.6
TOTAL ORGANIC CARBON	-0.5 NS

SB915-MW-107S

PARAMETER	VALUE
MANGANESE	0.5
NICKEL	0.5 NE
SODIUM	0.6
BARIUM	0.6
CALCIUM	0.5 NS
SELENIUM	0.5
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
HARDNESS (AS CACO3)	0.4 NS

SB915-MW-113S

PARAMETER	VALUE
SULFATE	0.6
POTASSIUM	-0.5 NS
CALCIUM	-0.5 NS
HARDNESS (AS CACO3)	-0.5 NS
NITROGEN, KJELDAHL	-0.4 NS
TOTAL ORGANIC CARBON	-0.5 NS

SB915-MW-87S

PARAMETER	VALUE
MANGANESE	0.5 NE
CHROMIUM	0.5 NE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS

SB915-IMW-06S

PARAMETER	VALUE
HARDNESS (AS CACO3)	-0.4 NS

SB915-MW-03

PARAMETER	VALUE
SODIUM	-0.5
CALCIUM	-0.5 NS
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
HARDNESS (AS CACO3)	-0.5 NS
TOTAL ORGANIC CARBON	-0.5 NS
TURBIDITY	0.9

SB915-WB-09U

PARAMETER	VALUE
SULFATE	0.6 NE
CHLORIDE	-0.6
BROMIDE	-0.6
POTASSIUM	-0.6 NS
SODIUM	-0.6
CALCIUM	-0.6 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	-0.6 NS
SOLIDS, TOTAL DISSOLVED	-0.6

SB915-MW-104S

PARAMETER	VALUE
SULFATE	0.4
SELENIUM	0.6
CHEMICAL OXYGEN DEMAND	-0.5 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-116S

PARAMETER	VALUE
SULFATE	-0.5 NE
CHLORIDE	-0.6
MAGNESIUM	-0.5
MANGANESE	-0.6
SODIUM	-0.6
CALCIUM	-0.5 NS
HARDNESS (AS CACO3)	-0.5 NS
SOLIDS, TOTAL DISSOLVED	-0.5

SB915-MW-118S

PARAMETER	VALUE
SELENIUM	0.5
TOTAL ORGANIC CARBON	-0.4 NS

SB915-MW-04

PARAMETER	VALUE
CHEMICAL OXYGEN DEMAND	-0.6 NS
TOTAL ORGANIC CARBON	-0.4 NS

SB915-WB-10U

PARAMETER	VALUE
IRON	-0.4
MAGNESIUM	-0.5
MANGANESE	-0.5
ALKALINITY, CARBONATE	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-MW-106S

PARAMETER	VALUE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS

SB915-MW-01

PARAMETER	VALUE
CHLORIDE	0.7
SODIUM	0.7
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.7 NS
SOLIDS, TOTAL DISSOLVED	0.6

SB915-MW-117S

PARAMETER	VALUE
BROMIDE	0.4
CALCIUM	-0.5 NS
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
HARDNESS (AS CACO3)	-0.4 NS
SOLIDS, TOTAL DISSOLVED	-0.5

N

LEGEND

MONITORING WELL

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

SHALLOW NATIVE GROUNDWATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

PLOTDATE: 11/07/17 3:17:18 PM MellenMD

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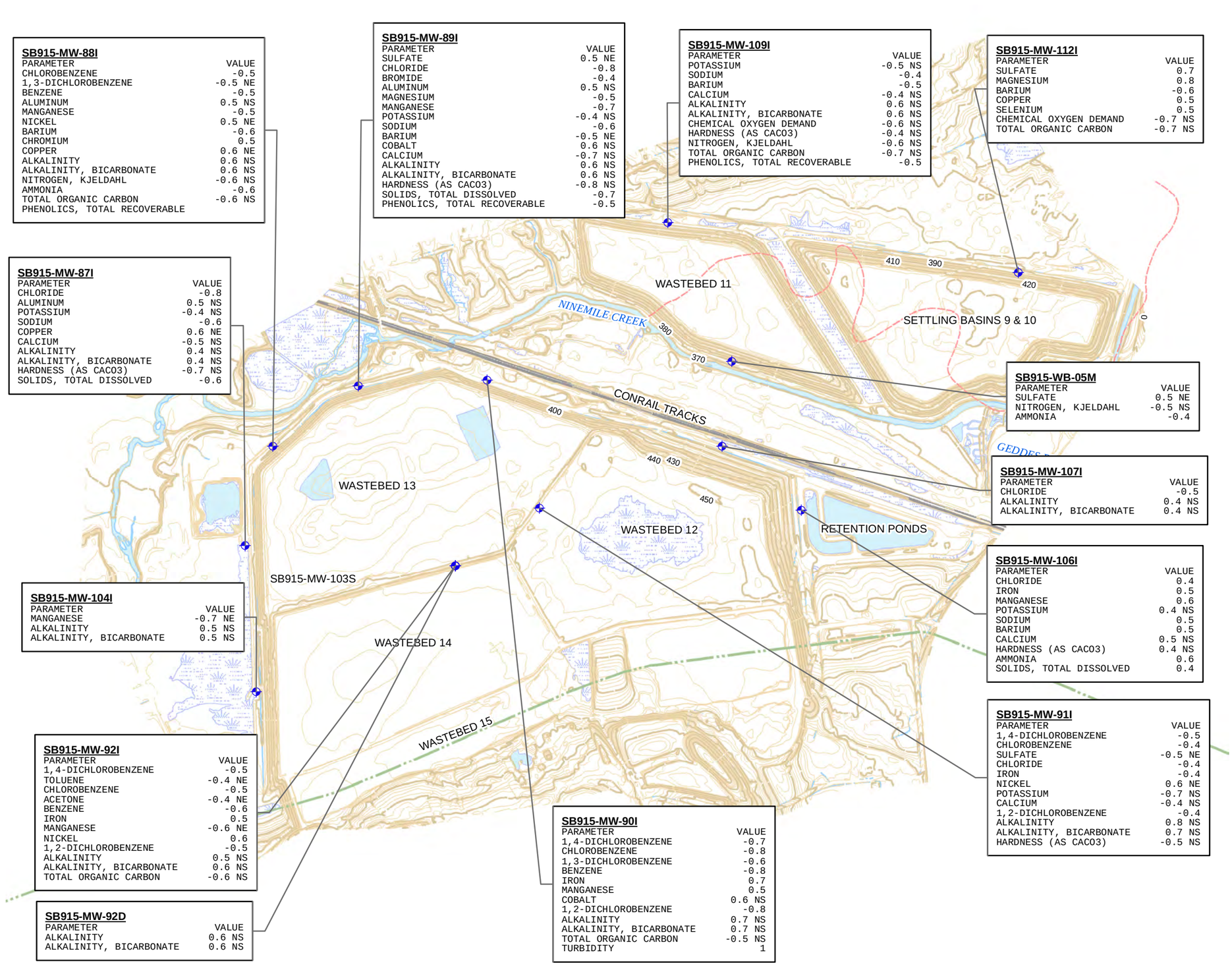

SB915-MW-88I

PARAMETER	VALUE
CHLOROBENZENE	-0.5
1,3-DICHLOROBENZENE	-0.5 NE
BENZENE	-0.5
ALUMINUM	0.5 NS
MANGANESE	-0.5
NICKEL	0.5 NE
BARIUM	-0.6
CHROMIUM	0.5
COPPER	0.6 NE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
NITROGEN, KJELDAHL	-0.6 NS
AMMONIA	-0.6
TOTAL ORGANIC CARBON	-0.6 NS
PHENOLICS, TOTAL RECOVERABLE	

SB915-MW-89I

PARAMETER	VALUE
SULFATE	0.5 NE
CHLORIDE	-0.8
BROMIDE	-0.4
ALUMINUM	0.5 NS
MAGNESIUM	-0.5
MANGANESE	-0.7
POTASSIUM	-0.4 NS
SODIUM	-0.6
BARIUM	-0.5 NE
COBALT	0.6 NS
CALCIUM	-0.7 NS
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
HARDNESS (AS CACO3)	-0.8 NS
SOLIDS, TOTAL DISSOLVED	-0.7
PHENOLICS, TOTAL RECOVERABLE	-0.5

SB915-MW-109I

PARAMETER	VALUE
POTASSIUM	-0.5 NS
SODIUM	-0.4
BARIUM	-0.5
CALCIUM	-0.4 NS
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	-0.4 NS
NITROGEN, KJELDAHL	-0.6 NS
TOTAL ORGANIC CARBON	-0.7 NS
PHENOLICS, TOTAL RECOVERABLE	-0.5

SB915-MW-112I

PARAMETER	VALUE
SULFATE	0.7
MAGNESIUM	0.8
BARIUM	-0.6
COPPER	0.5
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.7 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-MW-87I

PARAMETER	VALUE
CHLORIDE	-0.8
ALUMINUM	0.5 NS
POTASSIUM	-0.4 NS
SODIUM	-0.6
COPPER	0.6 NE
CALCIUM	-0.5 NS
ALKALINITY	0.4 NS
ALKALINITY, BICARBONATE	0.4 NS
HARDNESS (AS CACO3)	-0.7 NS
SOLIDS, TOTAL DISSOLVED	-0.6

SB915-WB-05M

PARAMETER	VALUE
SULFATE	0.5 NE
NITROGEN, KJELDAHL	-0.5 NS
AMMONIA	-0.4

SB915-MW-107I

PARAMETER	VALUE
CHLORIDE	-0.5
ALKALINITY	0.4 NS
ALKALINITY, BICARBONATE	0.4 NS

SB915-MW-106I

PARAMETER	VALUE
CHLORIDE	0.4
IRON	0.5
MANGANESE	0.6
POTASSIUM	0.4 NS
SODIUM	0.5
BARIUM	0.5
CALCIUM	0.5 NS
HARDNESS (AS CACO3)	0.4 NS
AMMONIA	0.6
SOLIDS, TOTAL DISSOLVED	0.4

SB915-MW-104I

PARAMETER	VALUE
MANGANESE	-0.7 NE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS

SB915-MW-91I

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.5
CHLOROBENZENE	-0.4
SULFATE	-0.5 NE
CHLORIDE	-0.4
IRON	-0.4
NICKEL	0.6 NE
POTASSIUM	-0.7 NS
CALCIUM	-0.4 NS
1,2-DICHLOROBENZENE	-0.4
ALKALINITY	0.8 NS
ALKALINITY, BICARBONATE	0.7 NS
HARDNESS (AS CACO3)	-0.5 NS

SB915-MW-92I

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.5
TOLUENE	-0.4 NE
CHLOROBENZENE	-0.5
ACETONE	-0.4 NE
BENZENE	-0.6
IRON	0.5
MANGANESE	-0.6 NE
NICKEL	0.6
1,2-DICHLOROBENZENE	-0.5
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.6 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-92D

PARAMETER	VALUE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS

SB915-MW-90I

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.7
CHLOROBENZENE	-0.8
1,3-DICHLOROBENZENE	-0.6
BENZENE	-0.8
IRON	0.7
MANGANESE	0.5
COBALT	0.6 NS
1,2-DICHLOROBENZENE	-0.8
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS
TOTAL ORGANIC CARBON	-0.5 NS
TURBIDITY	1

N

LEGEND

MONITORING WELL

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

INTERMEDIATE NATIVE GROUNDWATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

PLOTDATE: 11/07/17 3:17:18 PM MellenMD

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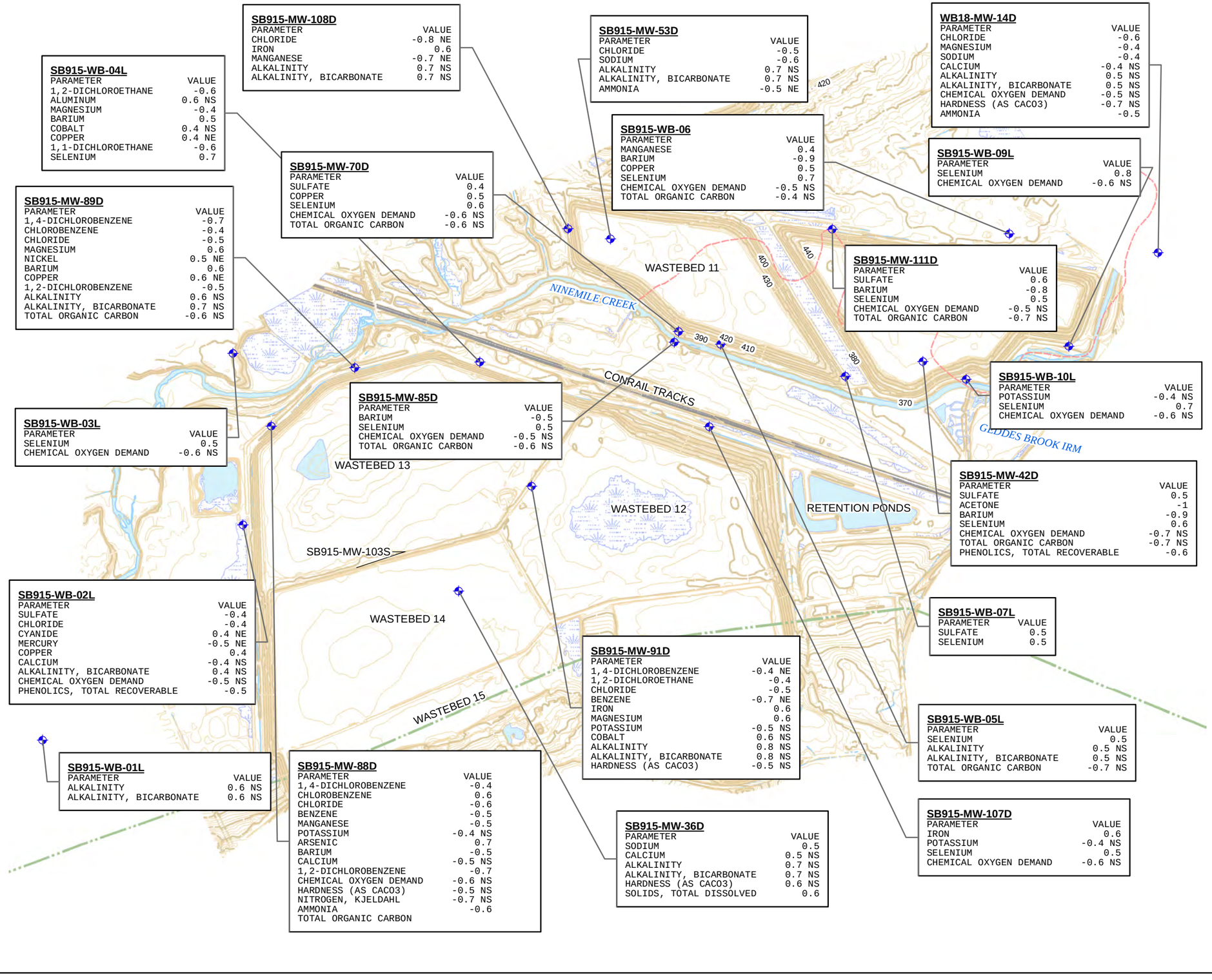


SB915-MW-108D

PARAMETER	VALUE
CHLORIDE	-0.8 NE
IRON	0.6
MANGANESE	-0.7 NE
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS

SB915-WB-04L

PARAMETER	VALUE
1,2-DICHLOROETHANE	-0.6
ALUMINUM	0.6 NS
MAGNESIUM	-0.4
BARIUM	0.5
COBALT	0.4 NS
COPPER	0.4 NE
1,1-DICHLOROETHANE	-0.6
SELENIUM	0.7

SB915-MW-70D

PARAMETER	VALUE
SULFATE	0.4
COPPER	0.5
SELENIUM	0.6
CHEMICAL OXYGEN DEMAND	-0.6 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-89D

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.7
CHLOROBENZENE	-0.4
CHLORIDE	-0.5
MAGNESIUM	0.6
NICKEL	0.5 NE
BARIUM	0.6
COPPER	0.6 NE
1,2-DICHLOROBENZENE	-0.5
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.7 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-53D

PARAMETER	VALUE
CHLORIDE	-0.5
SODIUM	-0.6
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS
AMMONIA	-0.5 NE

SB915-WB-06

PARAMETER	VALUE
MANGANESE	0.4
BARIUM	-0.9
COPPER	0.5
SELENIUM	0.7
CHEMICAL OXYGEN DEMAND	-0.5 NS
TOTAL ORGANIC CARBON	-0.4 NS

WB18-MW-14D

PARAMETER	VALUE
CHLORIDE	-0.6
MAGNESIUM	-0.4
SODIUM	-0.4
CALCIUM	-0.4 NS
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
HARDNESS (AS CACO3)	-0.7 NS
AMMONIA	-0.5

SB915-WB-09L

PARAMETER	VALUE
SELENIUM	0.8
CHEMICAL OXYGEN DEMAND	-0.6 NS

SB915-MW-111D

PARAMETER	VALUE
SULFATE	0.6
BARIUM	-0.8
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.5 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-WB-10L

PARAMETER	VALUE
POTASSIUM	-0.4 NS
SELENIUM	0.7
CHEMICAL OXYGEN DEMAND	-0.6 NS

SB915-MW-42D

PARAMETER	VALUE
SULFATE	0.5
ACETONE	-1
BARIUM	-0.9
SELENIUM	0.6
CHEMICAL OXYGEN DEMAND	-0.7 NS
TOTAL ORGANIC CARBON	-0.7 NS
PHENOLICS, TOTAL RECOVERABLE	-0.6

SB915-MW-85D

PARAMETER	VALUE
BARIUM	-0.5
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.5 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-WB-03L

PARAMETER	VALUE
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.6 NS

SB915-WB-02L

PARAMETER	VALUE
SULFATE	-0.4
CHLORIDE	-0.4
CYANIDE	0.4 NE
MERCURY	-0.5 NE
COPPER	0.4
CALCIUM	-0.4 NS
ALKALINITY, BICARBONATE	0.4 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
PHENOLICS, TOTAL RECOVERABLE	-0.5

SB915-MW-91D

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.4 NE
1,2-DICHLOROETHANE	-0.4
CHLORIDE	-0.5
BENZENE	-0.7 NE
IRON	0.6
MAGNESIUM	0.6
POTASSIUM	-0.5 NS
COBALT	0.6 NS
ALKALINITY	0.8 NS
ALKALINITY, BICARBONATE	0.8 NS
HARDNESS (AS CACO3)	-0.5 NS

SB915-WB-07L

PARAMETER	VALUE
SULFATE	0.5
SELENIUM	0.5

SB915-WB-05L

PARAMETER	VALUE
SELENIUM	0.5
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
TOTAL ORGANIC CARBON	-0.7 NS

SB915-WB-01L

PARAMETER	VALUE
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS

SB915-MW-88D

PARAMETER	VALUE
1,4-DICHLOROBENZENE	-0.4
CHLOROBENZENE	0.6
CHLORIDE	-0.6
BENZENE	-0.5
MANGANESE	-0.5
POTASSIUM	-0.4 NS
ARSENIC	0.7
BARIUM	-0.5
CALCIUM	-0.5 NS
1,2-DICHLOROBENZENE	-0.7
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	-0.5 NS
NITROGEN, KJELDAHL	-0.7 NS
AMMONIA	-0.6
TOTAL ORGANIC CARBON	

SB915-MW-36D

PARAMETER	VALUE
SODIUM	0.5
CALCIUM	0.5 NS
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS
HARDNESS (AS CACO3)	0.6 NS
SOLIDS, TOTAL DISSOLVED	0.6

SB915-MW-107D

PARAMETER	VALUE
IRON	0.6
POTASSIUM	-0.4 NS
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.6 NS

N

LEGEND

MONITORING WELL

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

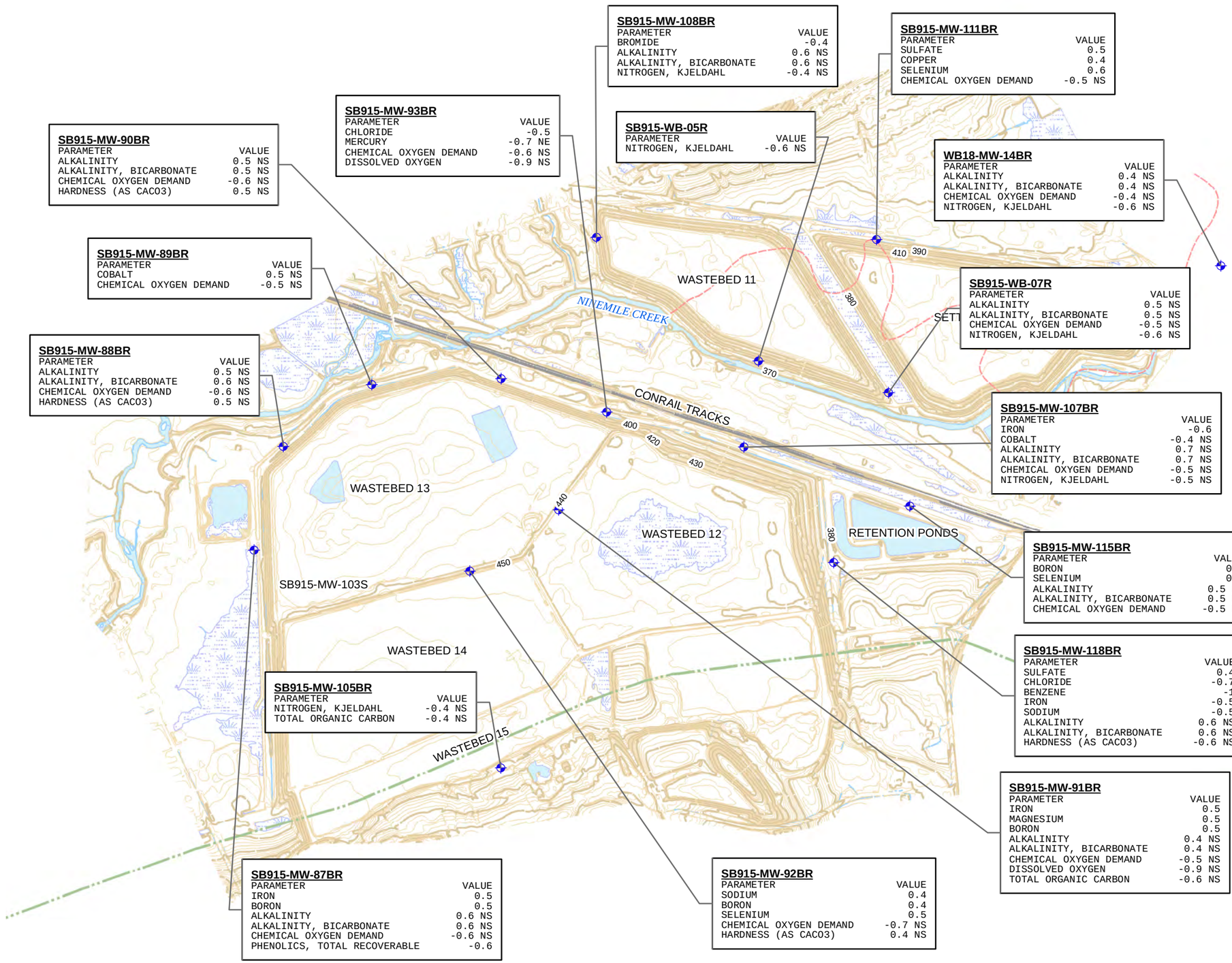
DEEP NATIVE GROUNDWATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

PLOTDATE: 11/07/17 3:17:18 PM MellenMD



SB915-MW-108BR

PARAMETER	VALUE
BROMIDE	-0.4
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
NITROGEN, KJELDAHL	-0.4 NS

SB915-MW-111BR

PARAMETER	VALUE
SULFATE	0.5
COPPER	0.4
SELENIUM	0.6
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-MW-93BR

PARAMETER	VALUE
CHLORIDE	-0.5
MERCURY	-0.7 NE
CHEMICAL OXYGEN DEMAND	-0.6 NS
DISSOLVED OXYGEN	-0.9 NS

SB915-WB-05R

PARAMETER	VALUE
NITROGEN, KJELDAHL	-0.6 NS

SB915-MW-90BR

PARAMETER	VALUE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	0.5 NS

WB18-MW-14BR

PARAMETER	VALUE
ALKALINITY	0.4 NS
ALKALINITY, BICARBONATE	0.4 NS
CHEMICAL OXYGEN DEMAND	-0.4 NS
NITROGEN, KJELDAHL	-0.6 NS

SB915-MW-89BR

PARAMETER	VALUE
COBALT	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-WB-07R

PARAMETER	VALUE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
NITROGEN, KJELDAHL	-0.6 NS

SB915-MW-88BR

PARAMETER	VALUE
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.6 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
HARDNESS (AS CACO3)	0.5 NS

SB915-MW-107BR

PARAMETER	VALUE
IRON	-0.6
COBALT	-0.4 NS
ALKALINITY	0.7 NS
ALKALINITY, BICARBONATE	0.7 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
NITROGEN, KJELDAHL	-0.5 NS

SB915-MW-115BR

PARAMETER	VALUE
BORON	0.5
SELENIUM	0.6
ALKALINITY	0.5 NS
ALKALINITY, BICARBONATE	0.5 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS

SB915-MW-118BR

PARAMETER	VALUE
SULFATE	0.4
CHLORIDE	-0.7
BENZENE	-1
IRON	-0.5
SODIUM	-0.5
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
HARDNESS (AS CACO3)	-0.6 NS

SB915-MW-105BR

PARAMETER	VALUE
NITROGEN, KJELDAHL	-0.4 NS
TOTAL ORGANIC CARBON	-0.4 NS

SB915-MW-91BR

PARAMETER	VALUE
IRON	0.5
MAGNESIUM	0.5
BORON	0.5
ALKALINITY	0.4 NS
ALKALINITY, BICARBONATE	0.4 NS
CHEMICAL OXYGEN DEMAND	-0.5 NS
DISSOLVED OXYGEN	-0.9 NS
TOTAL ORGANIC CARBON	-0.6 NS

SB915-MW-87BR

PARAMETER	VALUE
IRON	0.5
BORON	0.5
ALKALINITY	0.6 NS
ALKALINITY, BICARBONATE	0.6 NS
CHEMICAL OXYGEN DEMAND	-0.6 NS
PHENOLICS, TOTAL RECOVERABLE	-0.6

SB915-MW-92BR

PARAMETER	VALUE
SODIUM	0.4
BORON	0.4
SELENIUM	0.5
CHEMICAL OXYGEN DEMAND	-0.7 NS
HARDNESS (AS CACO3)	0.4 NS

N

LEGEND

MONITORING WELL

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

BEDROCK GROUNDWATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

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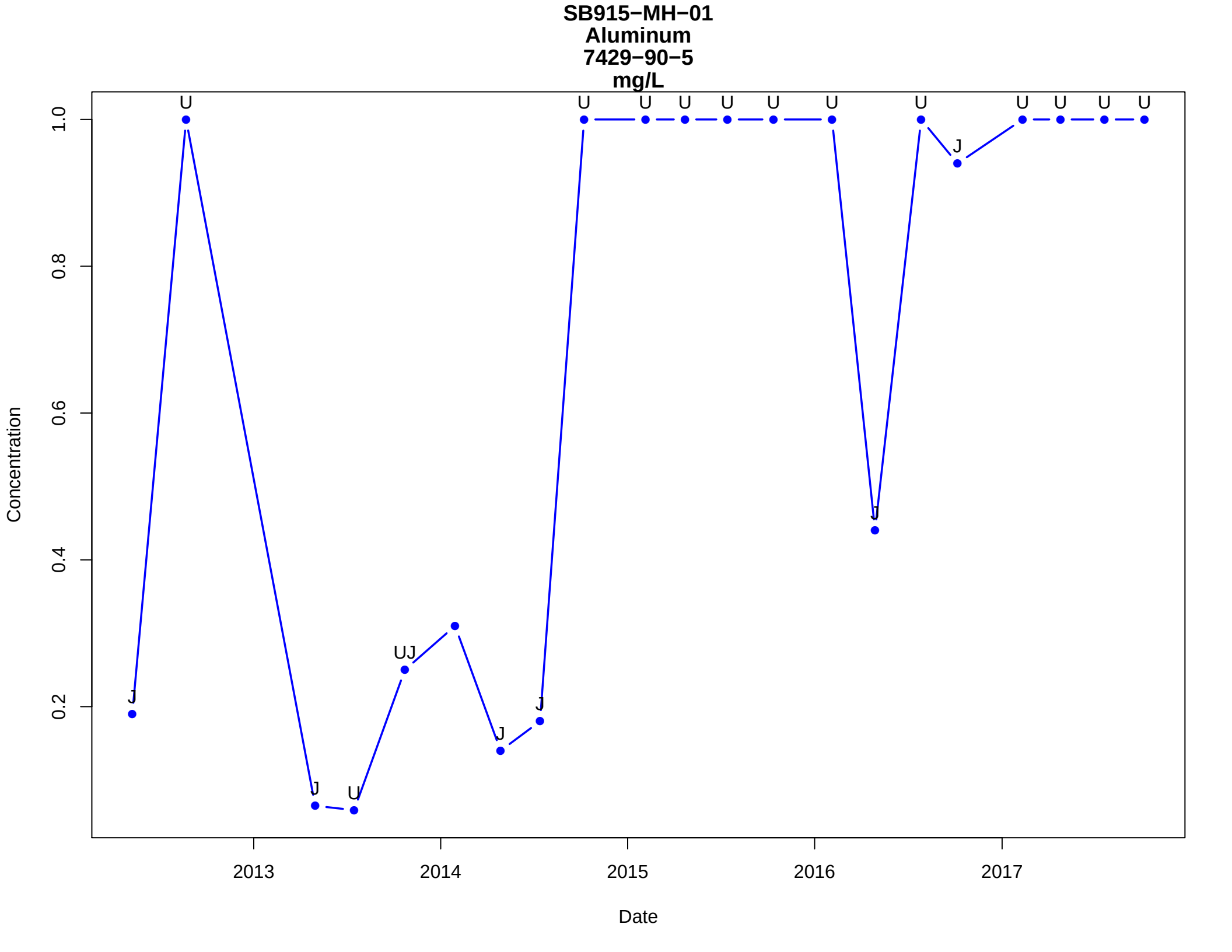
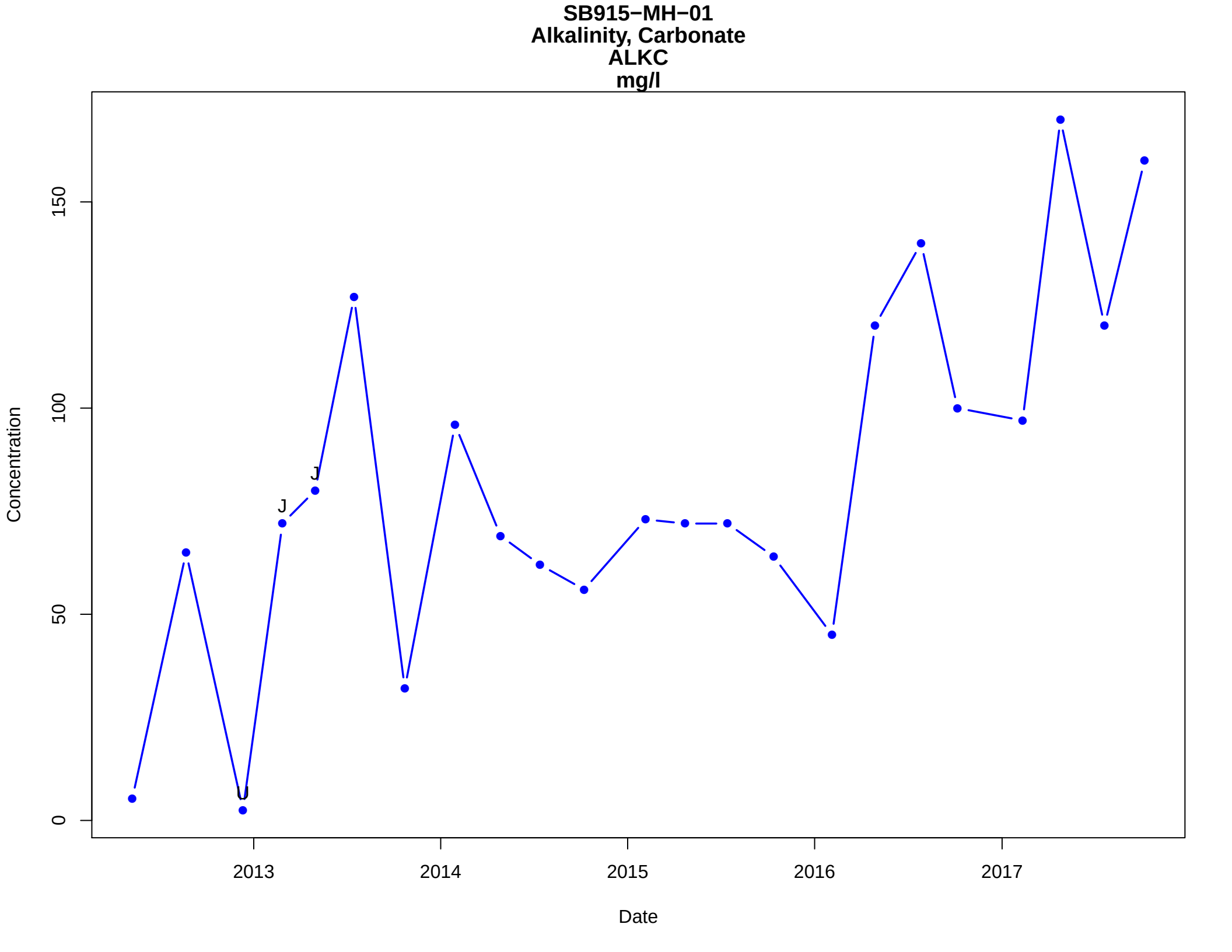
APPENDIX G
SUBSURFACE LEACHATE SIGNIFICANT TRENDS

Appendix G
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Subsurface Leachate Significant Trends

Location ID	Aluminum	Arsenic	Cobalt	Iron	Magnesium	Selenium	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Ammonia	Chemical Oxygen Demand	Sulfate	Total Organic Carbon
SB915-MH-01	0.5 NoStd							0.5 NoStd				
SB915-MH-02	0.5 NoStd							0.5 NoStd				
SB915-MH-03					-0.4 NotExc			0.5 NoStd				
SB915-MH-04								0.5 NoStd				-0.4 NoStd
SB915-MH-05						0.6 *		0.5 NoStd				
SB915-MH-06									-0.4 *			-0.5 NoStd
SB915-MH-07						0.7 *					0.4 NotExc	-0.7 NoStd
SB915-MH-08											0.4 NotExc	-0.6 NoStd
SB915-MH-09												-0.7 NoStd
SB915-MH-10						0.6 *			-0.4 *	-0.4 NoStd		-0.6 NoStd
SB915-MH-11											0.5 NotExc	-0.6 NoStd
SB915-MH-12				0.4 *				0.4 NoStd				-0.6 NoStd
SB915-MH-13								0.5 NoStd			0.4 NotExc	-0.6 NoStd
SB915-MH-14						0.7 *						-0.5 NoStd
SB915-MH-15						0.5 *						-0.5 NoStd
SB915-MH-16	0.5 NoStd											
SB915-MH-17							-0.7 NoStd	0.7 NoStd				
SB915-MH-18		0.6 NotExc				0.5 *						
SB915-PCP-01			0.5 NoStd			0.6 *						

Legend	
	Decreasing Trend
	Increasing Trend
*	Exceeded Class C Standards
NoStd	No Applicable Class C Standard
NotExc	Did Not Exceed Class C Standard


SB915−MH−01
Aluminum
7429−90−5
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
U
J
UJ
2013
2014
2015
2016
2017
Date


SB915−MH−01
Alkalinity, Carbonate
ALKC
mg/l
Concentration
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50
100
150
J
J
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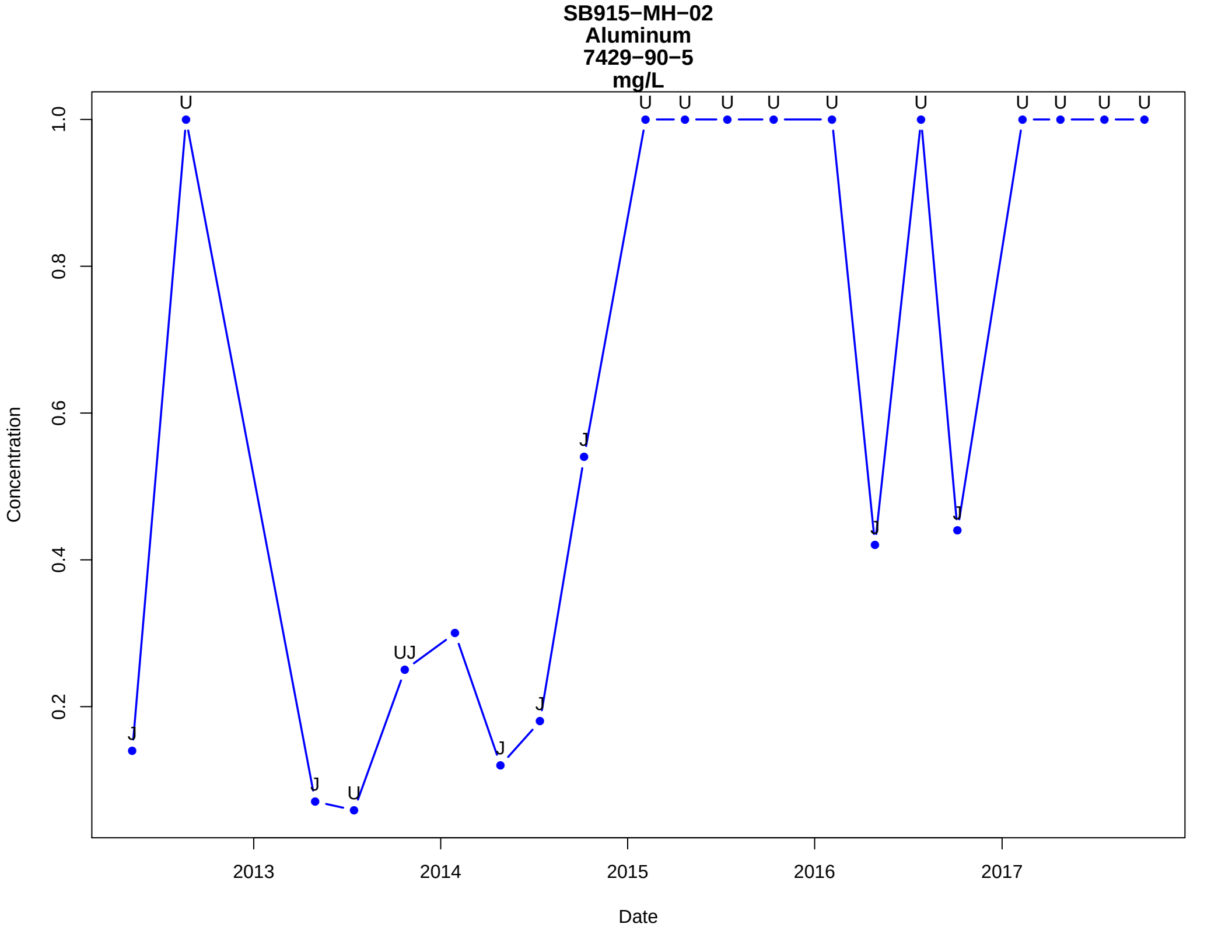
2013
2014
2015
2016
2017
Date


SB915−MH−02
Aluminum
7429−90−5
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
2013
2014
2015
2016
2017
Date
J
U
J
U
UJ
J
J
J
U
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U
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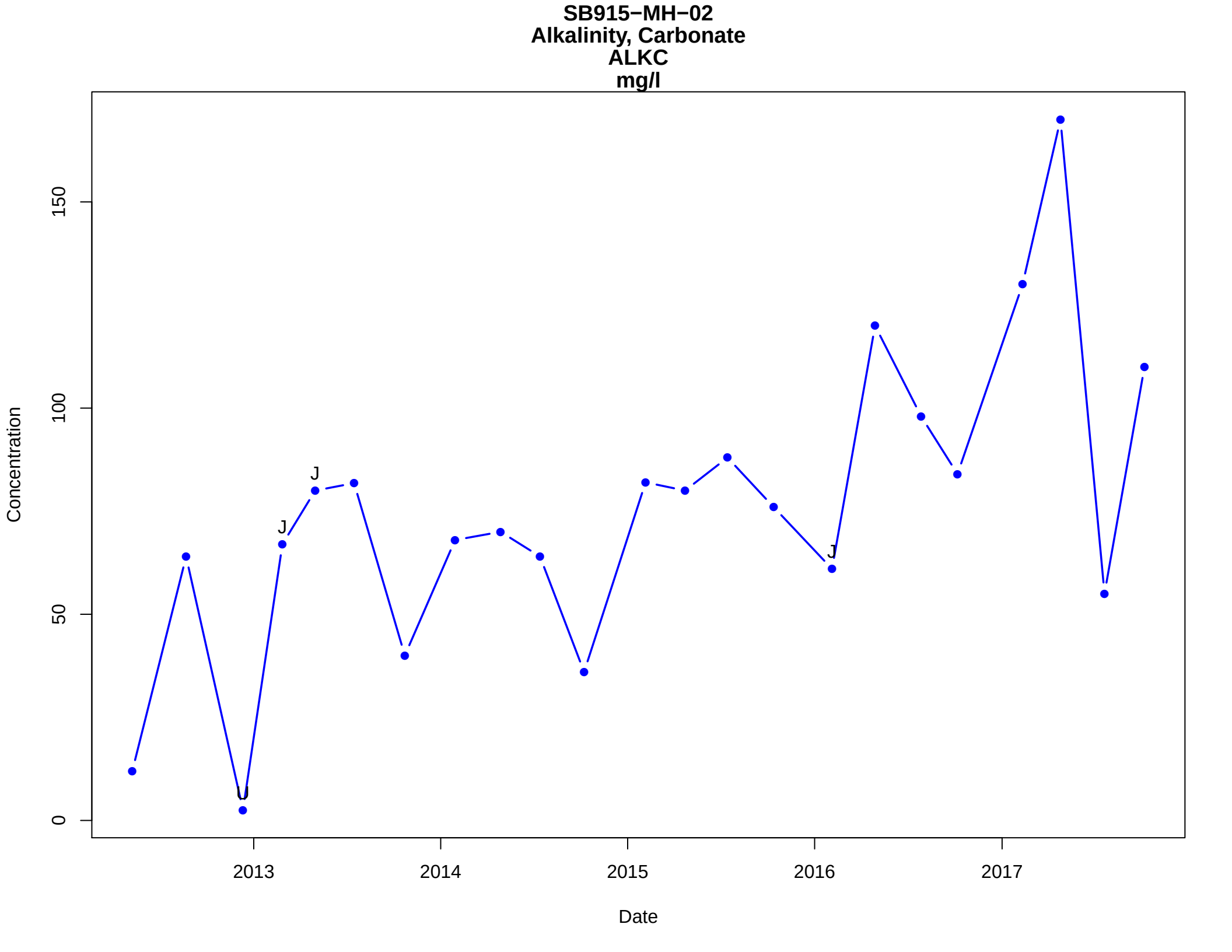
U
U
U
U


SB915−MH−02
Alkalinity, Carbonate
ALKC
mg/l
Concentration
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50
100
150
J
J
J
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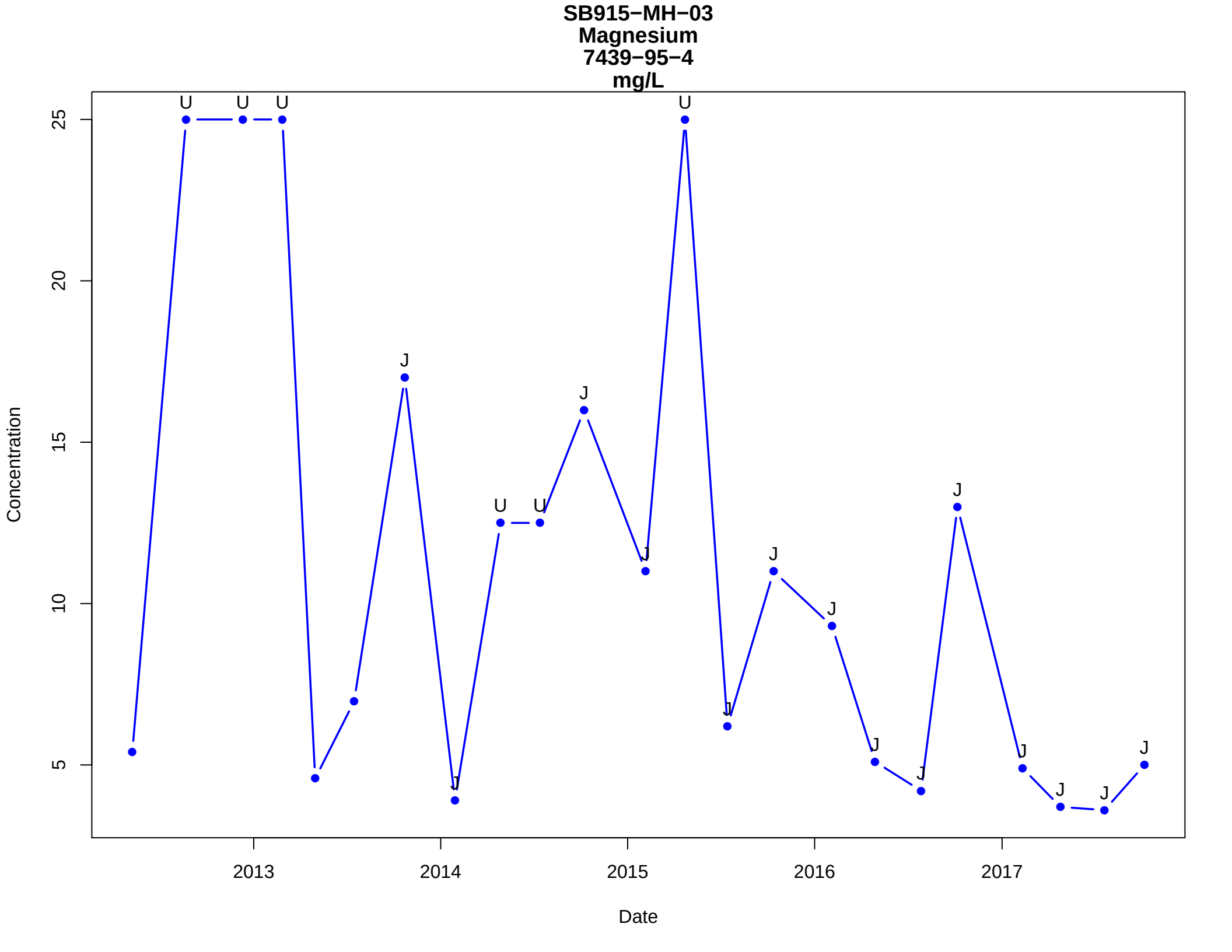
2013
2014
2015
2016
2017
Date


SB915−MH−03
Magnesium
7439−95−4
mg/L
Concentration
Date
5
10
15
20
25
2013
2014
2015
2016
2017
U
U
U
J
U
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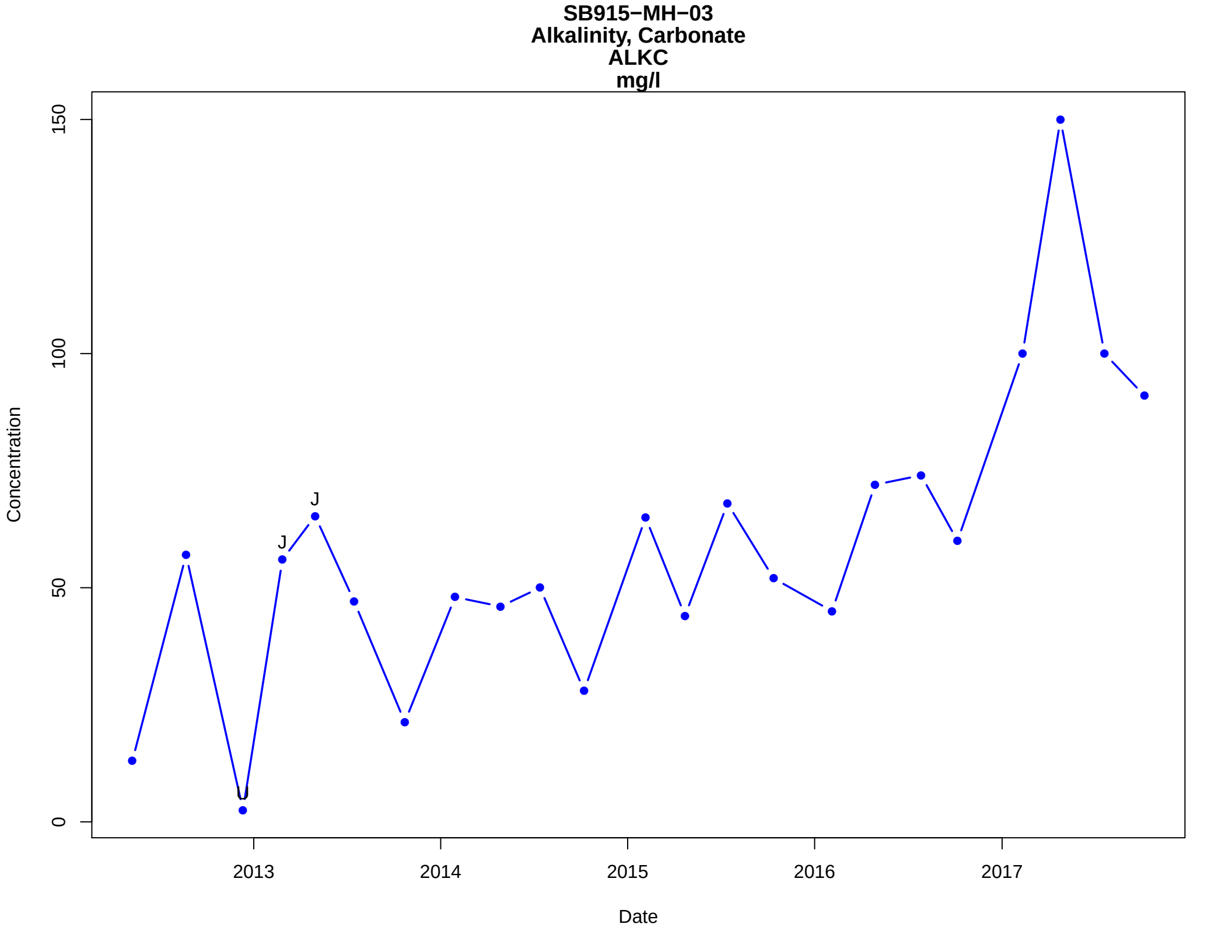
SB915−MH−03
Alkalinity, Carbonate
ALKC
mg/l
Concentration
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50
100
150
J
J
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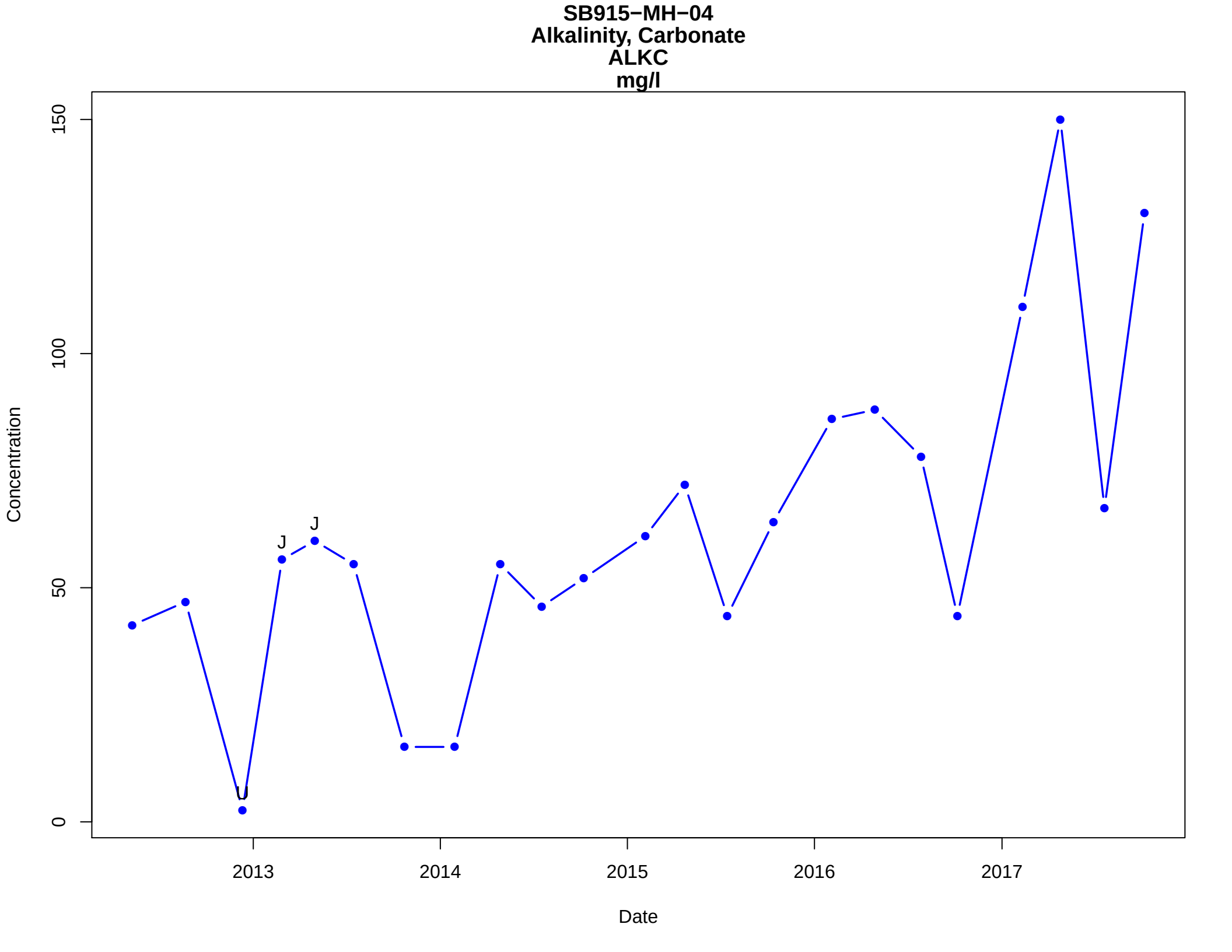
2013
2014
2015
2016
2017
Date


SB915−MH−04
Alkalinity, Carbonate
ALKC
mg/l
Concentration
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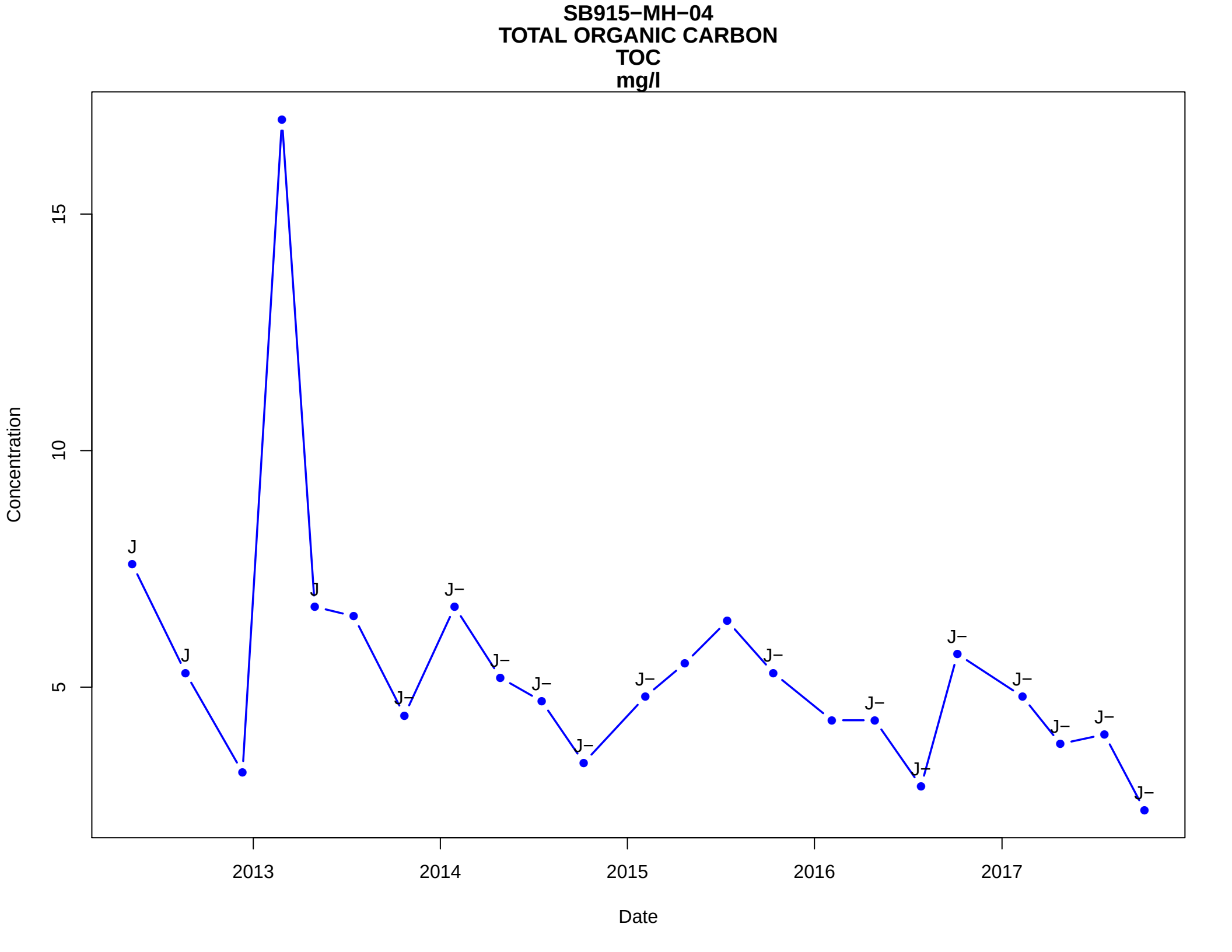
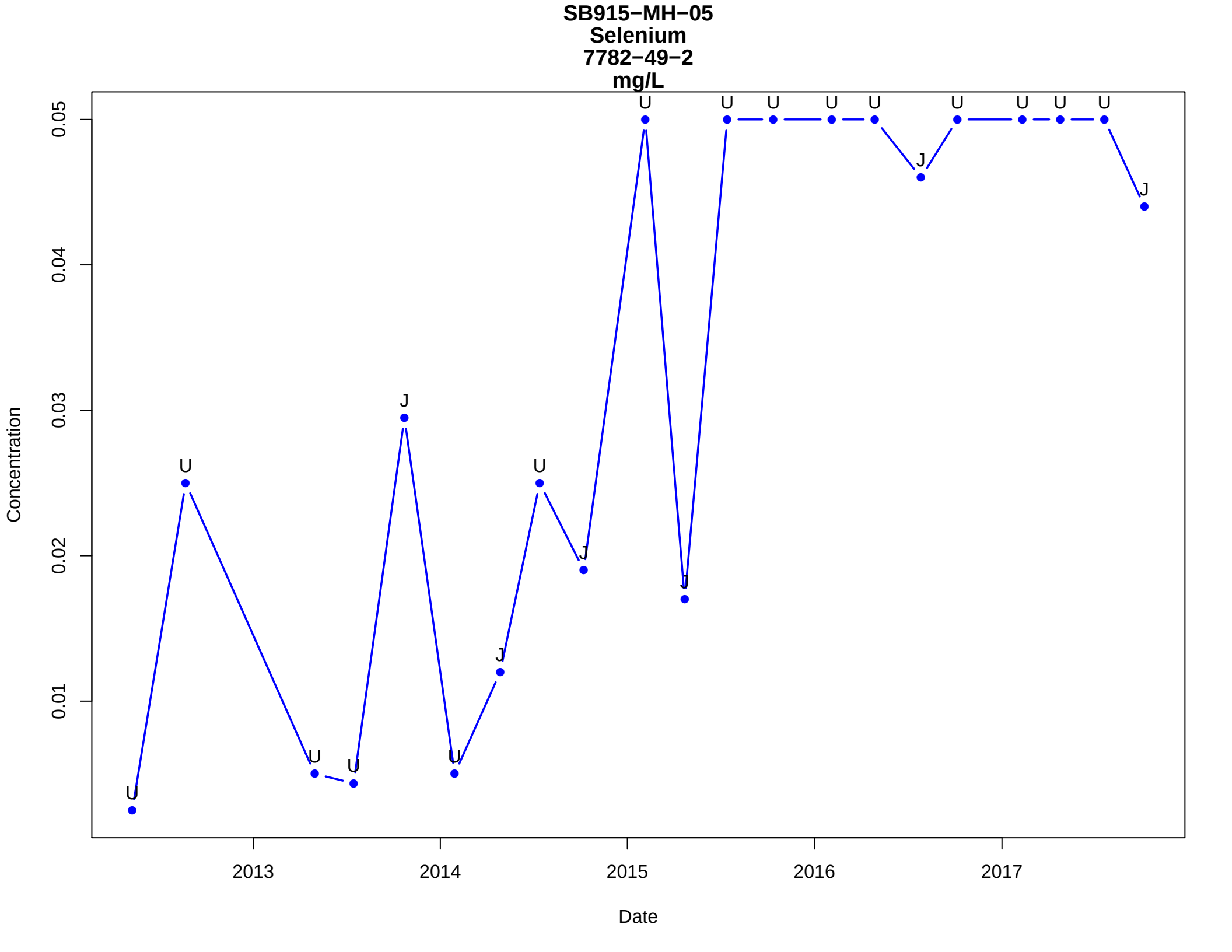
50
100
150
J
J
U
2013
2014
2015
2016
2017
Date


SB915−MH−04
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
5
10
15
2013
2014
2015
2016
2017
Date
J
J
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−


SB915−MH−05
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
Date
U
U
U
U
J
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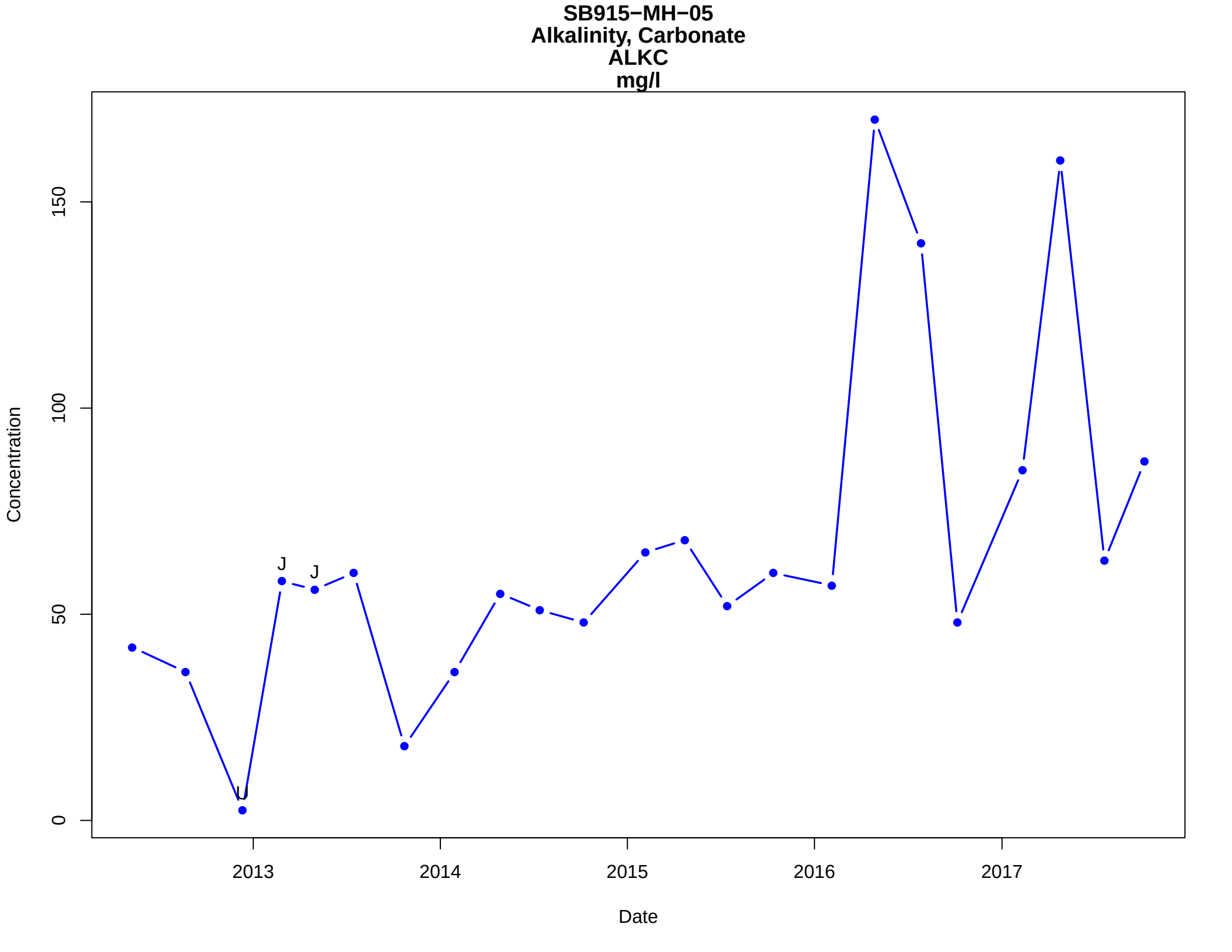
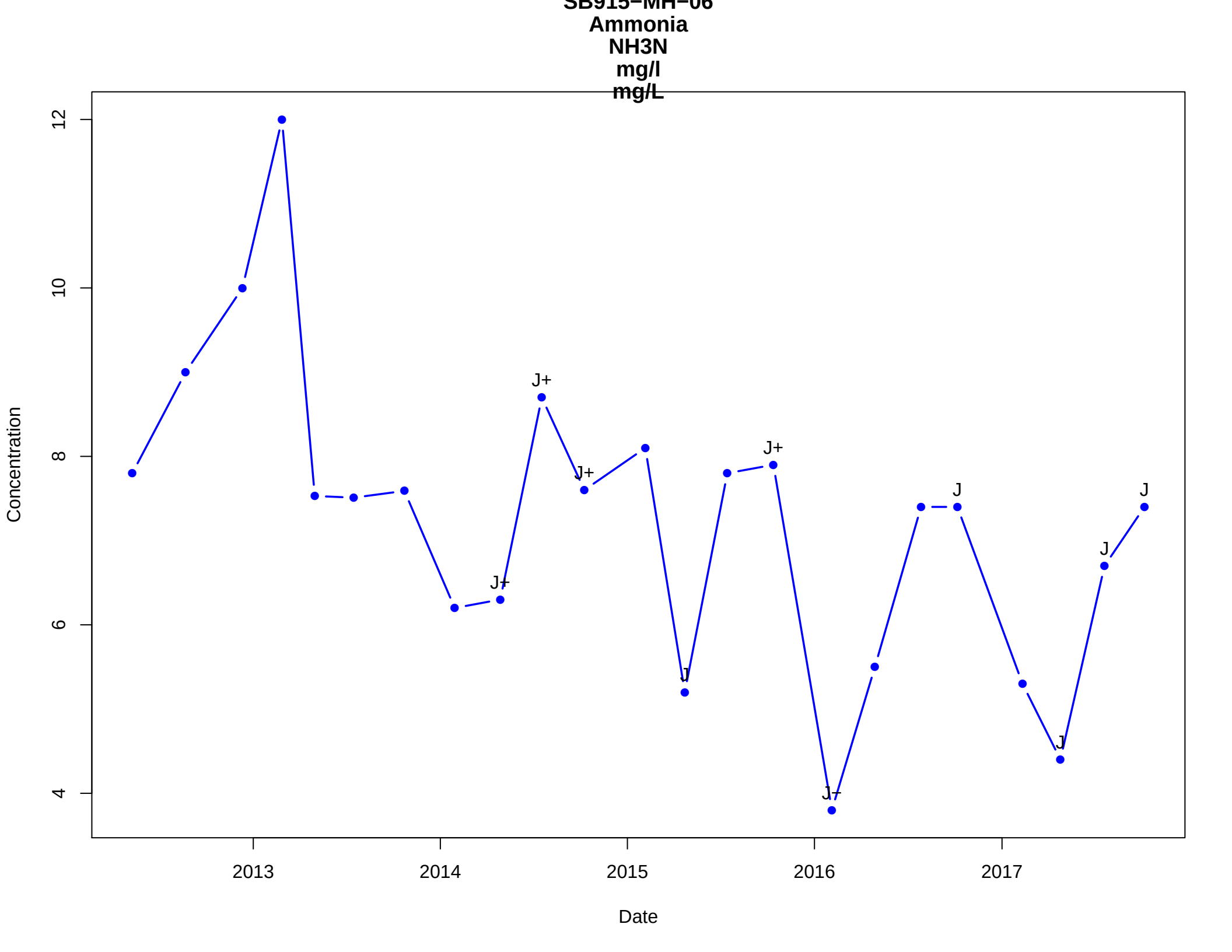
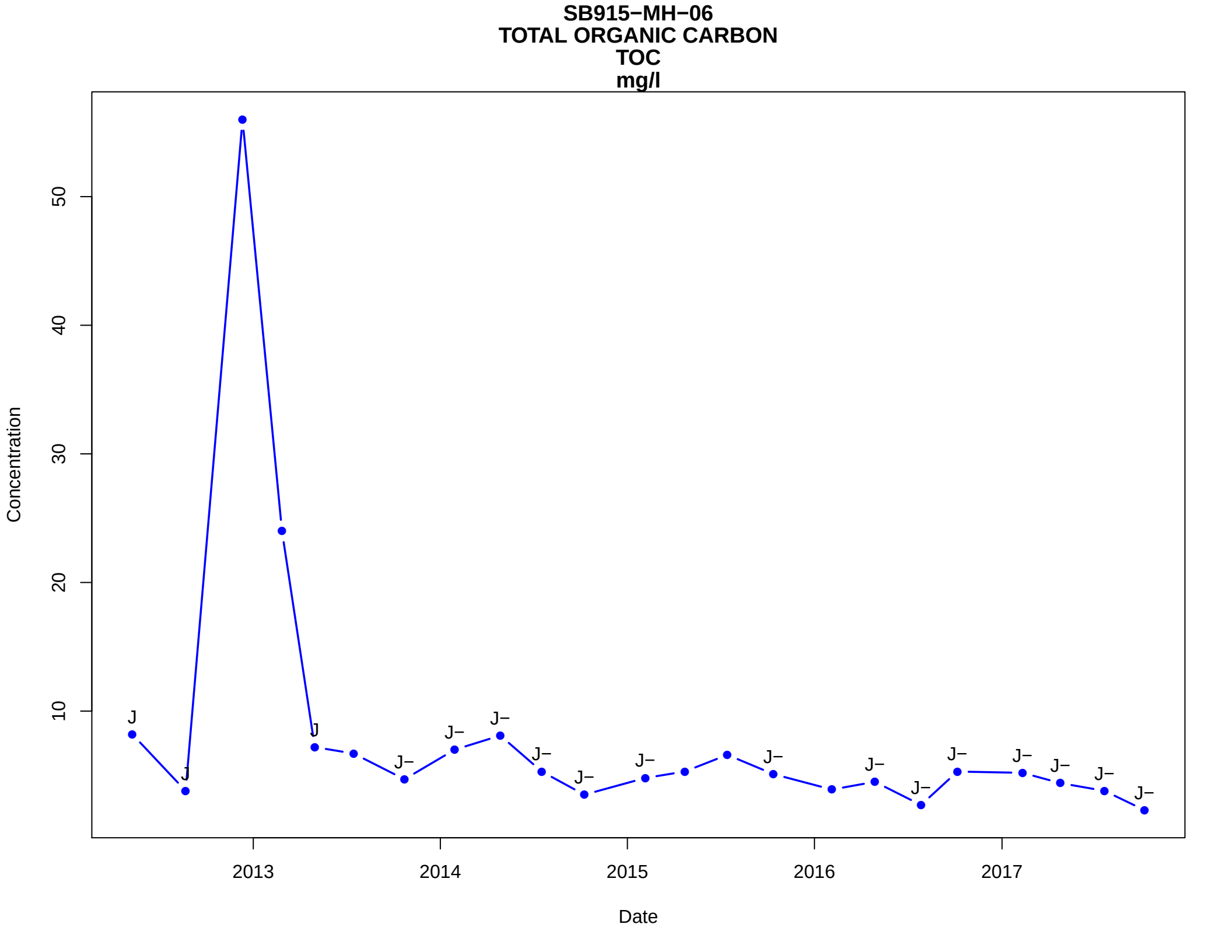
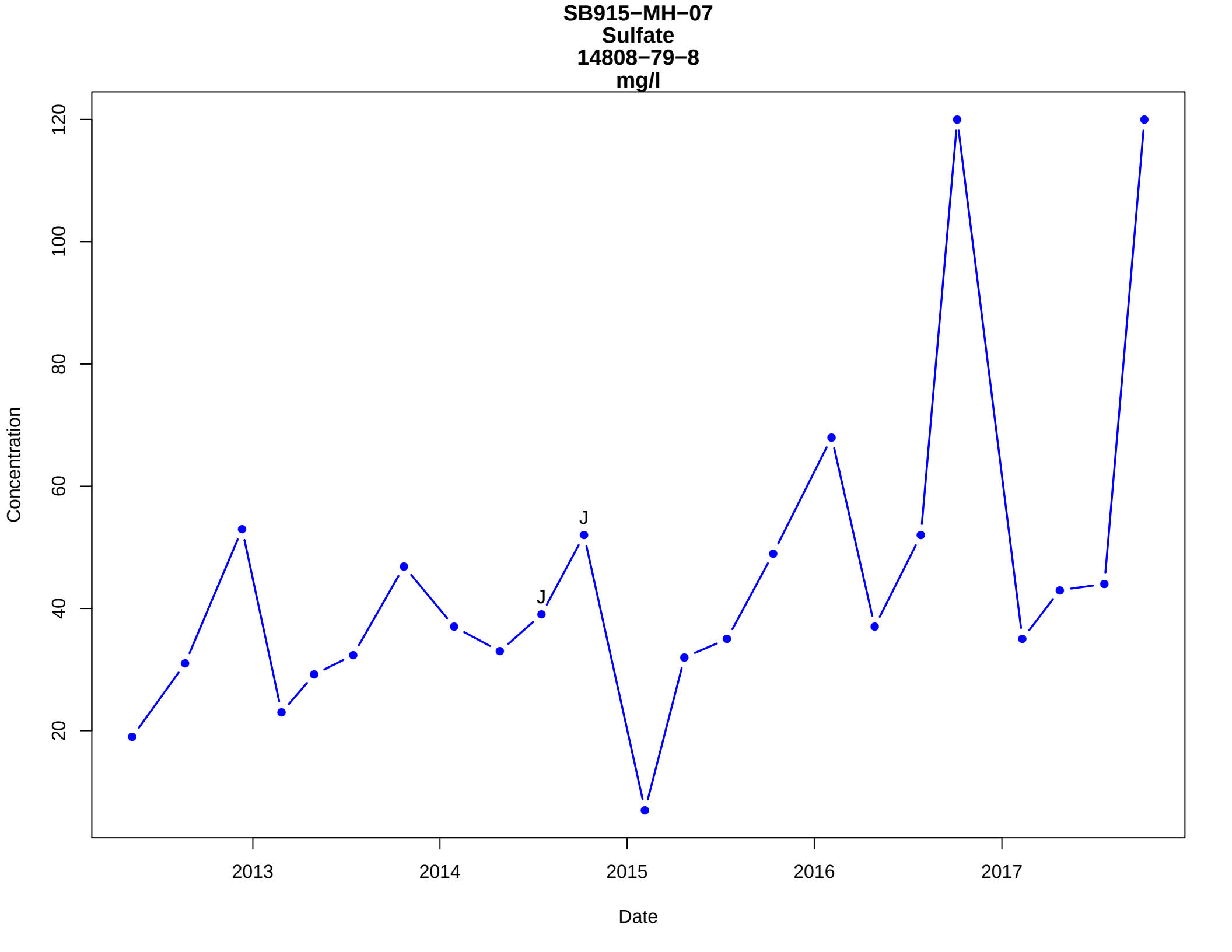
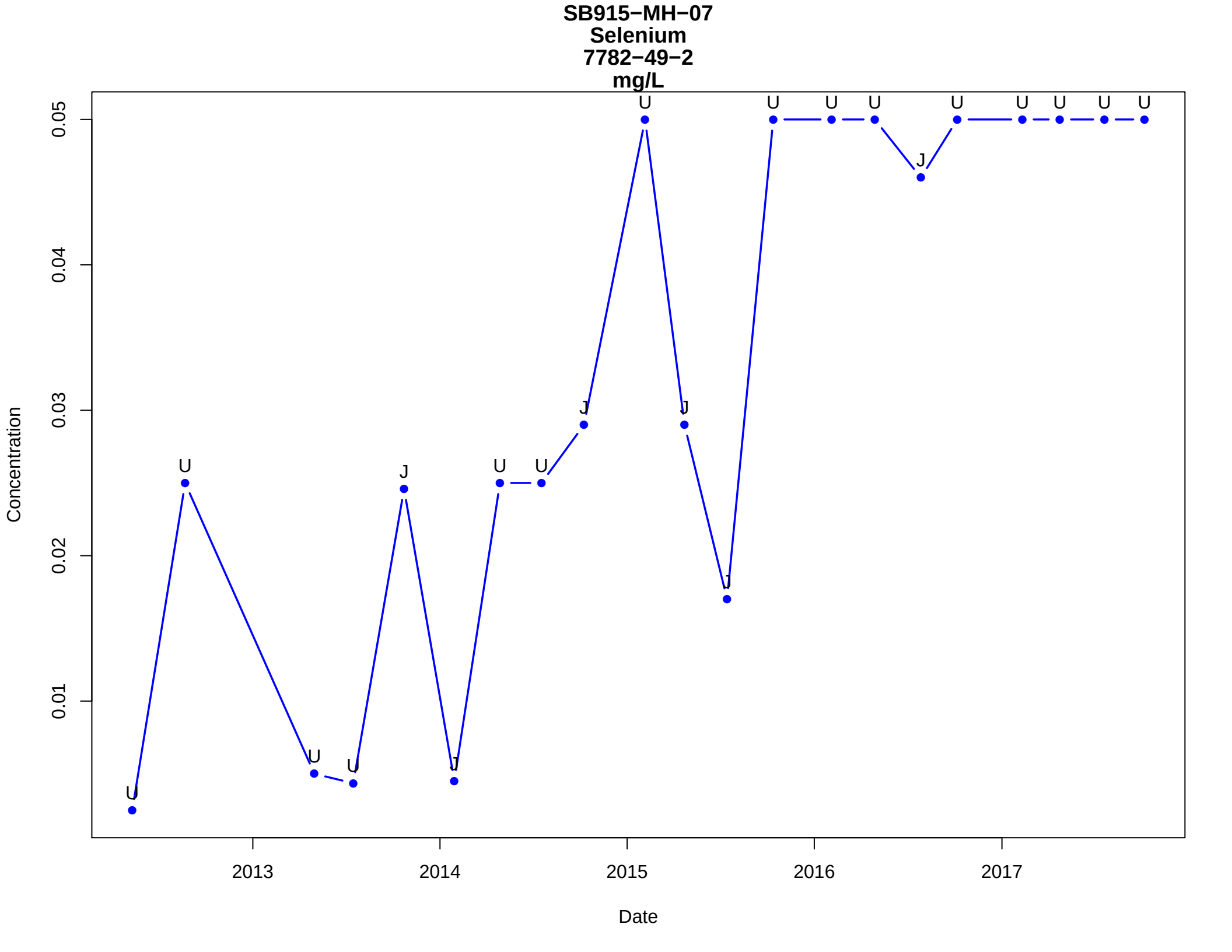
U
U
J


SB915−MH−05
Alkalinity, Carbonate
ALKC
mg/l
Concentration
0
50
100
150
J
J
U
2013
2014
2015
2016
2017
Date


SB915-MH-06
Ammonia
NH3N
mg/l
mg/L
Concentration
12
10
8
6
4
J+
J+
J+
J+
J
J
J
J
J
2013
2014
2015
2016
2017
Date


SB915−MH−06
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
10
20
30
40
50
J
J
J
J
J−
J−
J−
J
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
Date


SB915−MH−07
Sulfate
14808−79−8
mg/l
Concentration
120
100
80
60
40
20
J
J
2013
2014
2015
2016
2017
Date


SB915−MH−07
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
Date
U
U
U
U
J
U
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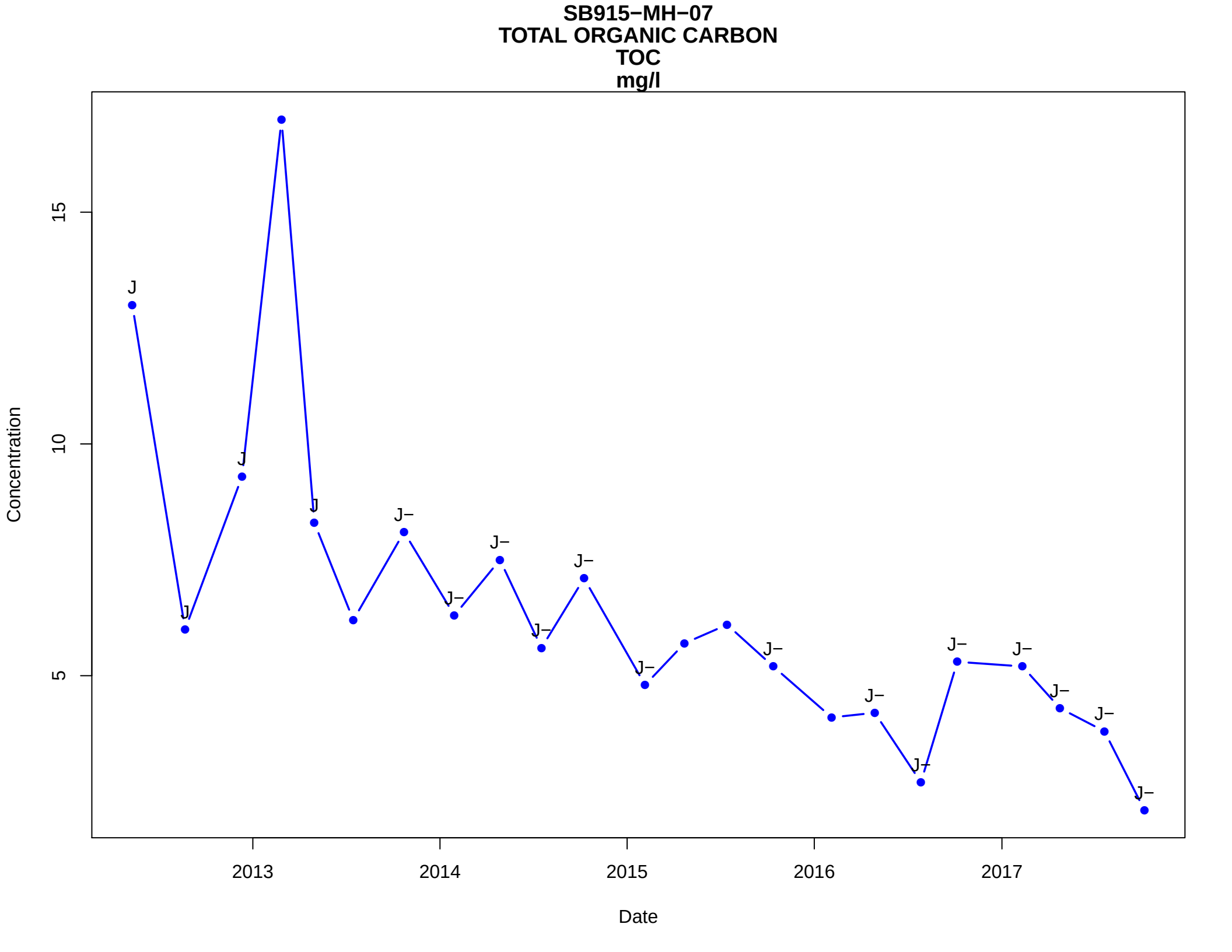
U


SB915−MH−07
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
5
10
15
J
J
J
J
J−
J−
J−
J−
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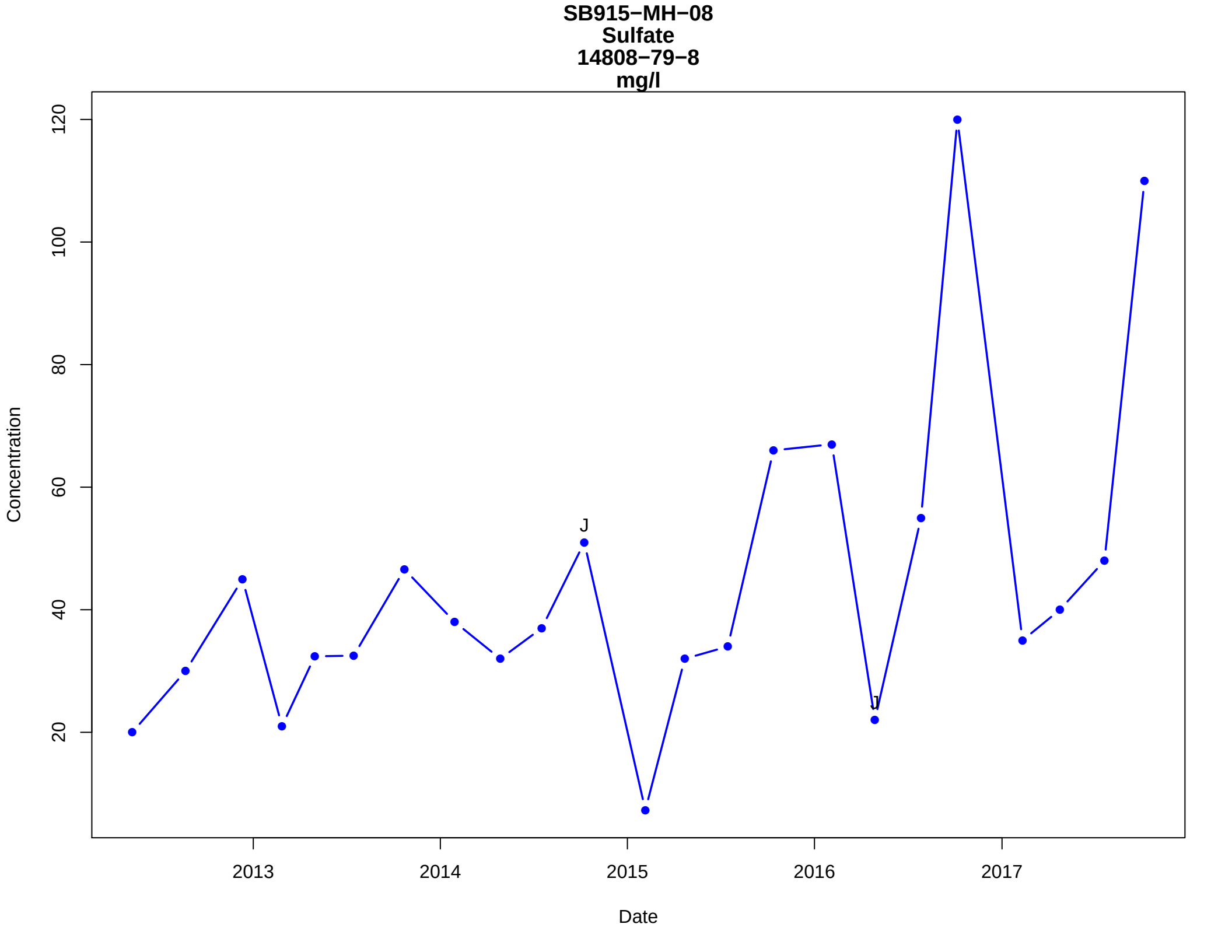
J−
J−
J−
J−
J−
J−
J−
2013
2014
2015
2016
2017
Date


SB915−MH−08
Sulfate
14808−79−8
mg/l
Concentration
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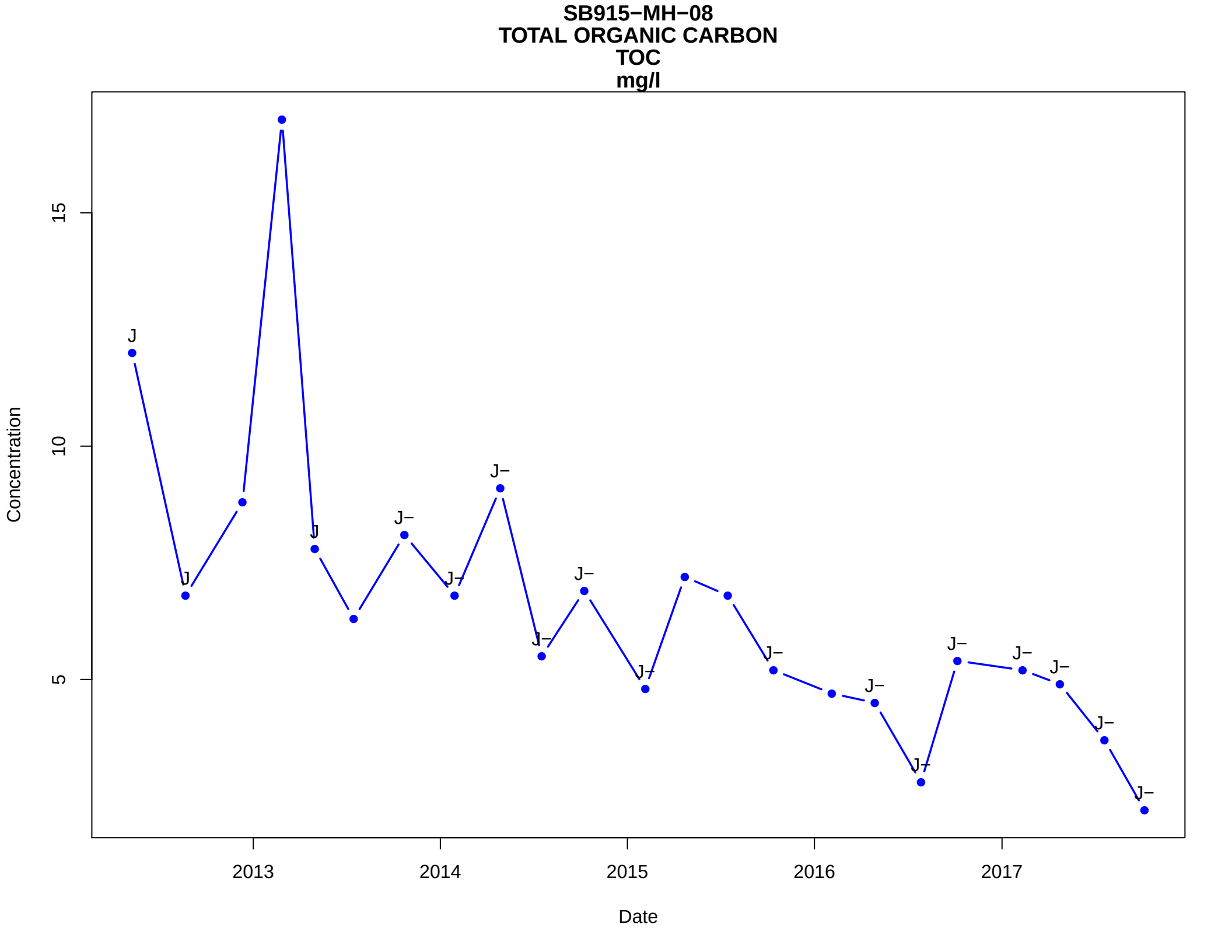
100
80
60
40
20
J
J
2013
2014
2015
2016
2017
Date


SB915−MH−08
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
5
10
15
J
J
J
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J−
J
J−
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J−
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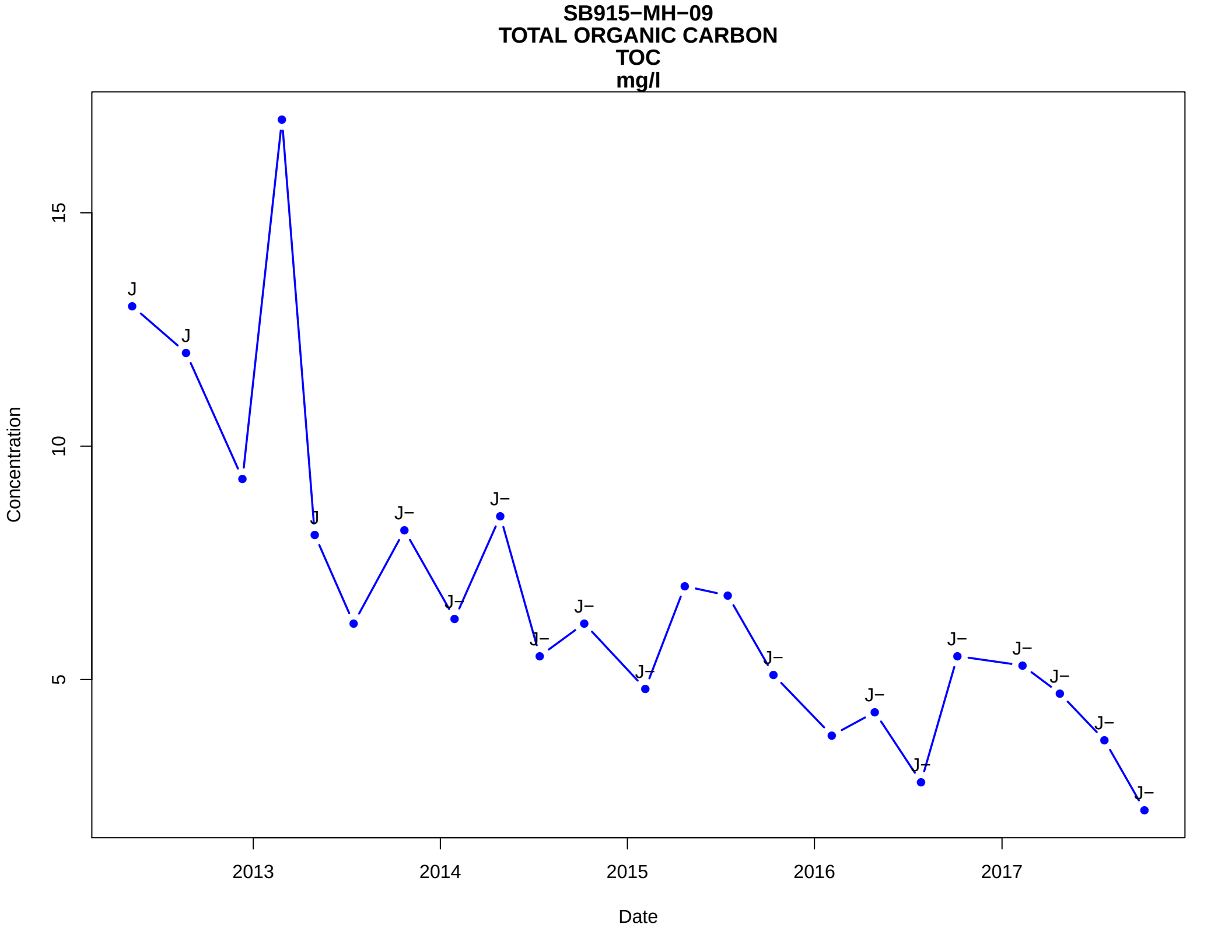
2014
2015
2016
2017
Date


SB915−MH−09
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
5
10
15
J
J
J
J
J−
J
J−
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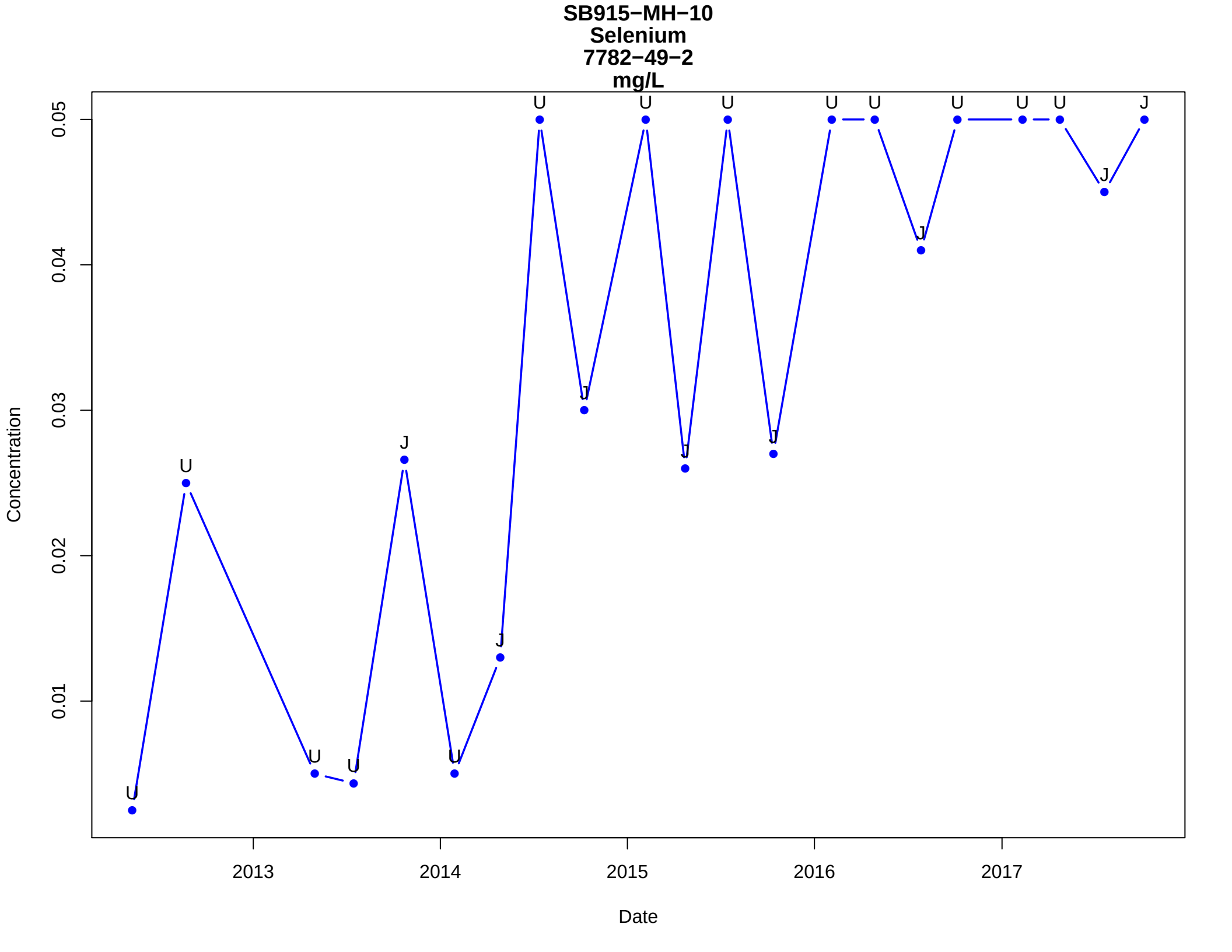
J−
2013
2014
2015
2016
2017
Date


SB915−MH−10
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
Date
U
U
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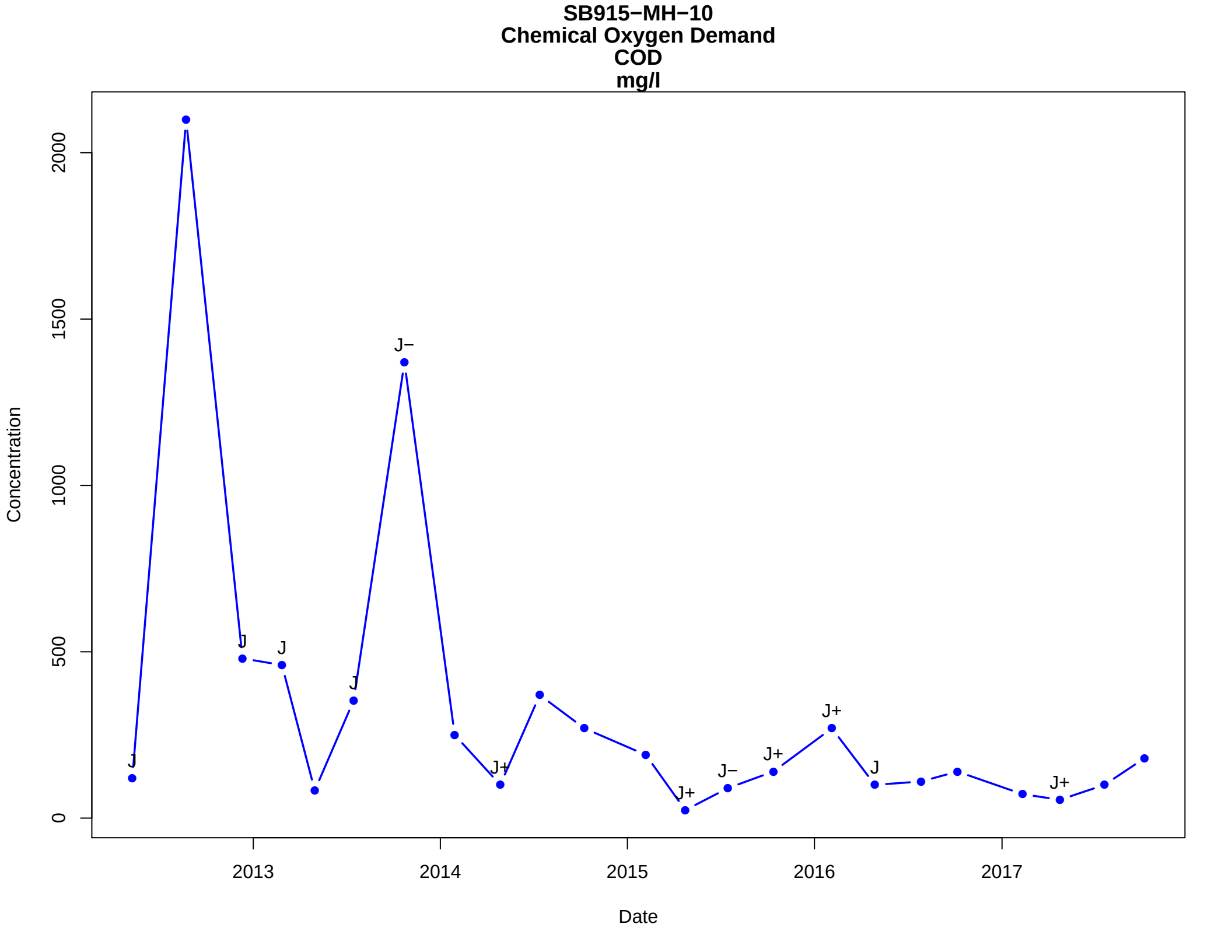
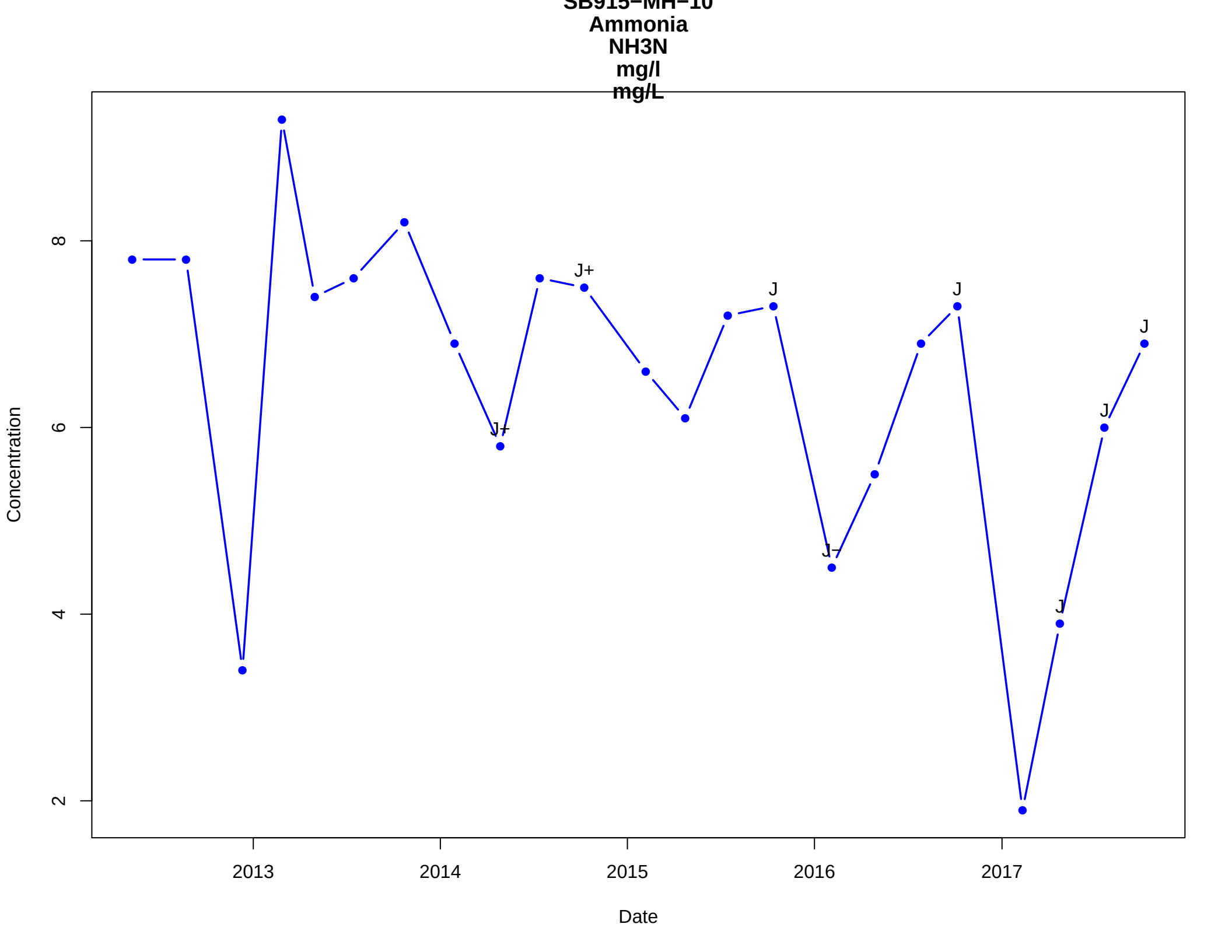

SB915−MH−10
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2013
2014
2015
2016
2017
Date
J
J
J
J
J−
J+
J+
J−
J+
J+
J
J+


SB915-MH-10
Ammonia
NH3N
mg/l
mg/L
Concentration
2
4
6
8
2013
2014
2015
2016
2017
Date
J+
J+
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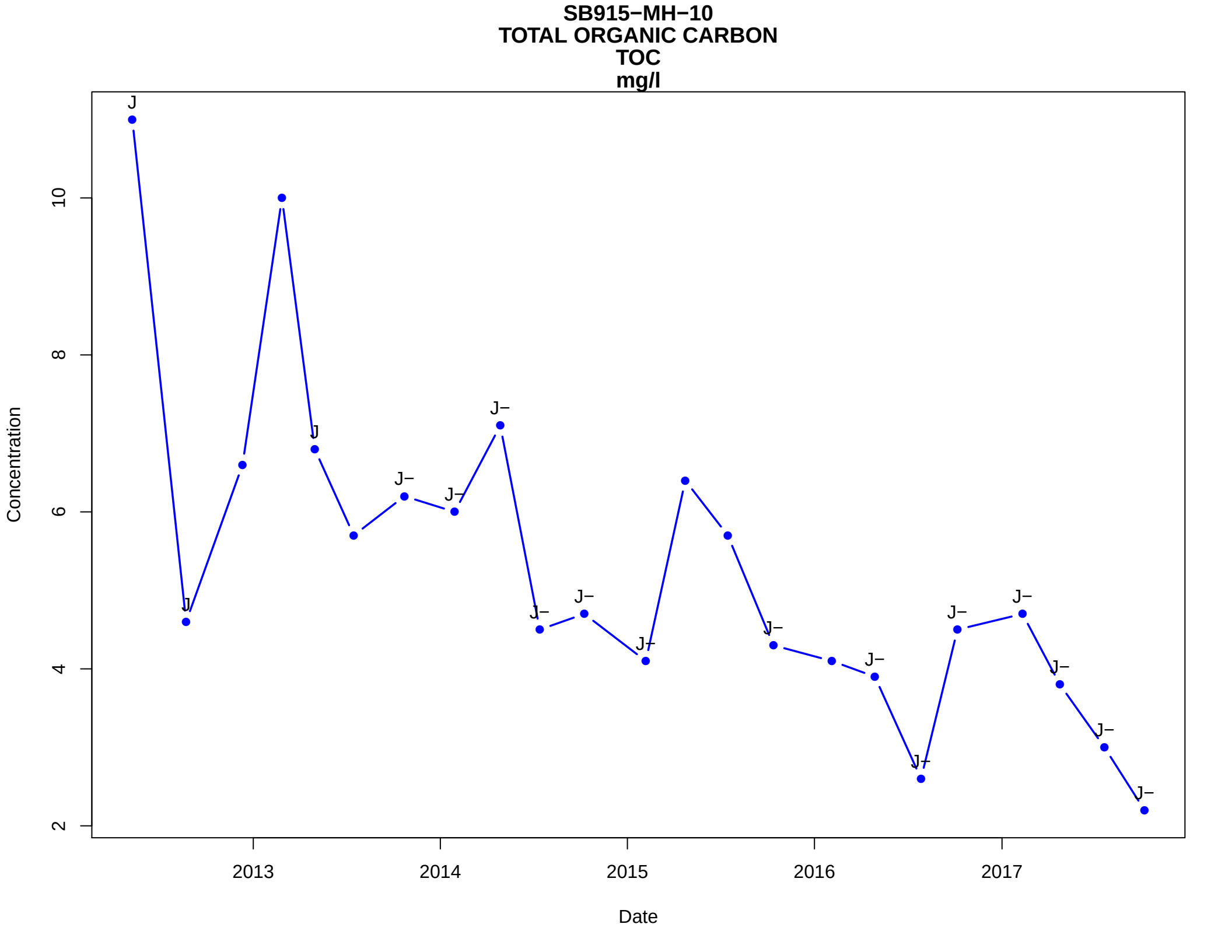
J
J
J
J
J


SB915−MH−10
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
2
4
6
8
10
2013
2014
2015
2016
2017
Date
J
J
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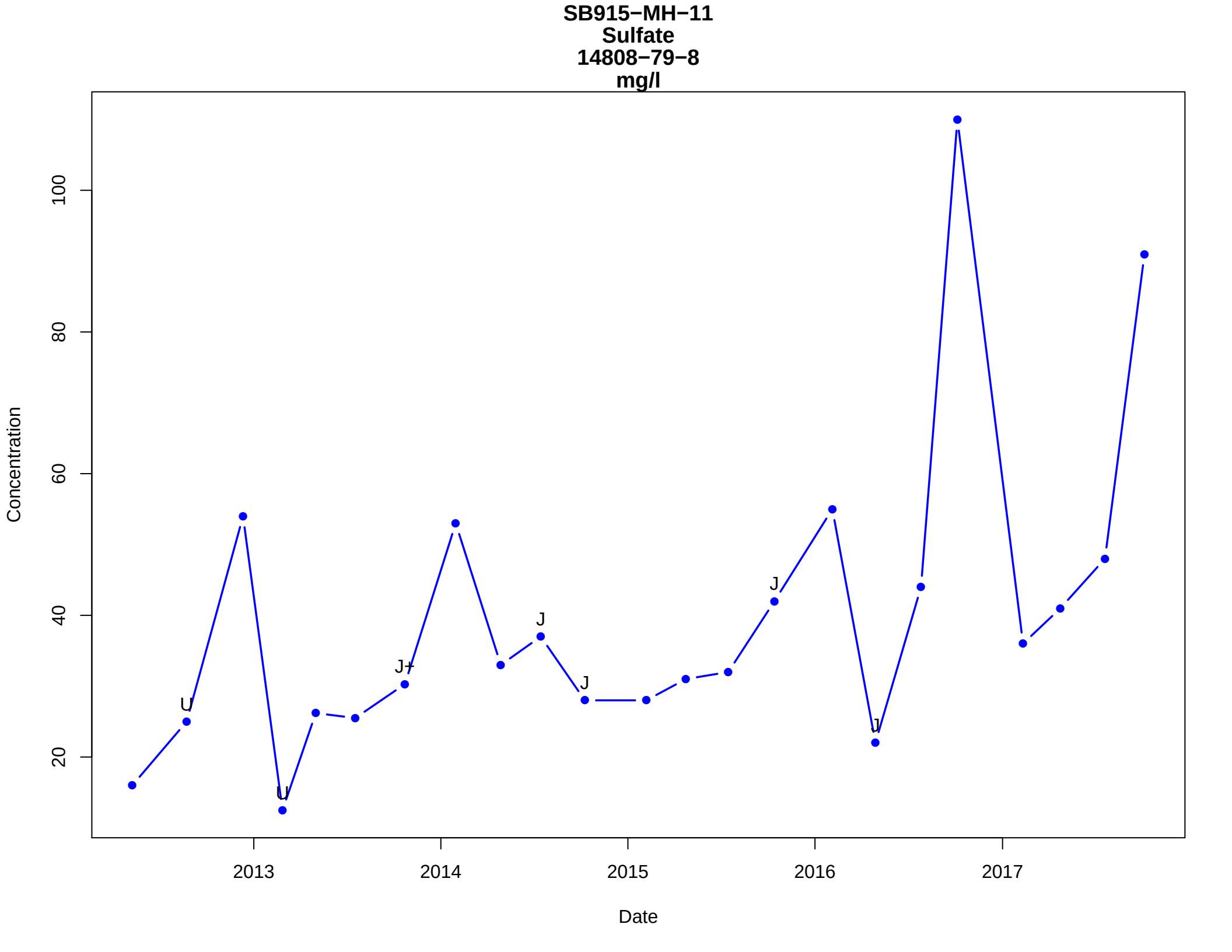
SB915−MH−11
Sulfate
14808−79−8
mg/l
Concentration
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60
80
100
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U
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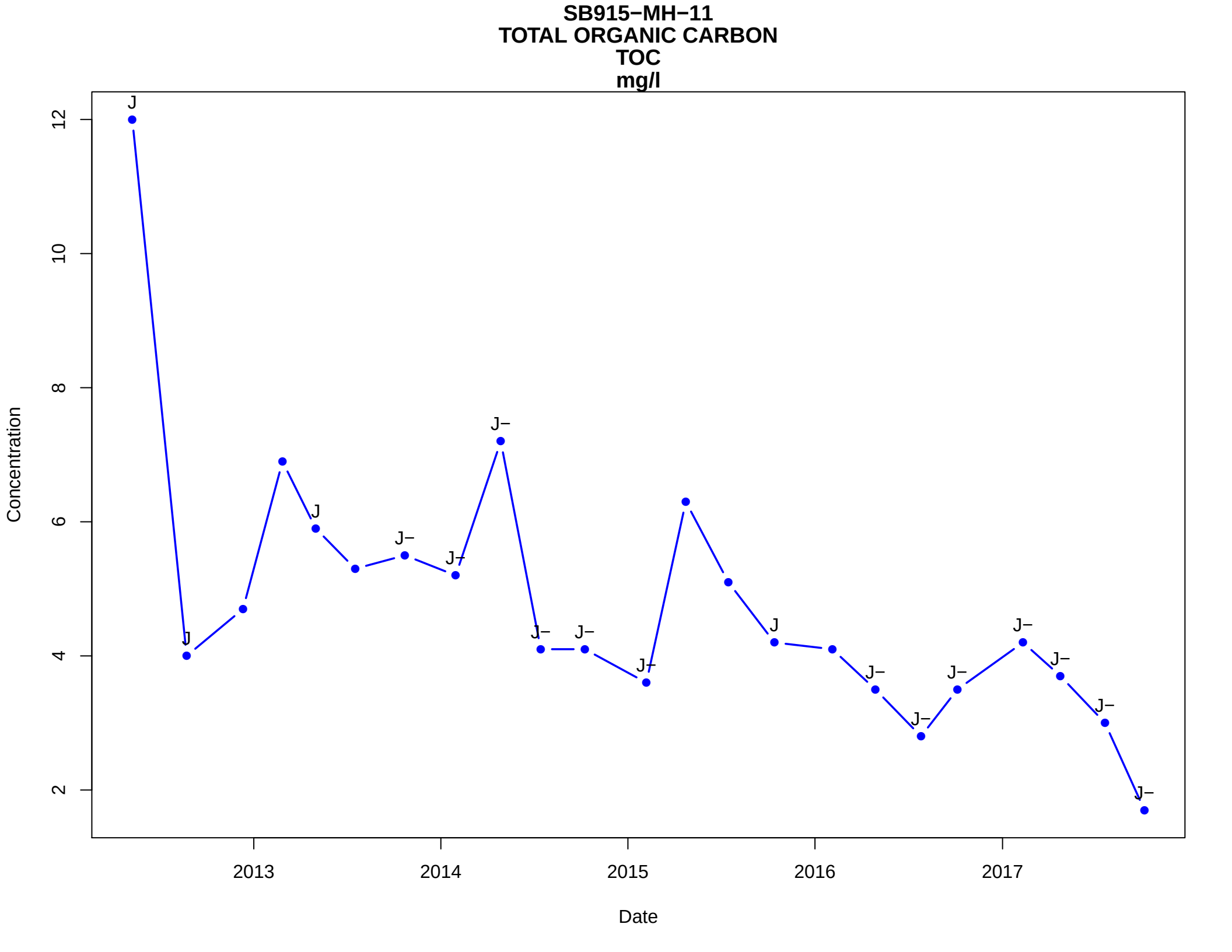
2014
2015
2016
2017
Date


SB915−MH−11
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2
4
6
8
10
12
2013
2014
2015
2016
2017
J
J
J
J−
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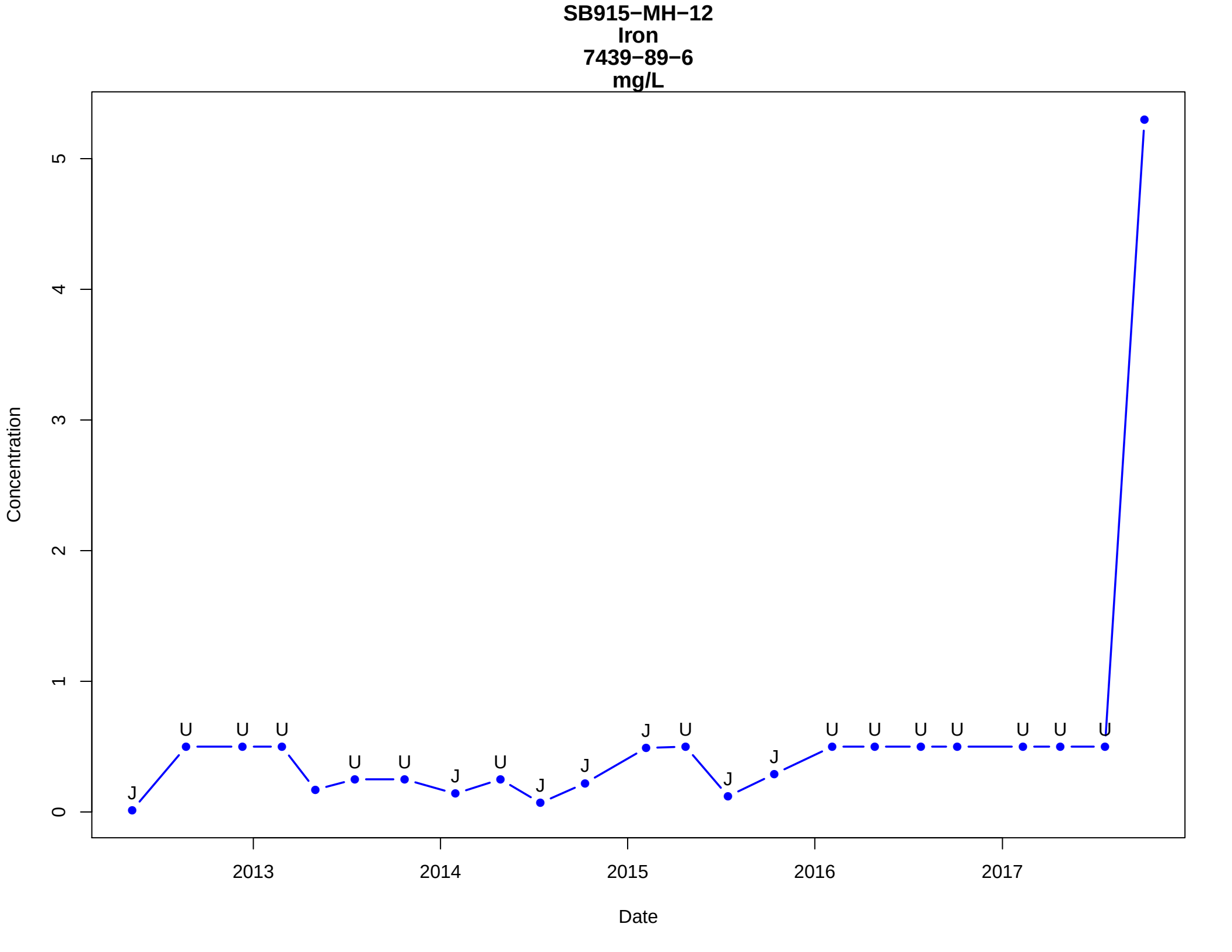
J−


SB915−MH−12
Iron
7439−89−6
mg/L
Concentration
0
1
2
3
4
5
J
U
U
U
U
U
J
U
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2013
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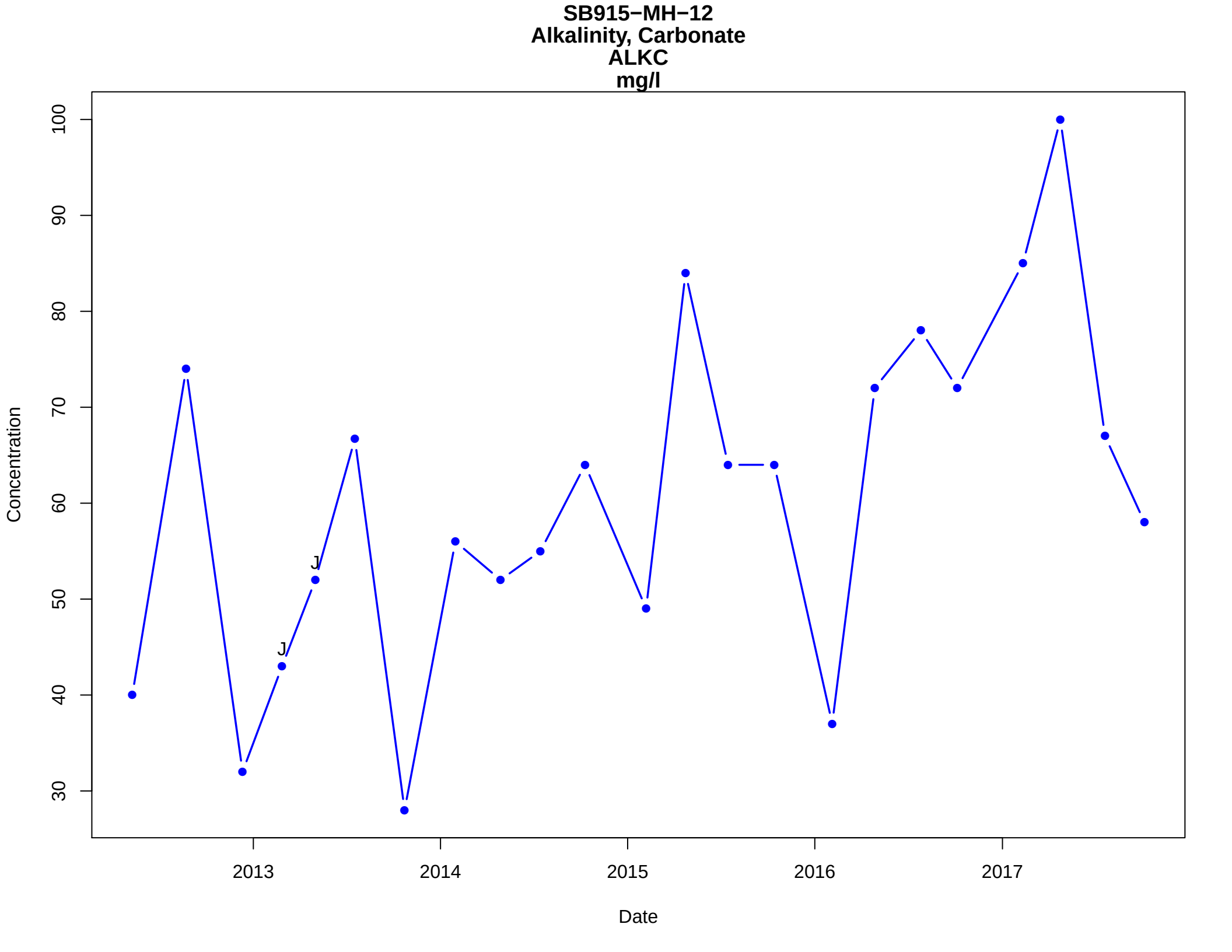
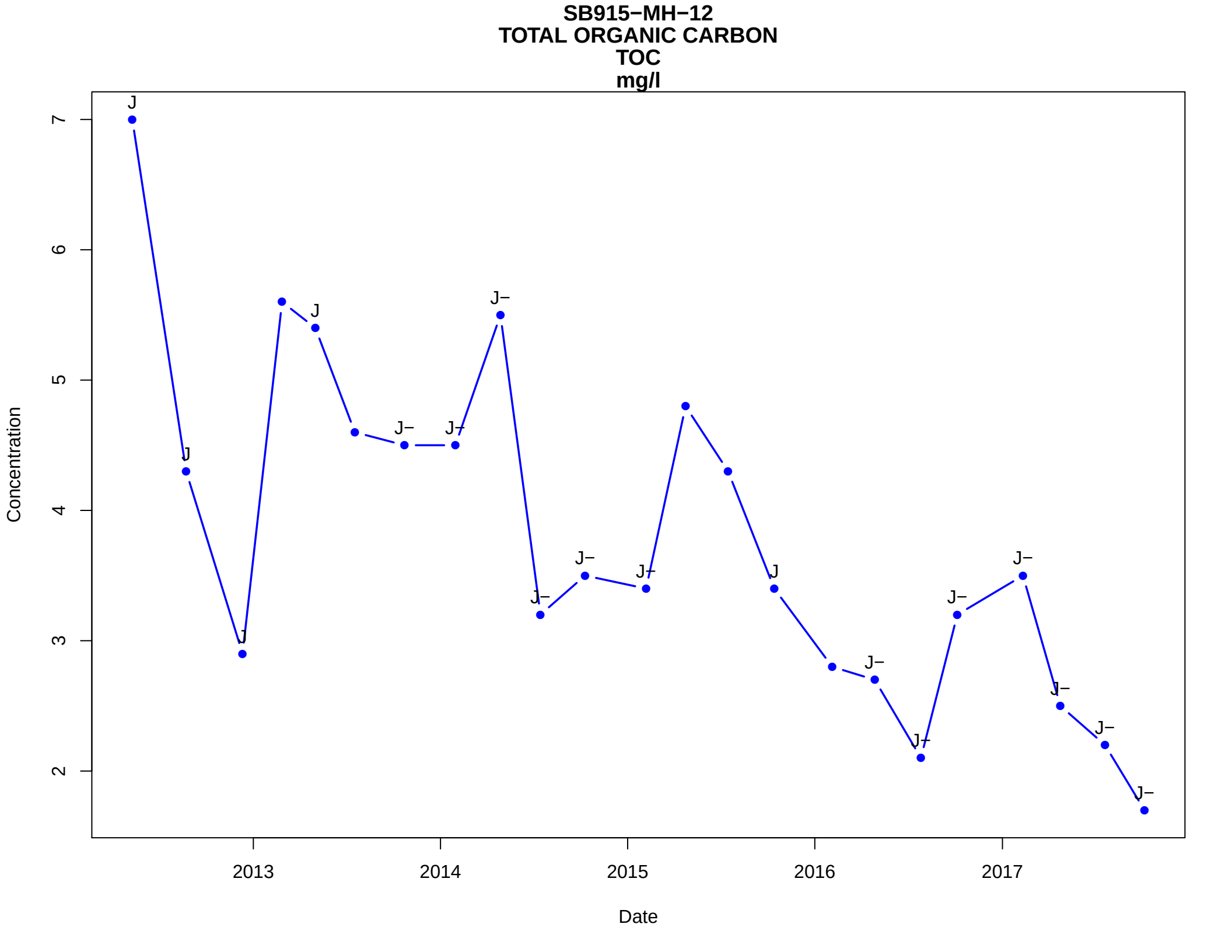
Date


SB915−MH−12
Alkalinity, Carbonate
ALKC
mg/l
Concentration
100
90
80
70
60
50
40
30
J
J
2013
2014
2015
2016
2017
Date


SB915−MH−12
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2
3
4
5
6
7
2013
2014
2015
2016
2017
J
J
J
J
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J−
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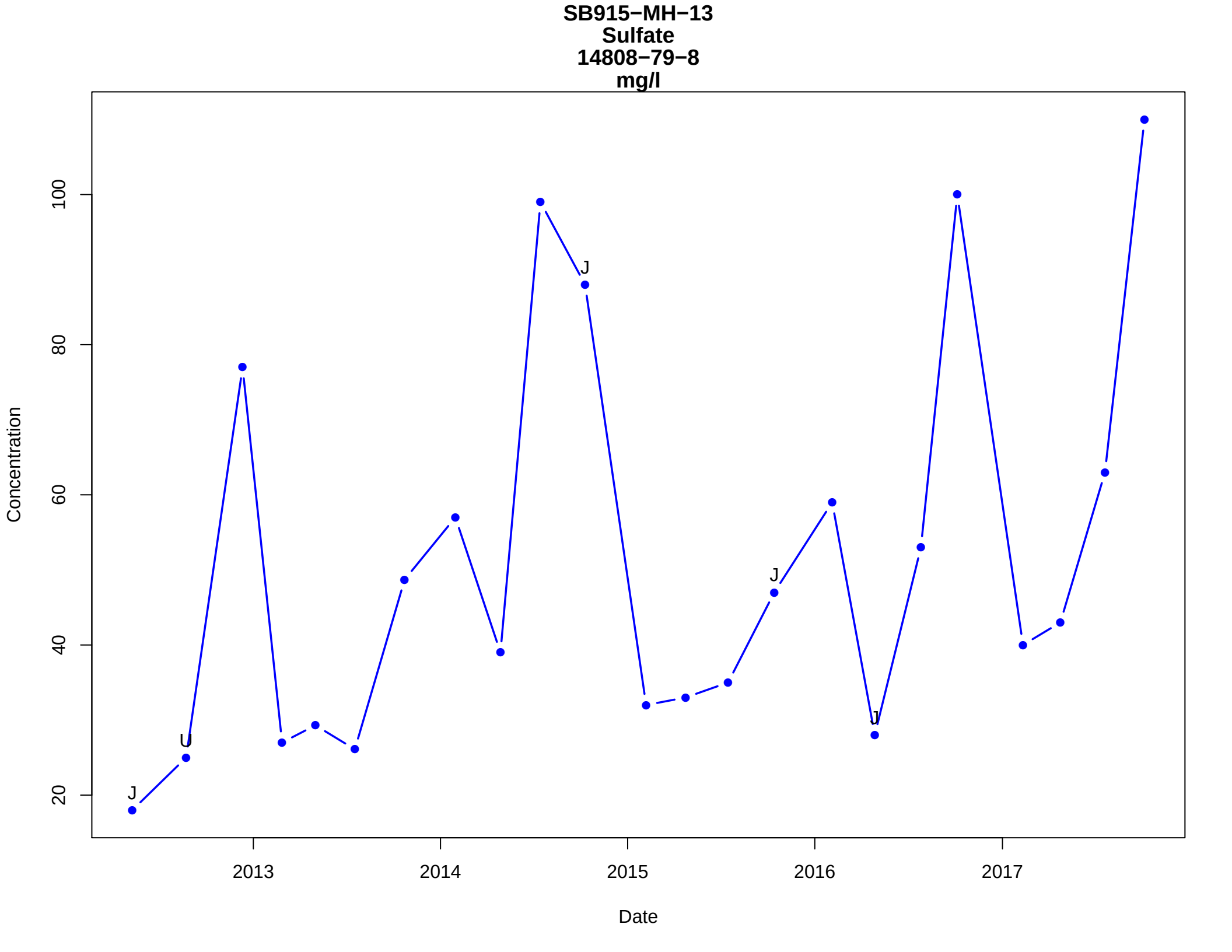
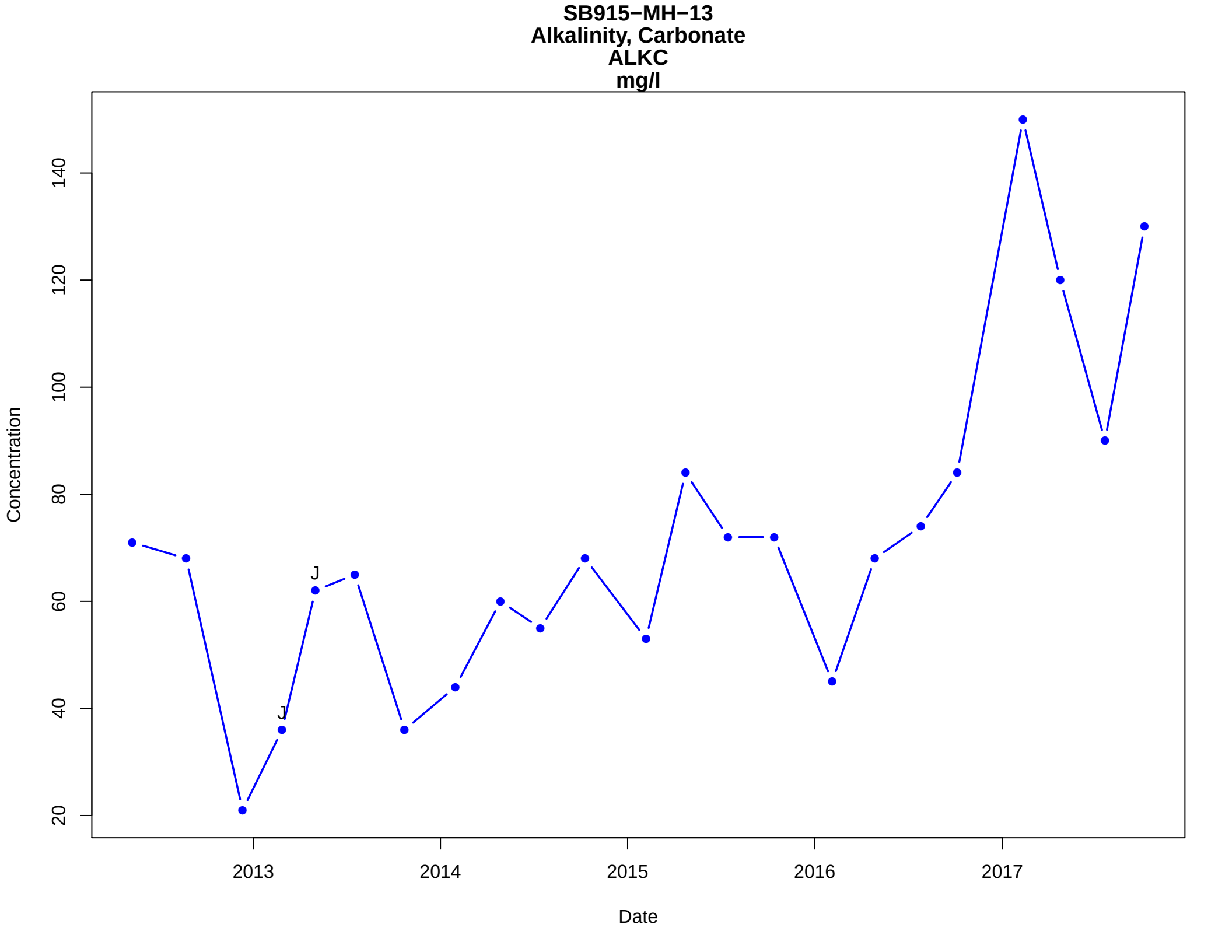
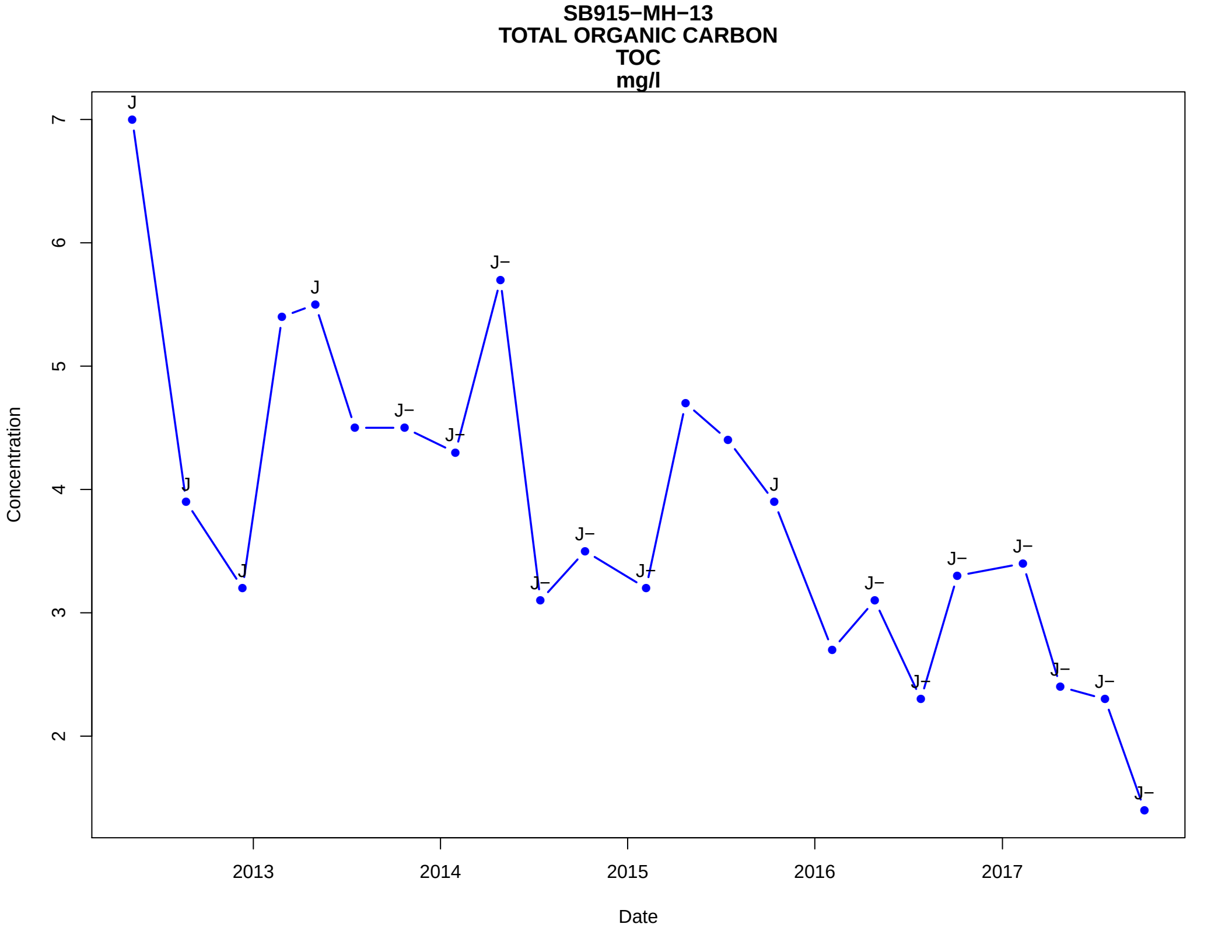
J−
J−
J−


SB915−MH−13
Sulfate
14808−79−8
mg/l
Concentration
20
40
60
80
100
2013
2014
2015
2016
2017
Date
J
J
J
J


SB915−MH−13
Alkalinity, Carbonate
ALKC
mg/l
Concentration
20
40
60
80
100
120
140
J
J
2013
2014
2015
2016
2017
Date


SB915−MH−13
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2
3
4
5
6
7
2013
2014
2015
2016
2017
J
J
J
J
J−
J
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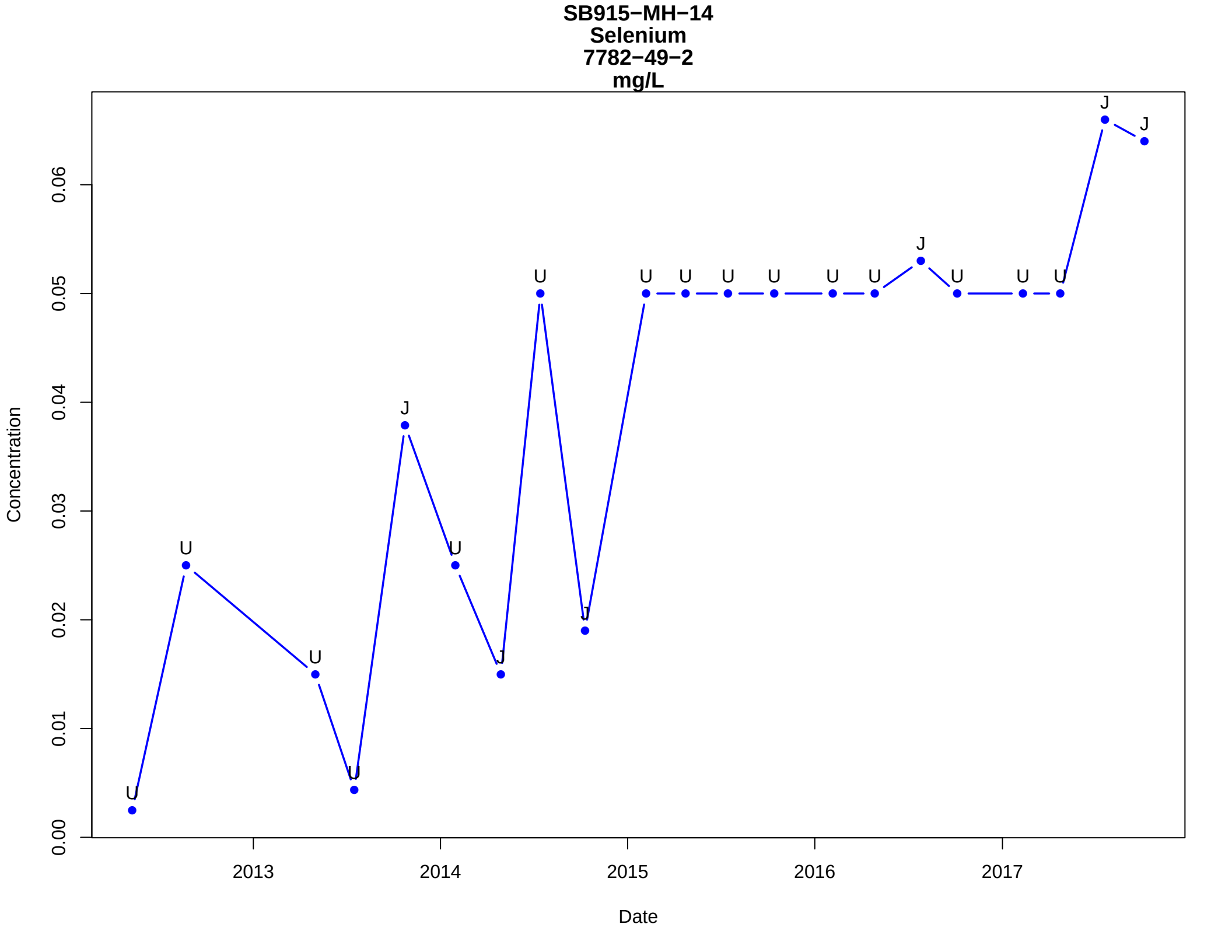
J−
J−


SB915−MH−14
Selenium
7782−49−2
mg/L
Concentration
0.00
0.01
0.02
0.03
0.04
0.05
0.06
2013
2014
2015
2016
2017
Date
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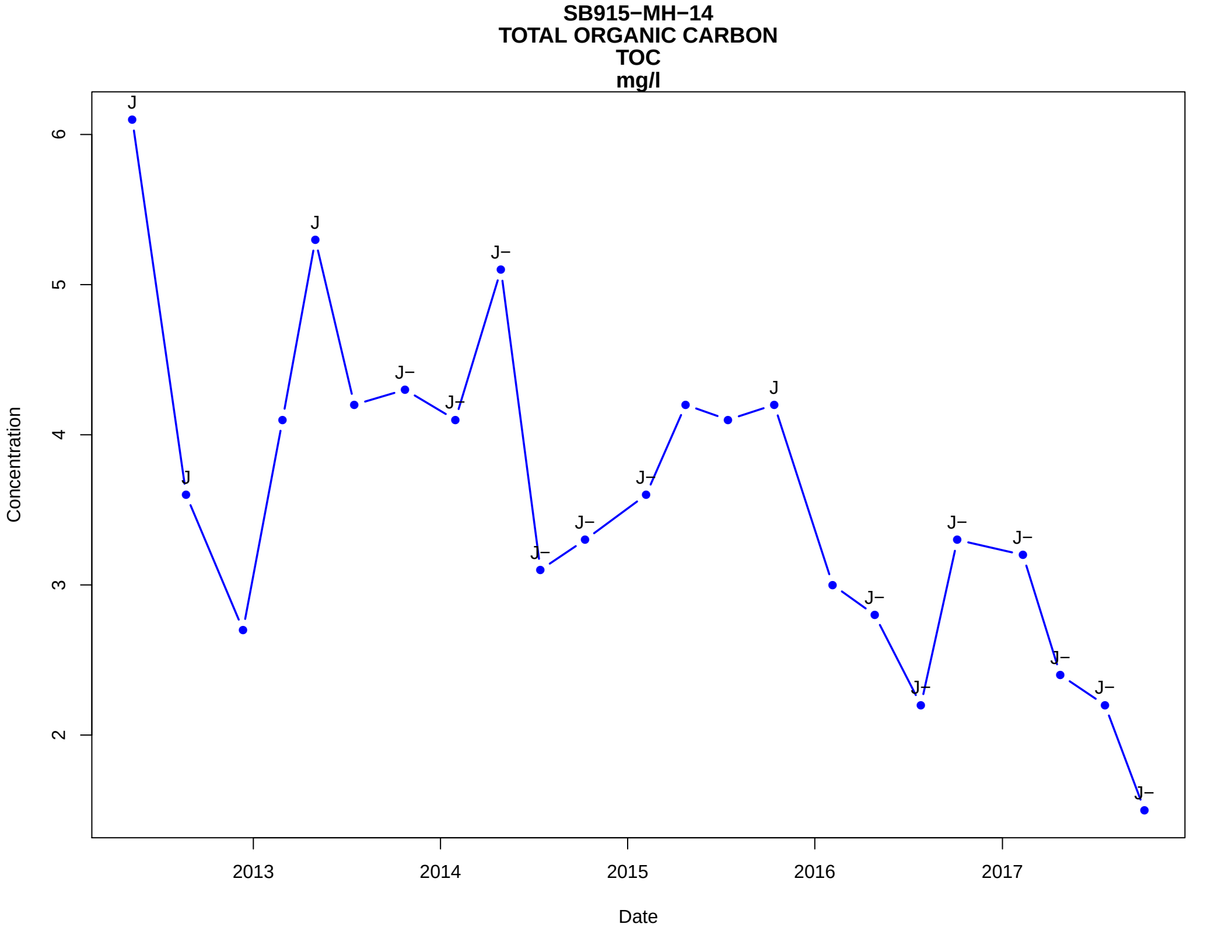
J


SB915−MH−14
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2
3
4
5
6
2013
2014
2015
2016
2017
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J
J−
J−
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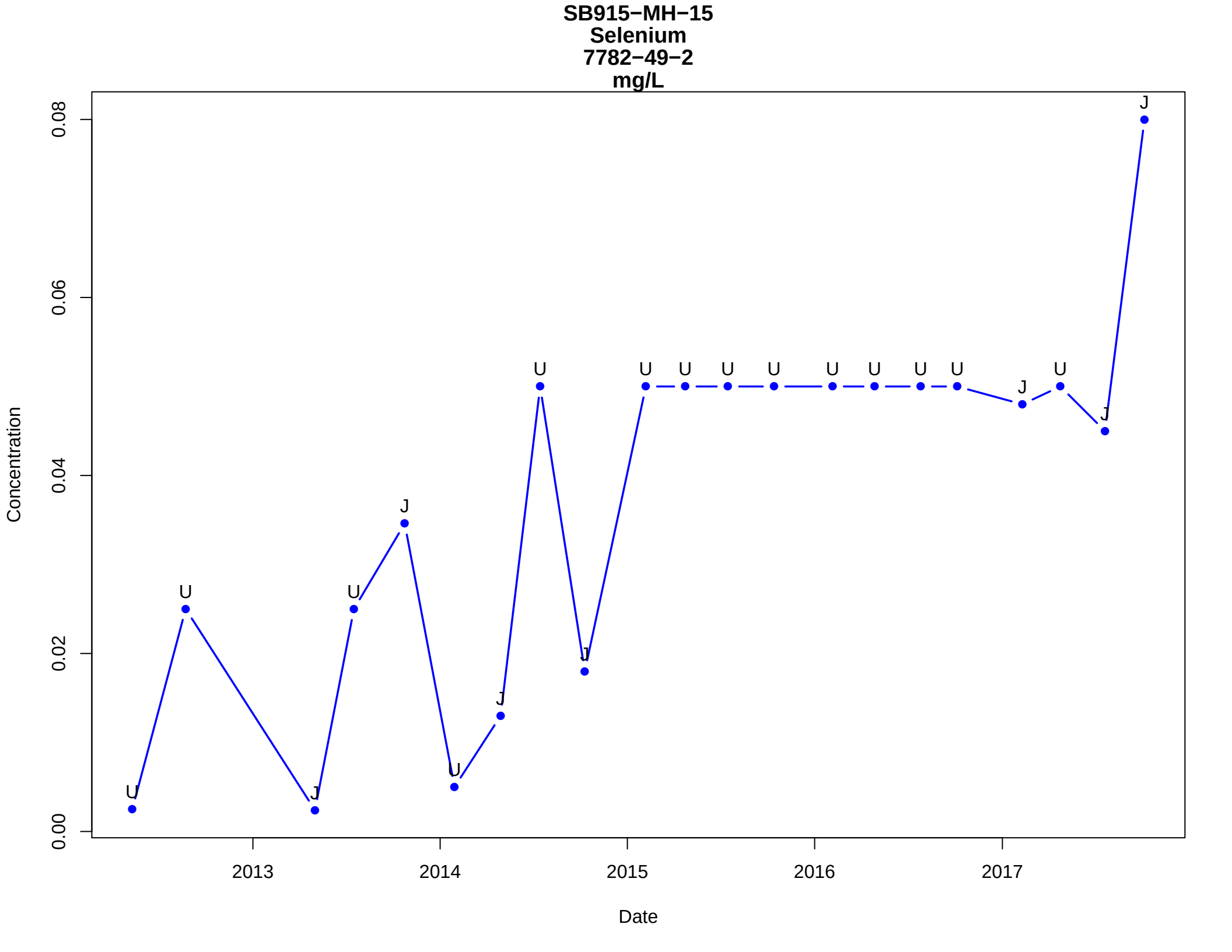
J−


SB915−MH−15
Selenium
7782−49−2
mg/L
Concentration
0.00
0.02
0.04
0.06
0.08
2013
2014
2015
2016
2017
Date
U
U
J
U
J
U
J
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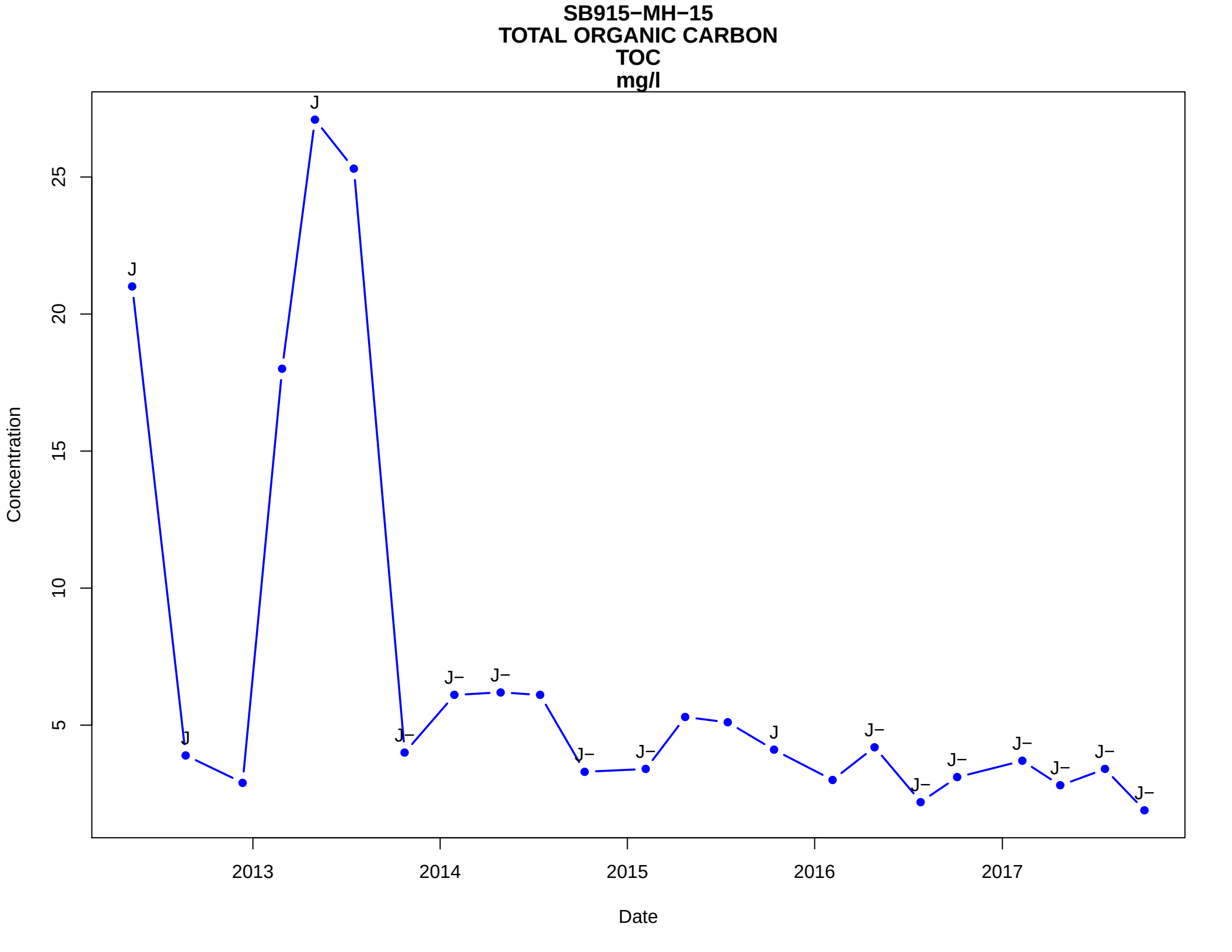
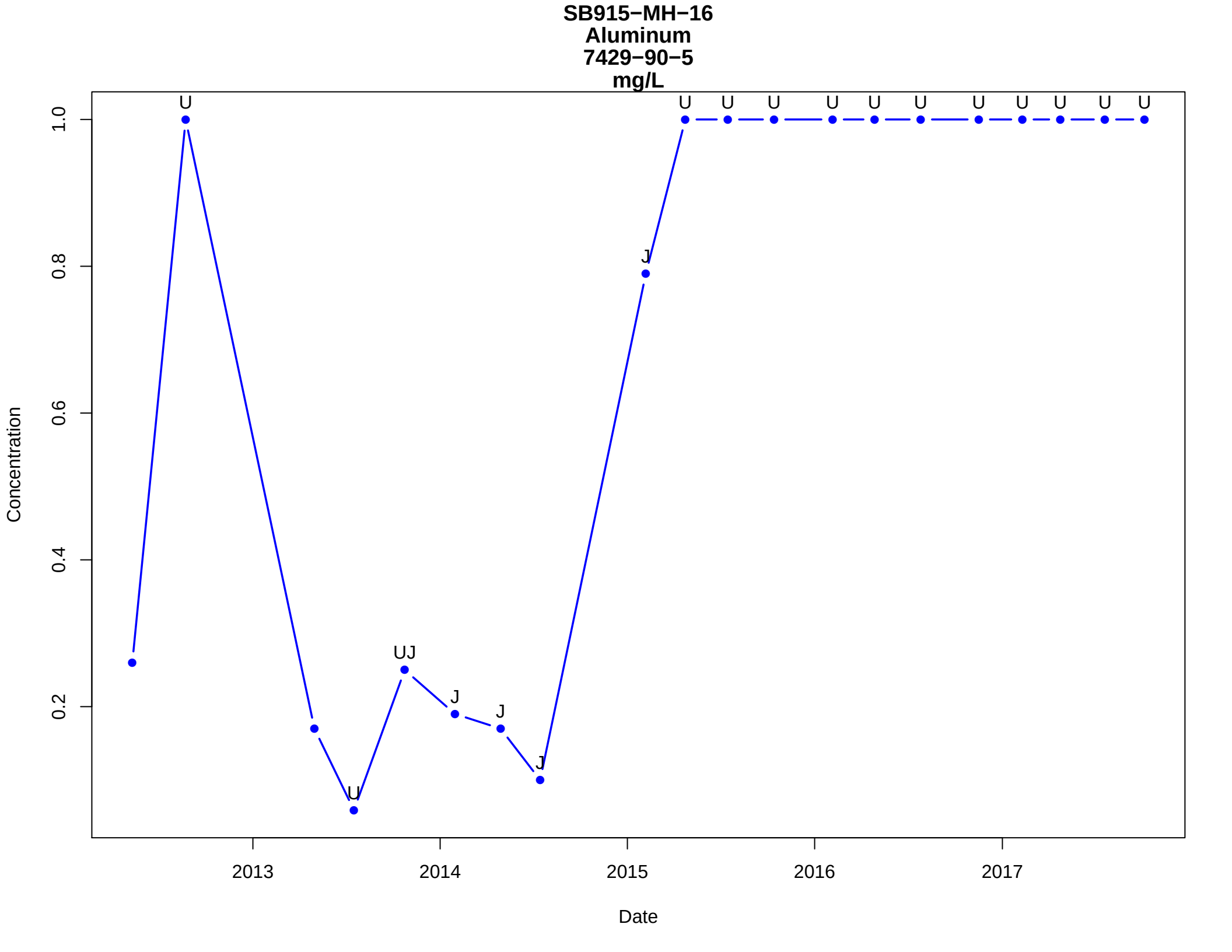
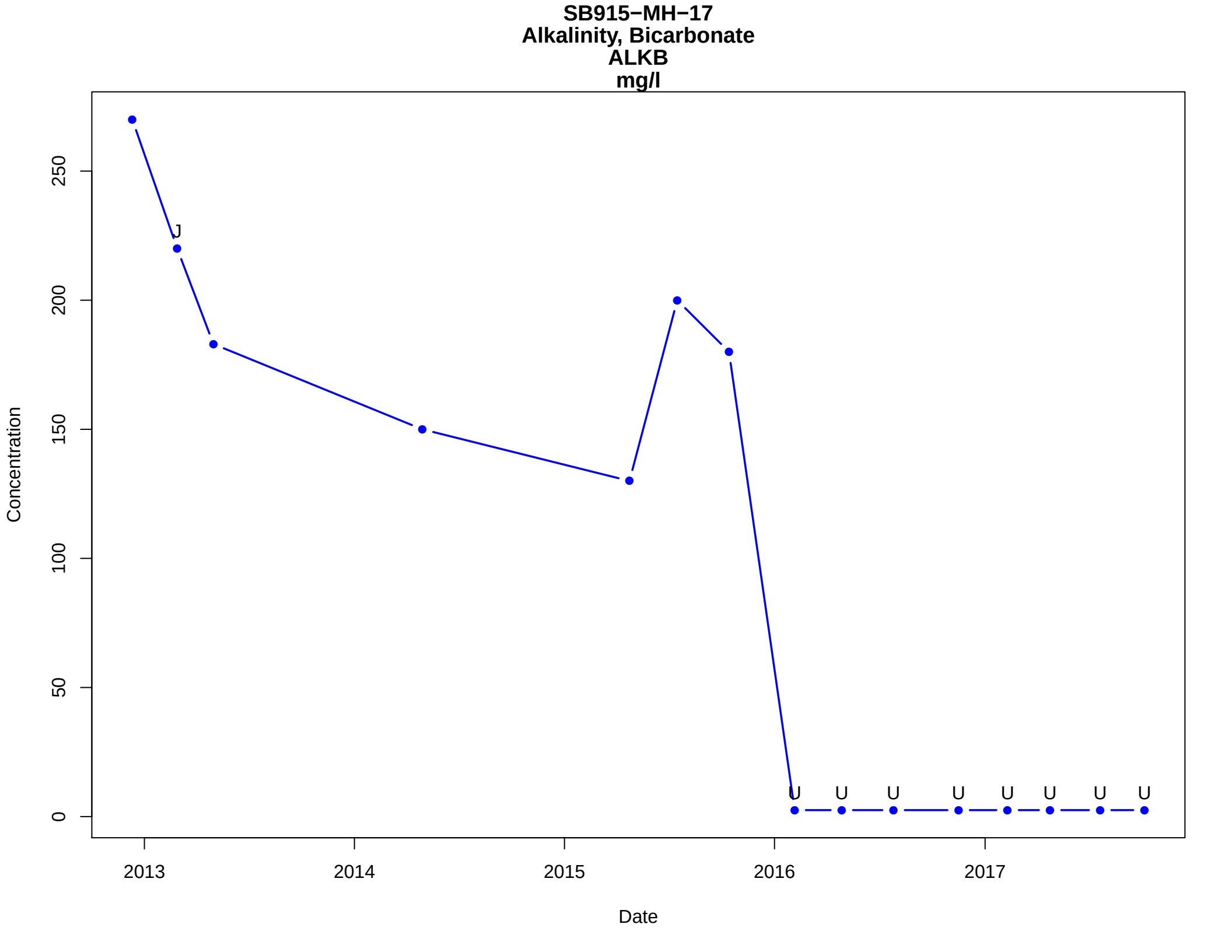
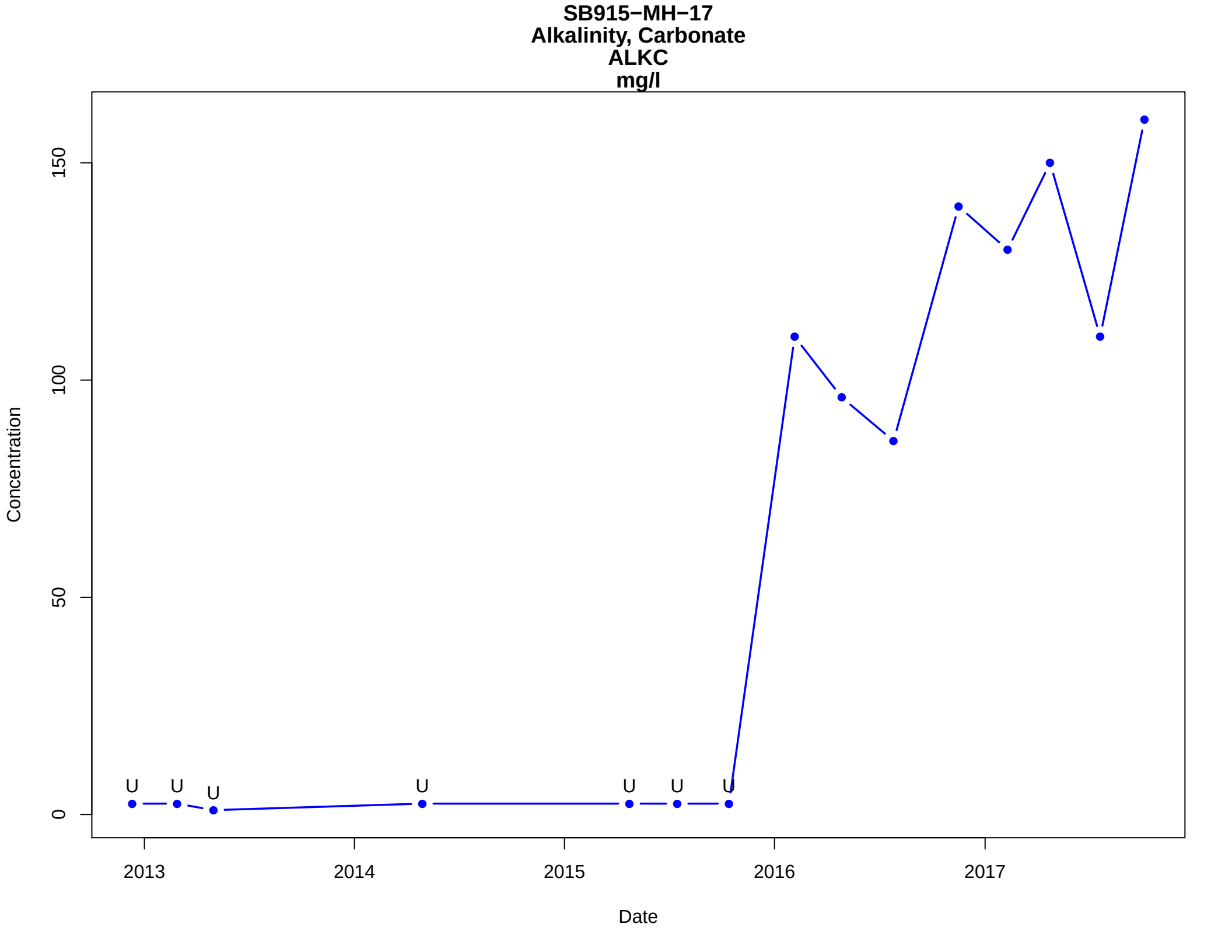
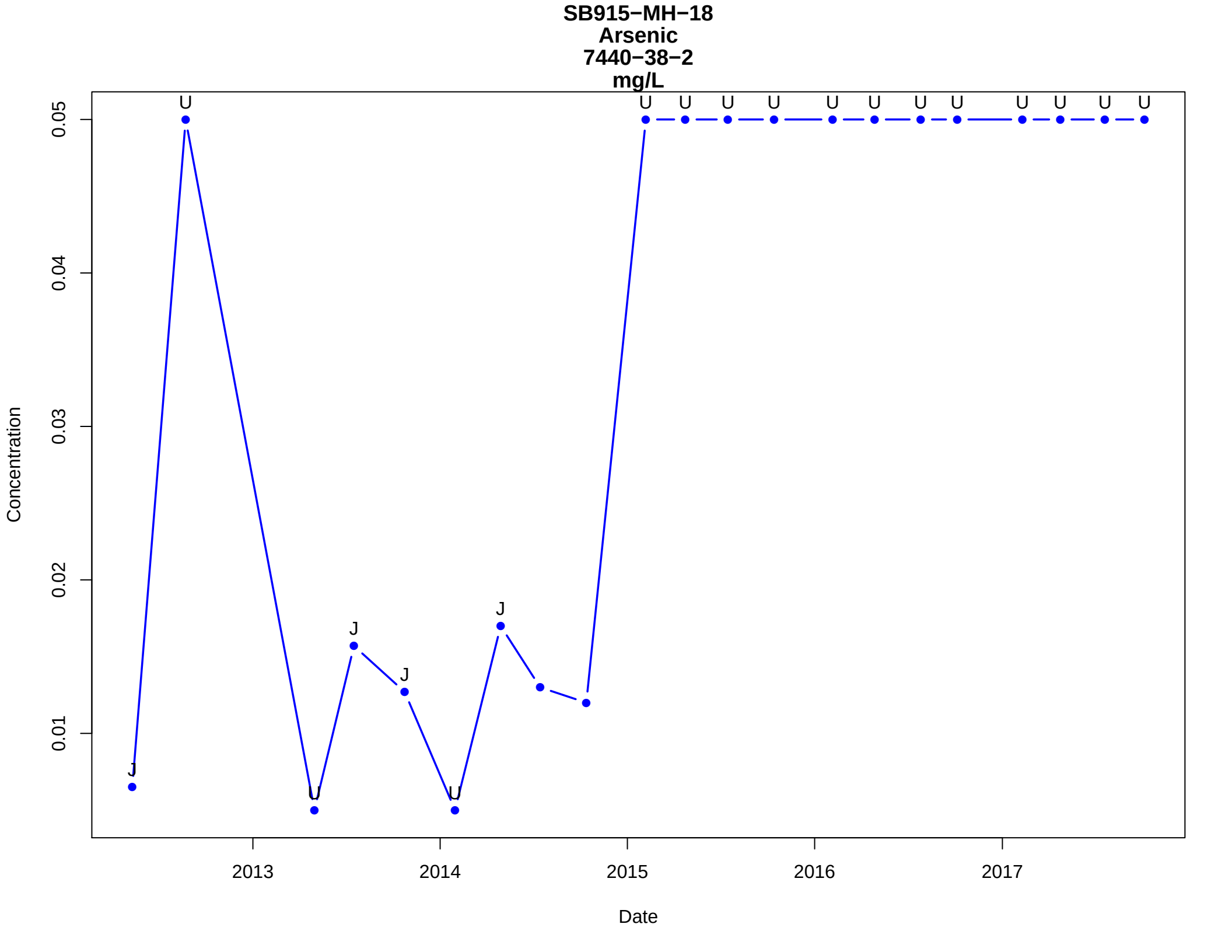
J
J

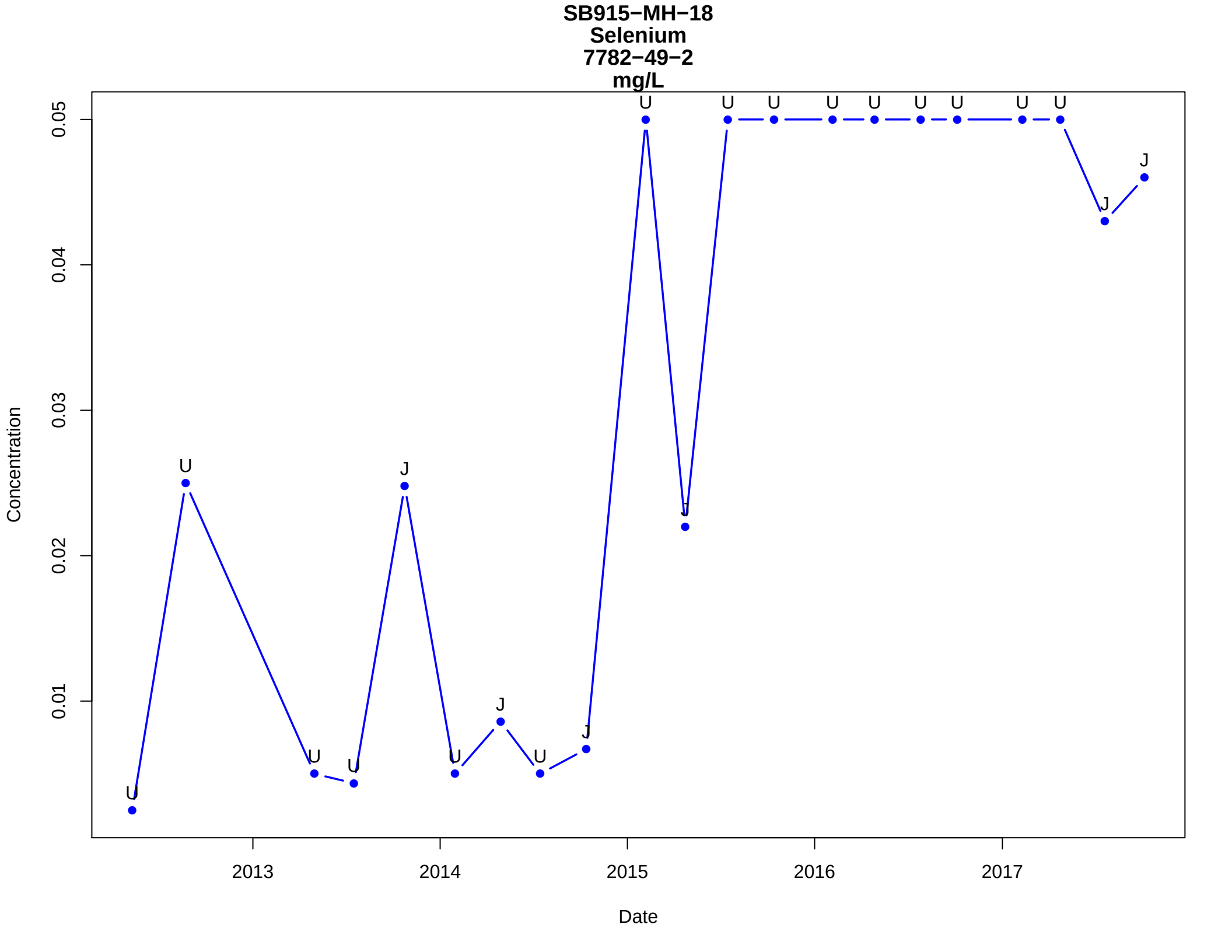

SB915−MH−15
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
5
10
15
20
25
2013
2014
2015
2016
2017
Date
J
J
J
J
J−
J−
J−
J−
J
J−
J−
J
J−
J−
J−
J−
J−

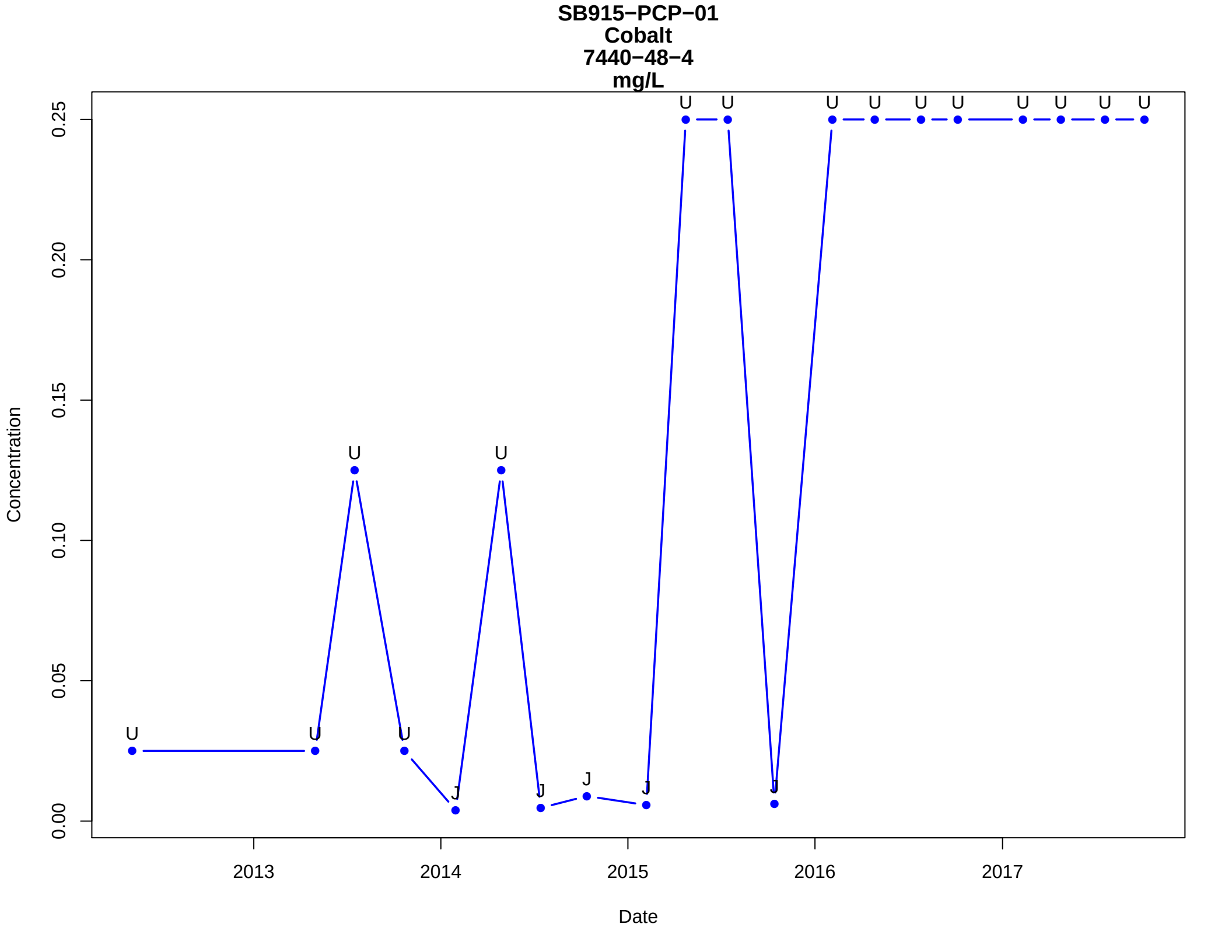

SB915−MH−16
Aluminum
7429−90−5
mg/L
Concentration
0.2
0.4
0.6
0.8
1.0
U
U
UJ
J
J
J
U U U U U U U U U U U
2013
2014
2015
2016
2017
Date

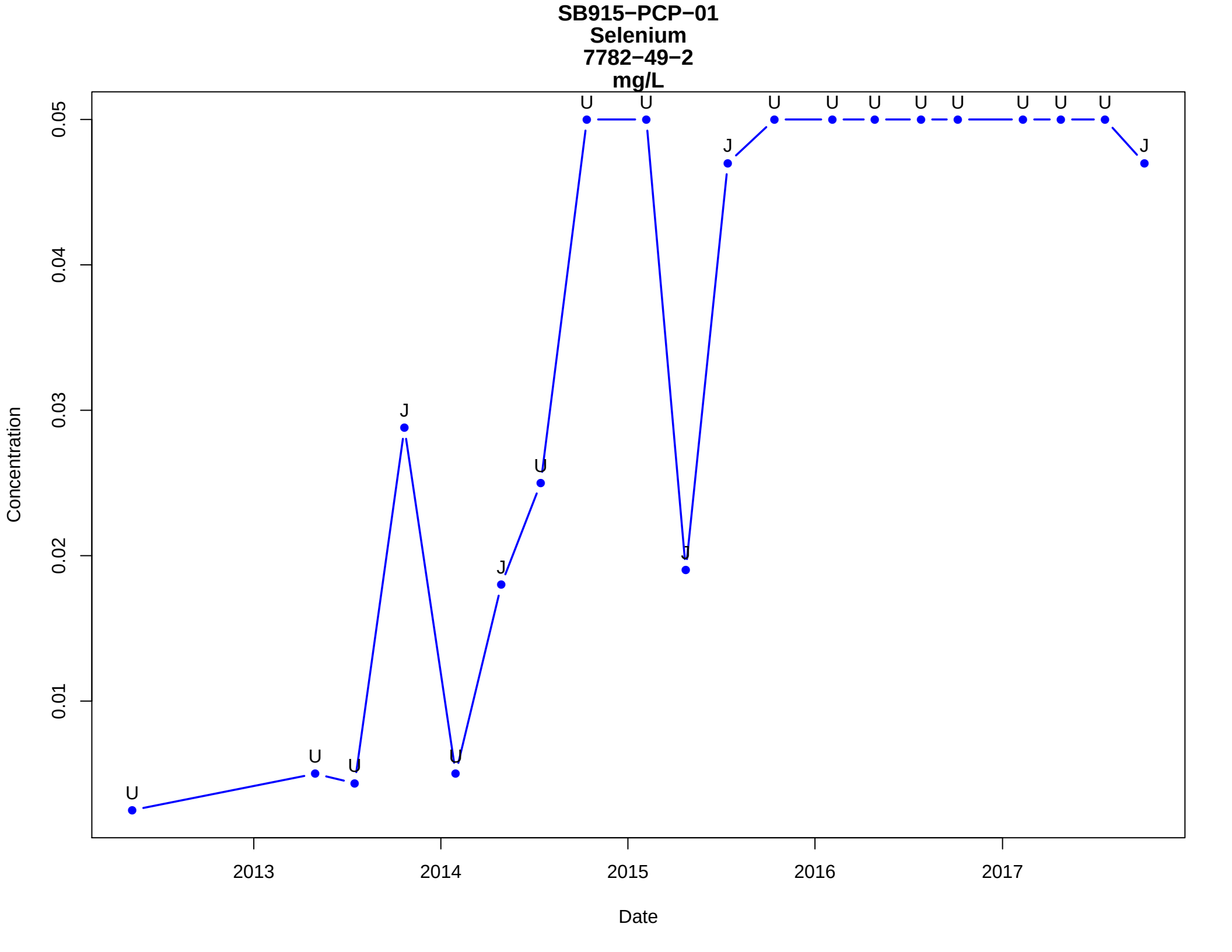

SB915−MH−17
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
0
50
100
150
200
250
J
U
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
Date


SB915−MH−17
Alkalinity, Carbonate
ALKC
mg/l
Concentration
0
50
100
150
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
Date


SB915−MH−18
Arsenic
7440−38−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
J
U
U
J
J
U
J
U
U
U
U
U
U
U
U
U
U
U
U
2013
2014
2015
2016
2017
Date


SB915−MH−18
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
Date
U
U
U
U
J
U
J
U
J
U
U
U
U
U
U
U
U
J
J


SB915−PCP−01
Cobalt
7440−48−4
mg/L
Concentration
0.00
0.05
0.10
0.15
0.20
0.25
2013
2014
2015
2016
2017
Date
U
J


SB915−PCP−01
Selenium
7782−49−2
mg/L
Concentration
0.01
0.02
0.03
0.04
0.05
2013
2014
2015
2016
2017
Date
U
U
U
J
U
J
U
U
J
U
U
U
U
U
U
U
U
J

PLOTDATE: 11/07/17 3:17:18 PM MellenMD

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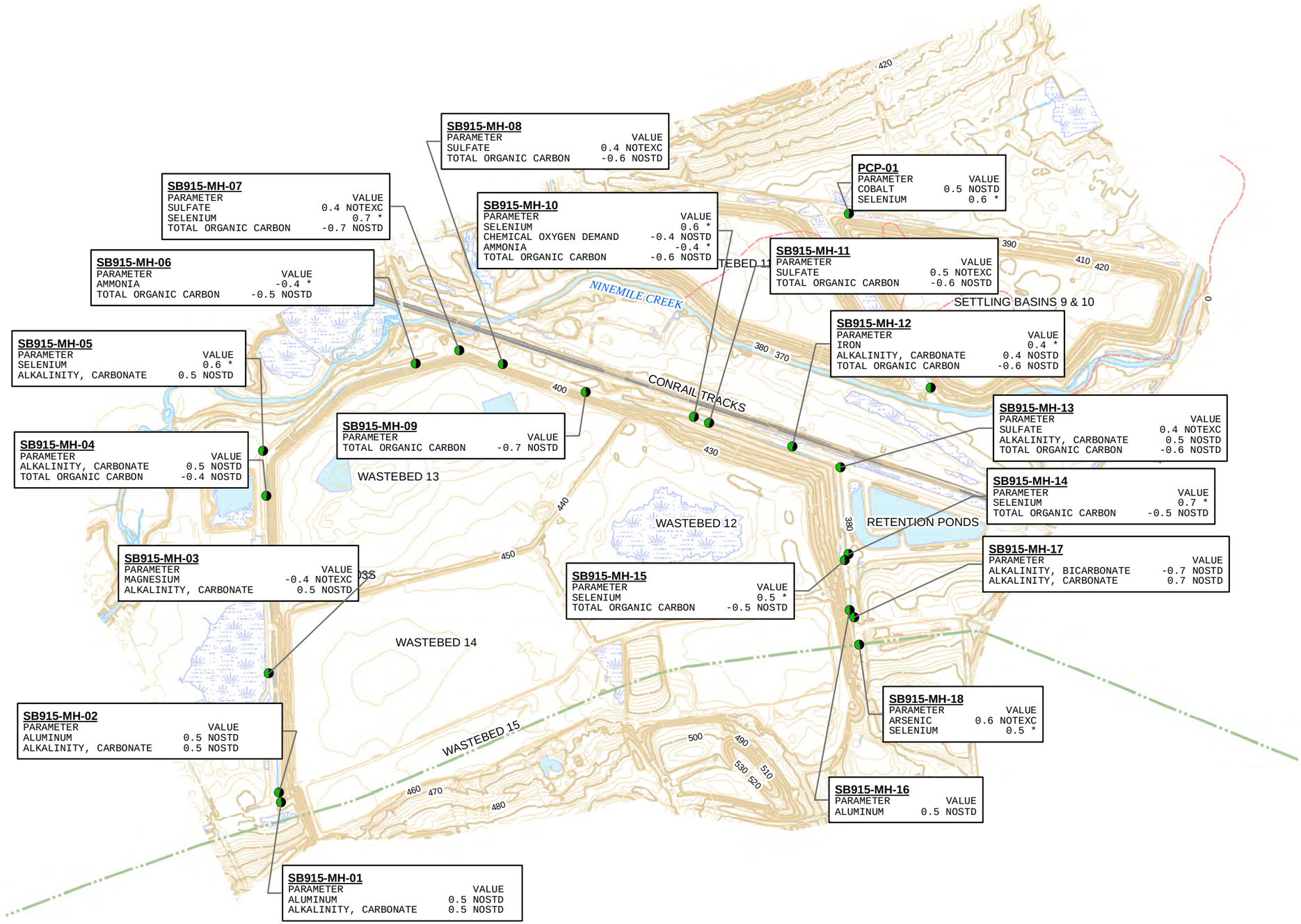


N

LEGEND

● LEACHATE LOCATION

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

SUBSURFACE LEACHATE

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

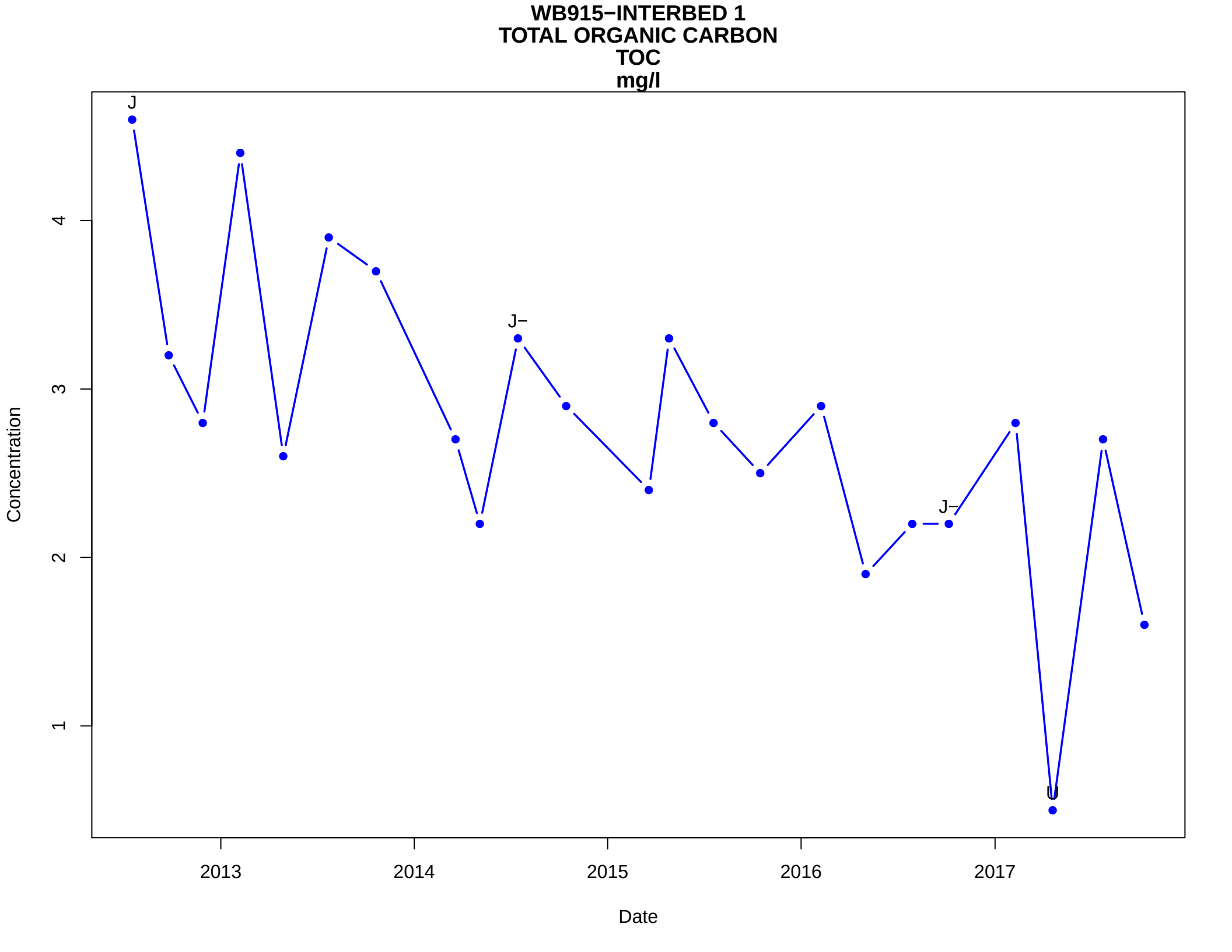
O'BRIEN & GERE ENGINEERS, INC.

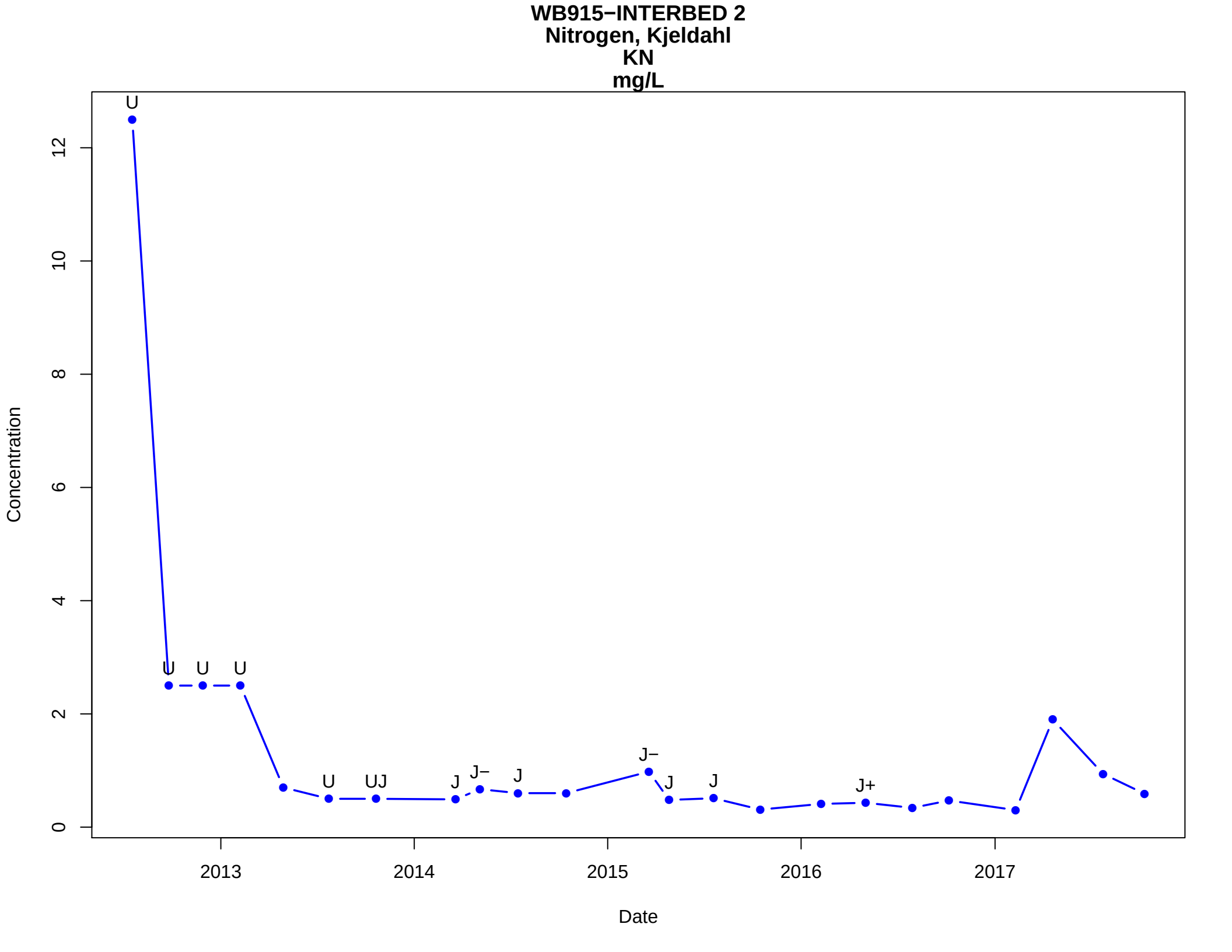
APPENDIX H
SURFACE WATER SIGNIFICANT TRENDS

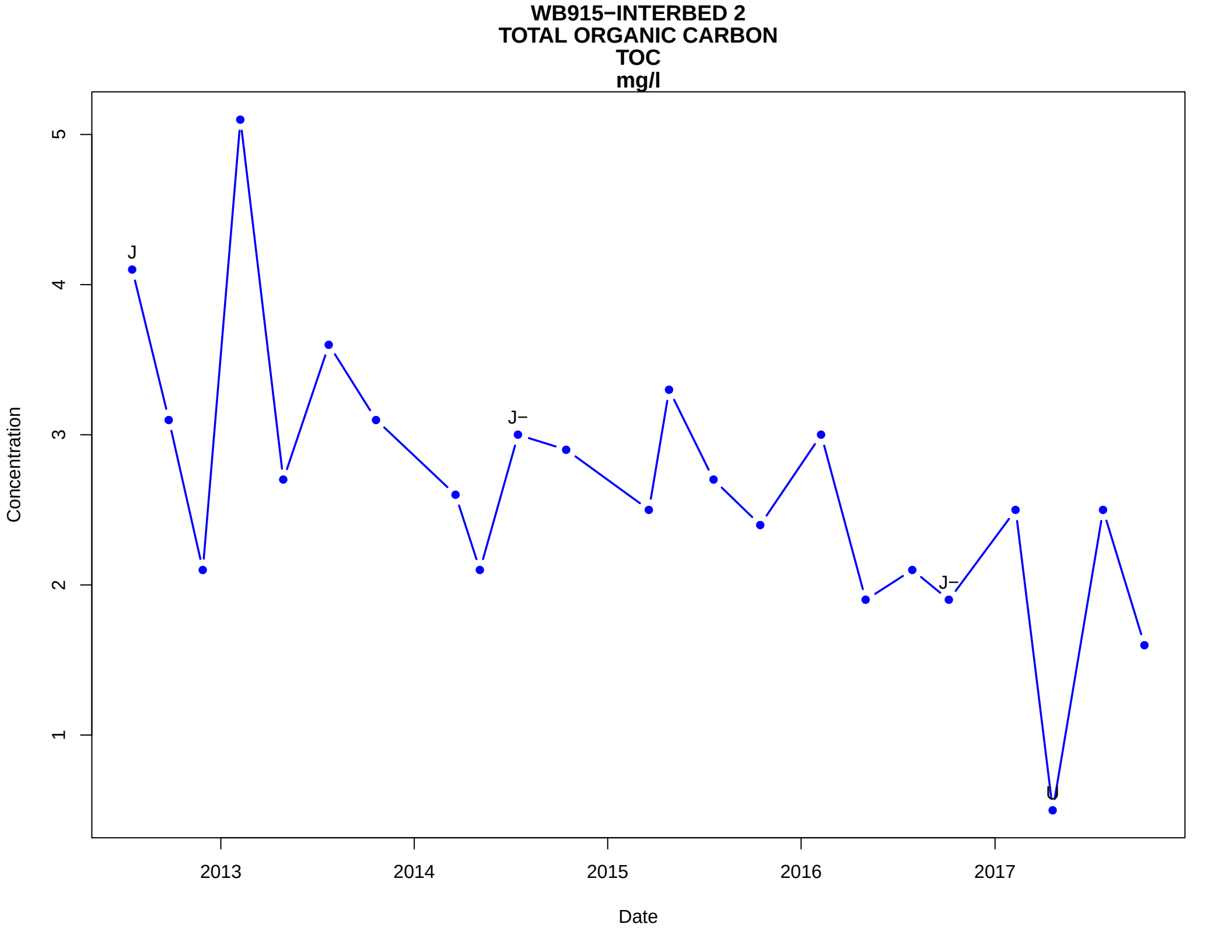
Appendix H
Wastebeds 9-15
Closure Investigation Data Evaluation Report
Surface Water Significant Trends

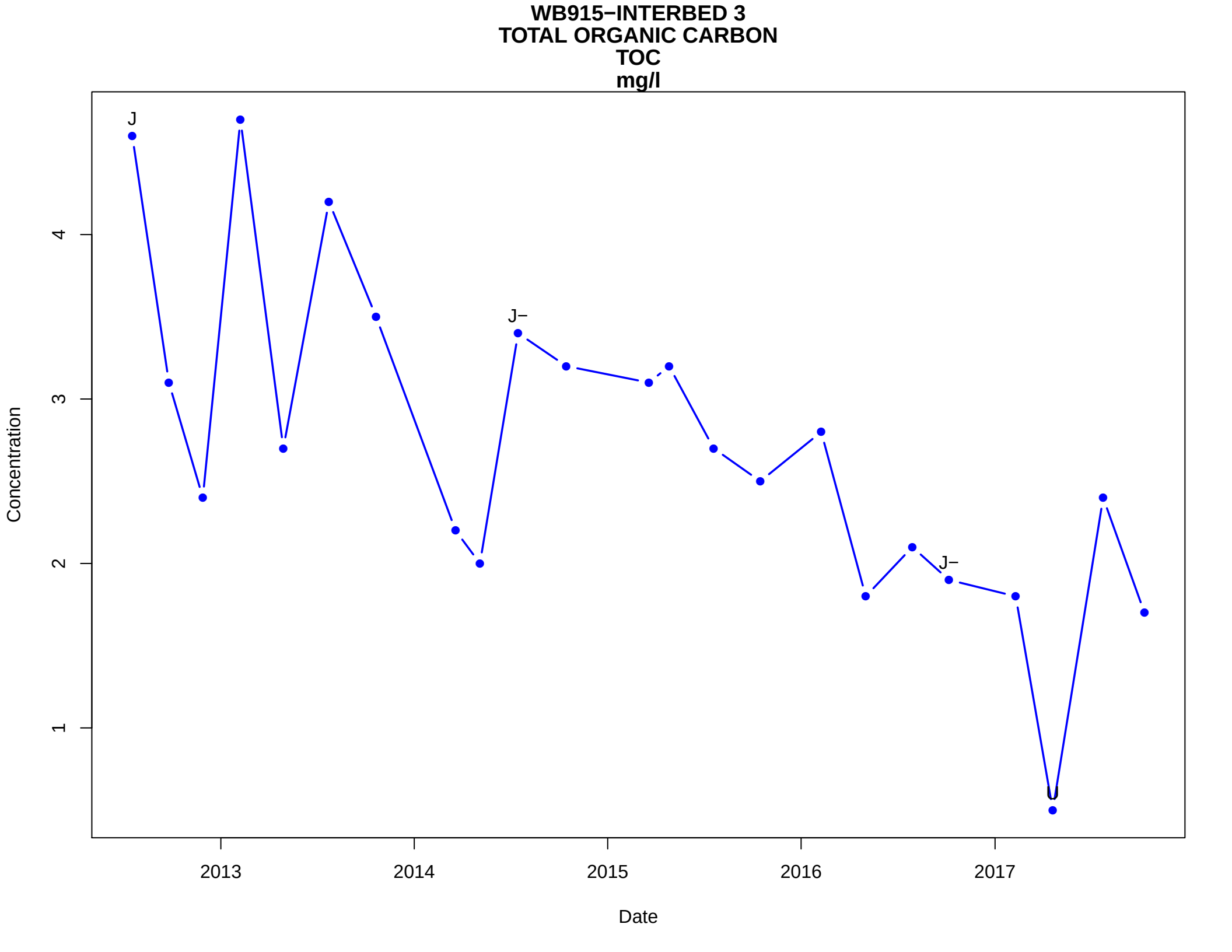
Location ID	Barium	Iron	Magnesium	Manganese	Potassium	Sodium	Alkalinity	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Chemical Oxygen Demand	Chloride	Nitrogen, Kjeldahl	Total Organic Carbon
WB915-INTERBED 1													-0.5 NoStd
WB915-INTERBED 2												-0.4 NoStd	-0.5 NoStd
WB915-INTERBED 3													-0.6 NoStd
WB915-IRON BROOK							0.5 NotExc	0.5 NoStd					
WB915-POND AREA N OF WB11	0.4 NoStd	-0.4 *	-0.5 NoStd	-0.5 NoStd	0.4 NoStd	0.4 NoStd			0.5 NoStd		0.4 *		-0.5 NoStd
WB915-REACH C							0.5 NotExc	0.5 NoStd					
WB915-REACH D							0.4 NotExc	0.4 NoStd			-0.4 NotExc		
WB915-REACH E							0.5 NotExc	0.5 NoStd					
WB915-REACH F							0.5 NotExc	0.5 NoStd					
WB915-RET POND 1										-0.4 NoStd			
WB915-RET POND 2-1													-0.4 NoStd
WB915-RET POND 2-2													-0.4 NoStd

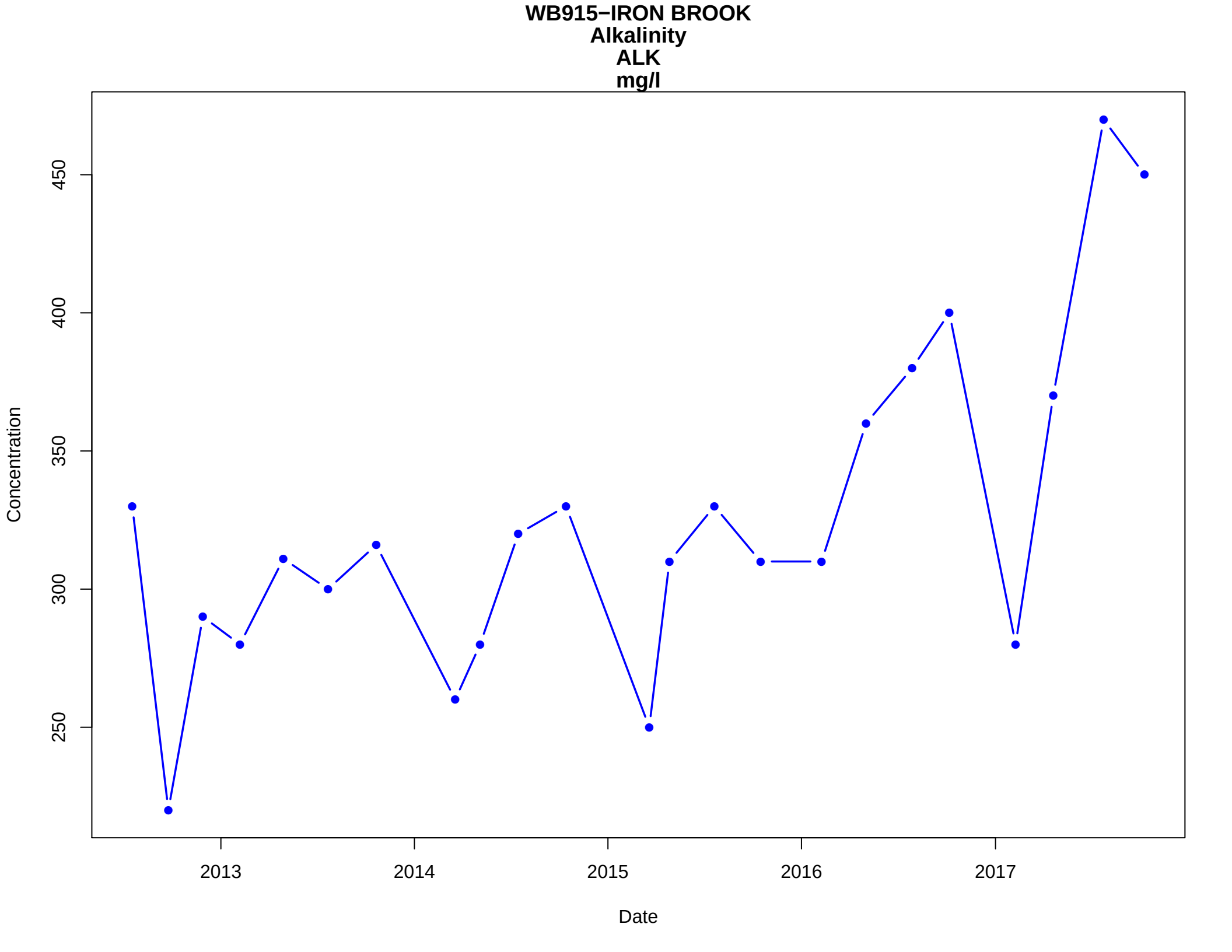
Legend	
	Decreasing Trend
	Increasing Trend
*	Exceeded Class C Standards
NoStd	No Applicable Class C Standard
NotExc	Did Not Exceed Class C Standard

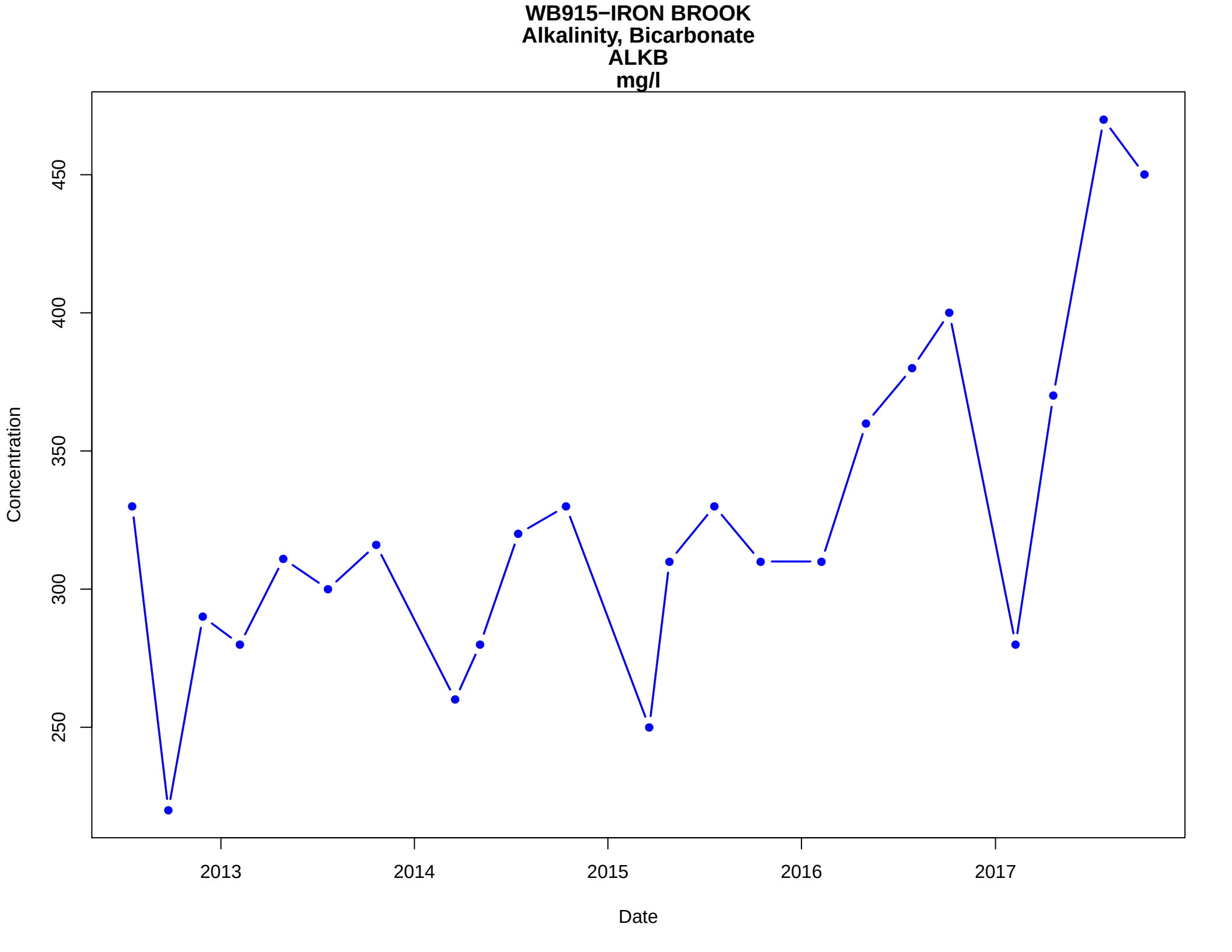

WB915−INTERBED 1
TOTAL ORGANIC CARBON
TOC
mg/l
J
J−
J−
U
Concentration
1
2
3
4
2013
2014
2015
2016
2017
Date

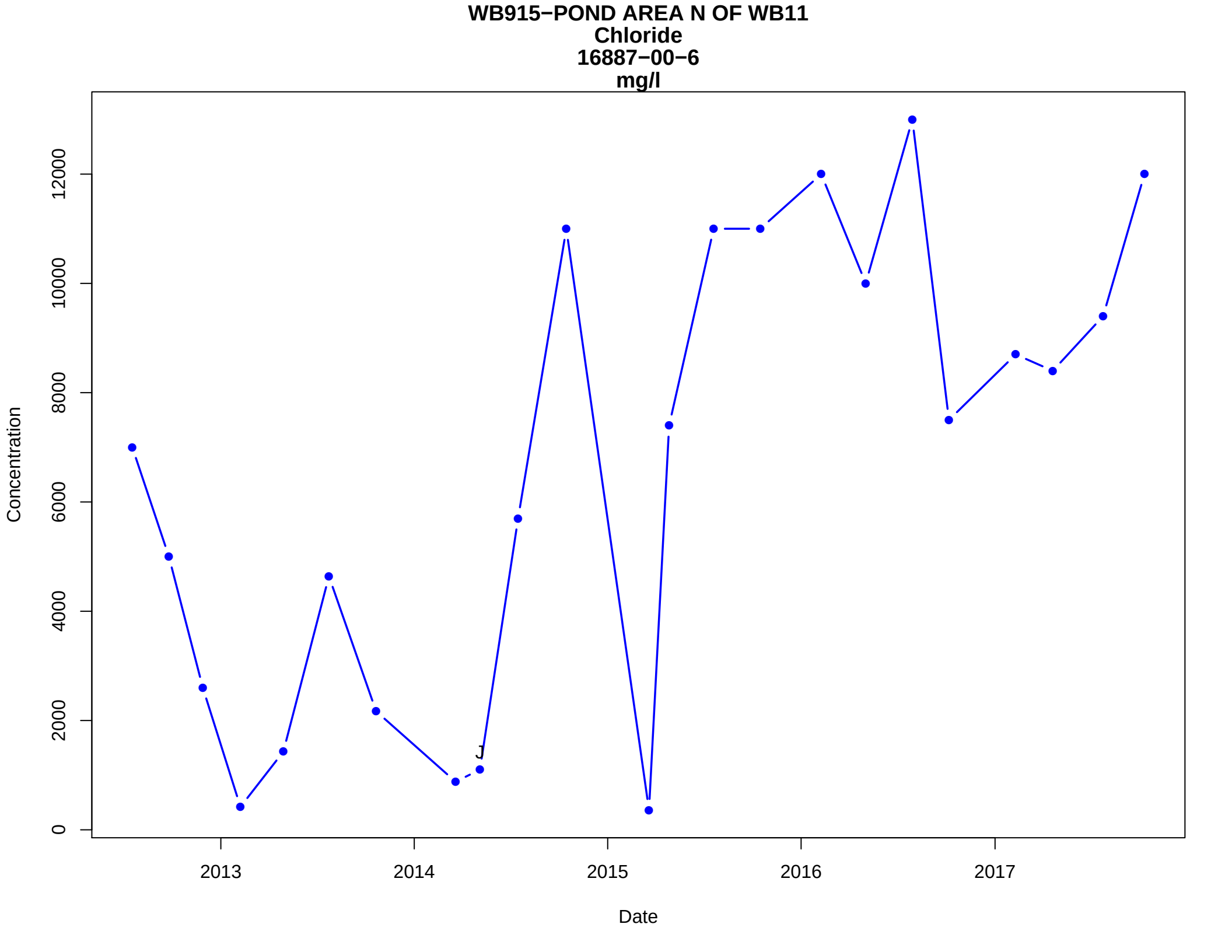

WB915−INTERBED 2
Nitrogen, Kjeldahl
KN
mg/L
Concentration
Date
0
2
4
6
8
10
12
2013
2014
2015
2016
2017
U
U
U
U
U
UJ
J
J−
J
J−
J
J
J+

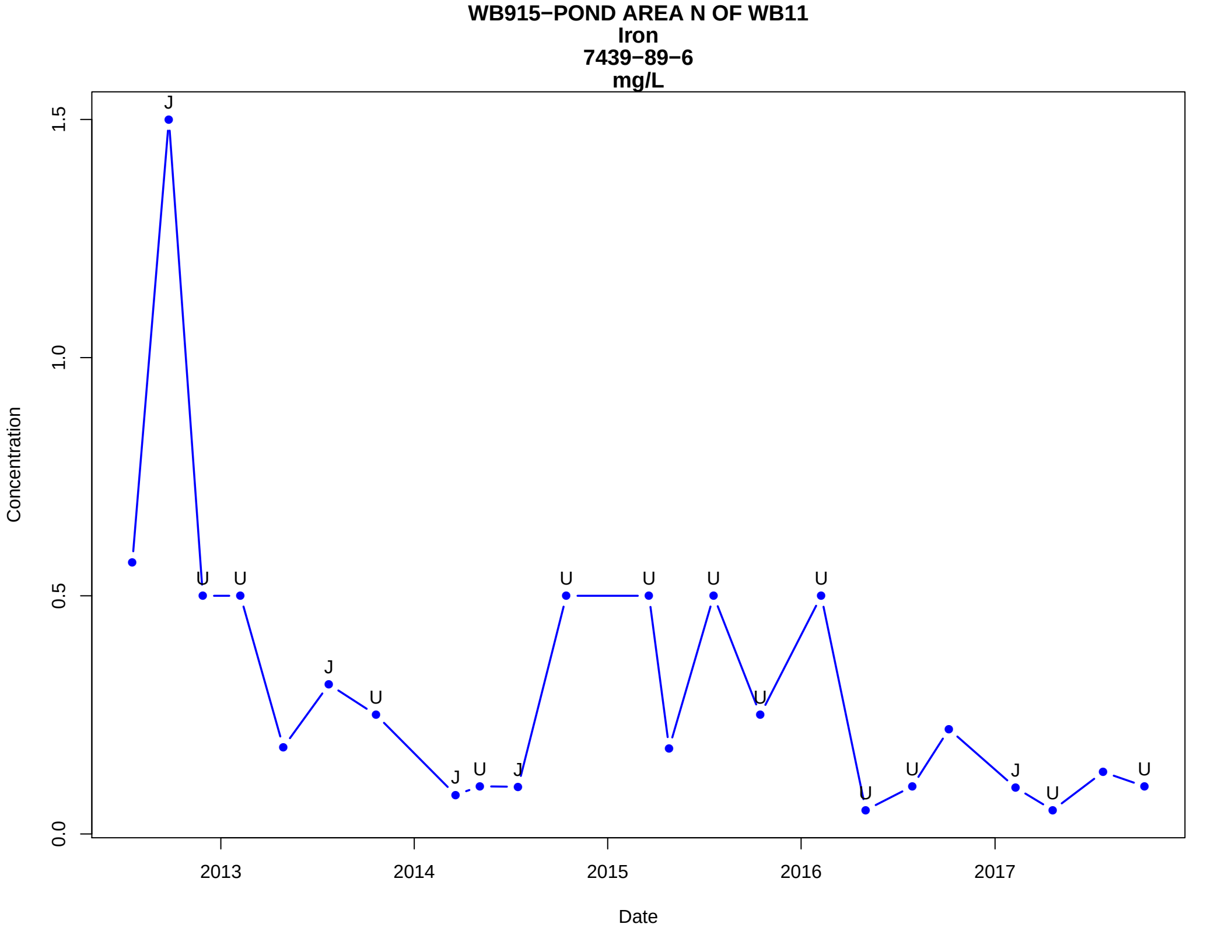

WB915−INTERBED 2
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
1
2
3
4
5
J
J−
J−
U
2013
2014
2015
2016
2017
Date

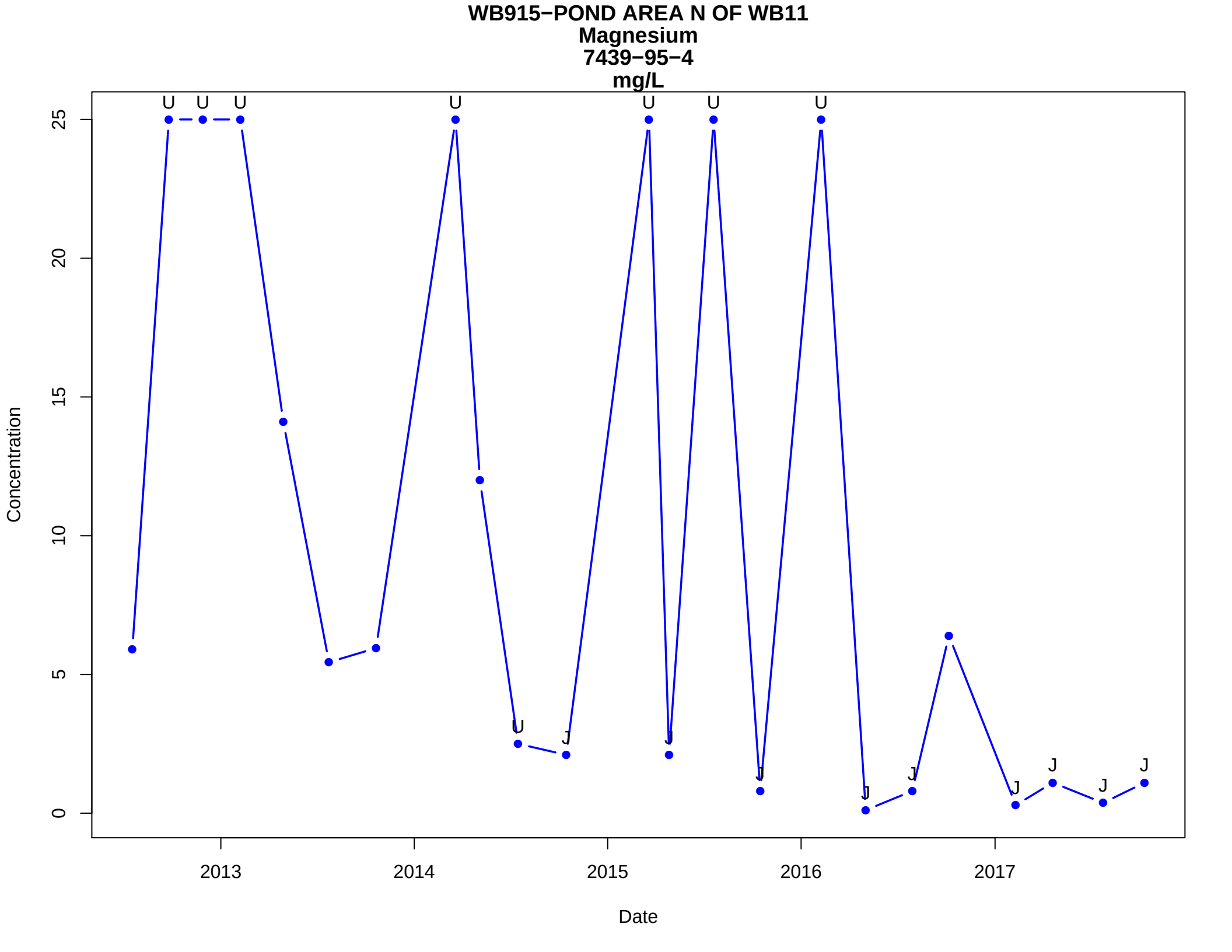

WB915−INTERBED 3
TOTAL ORGANIC CARBON
TOC
mg/l
J
J−
J−
U
Concentration
1
2
3
4
2013
2014
2015
2016
2017
Date

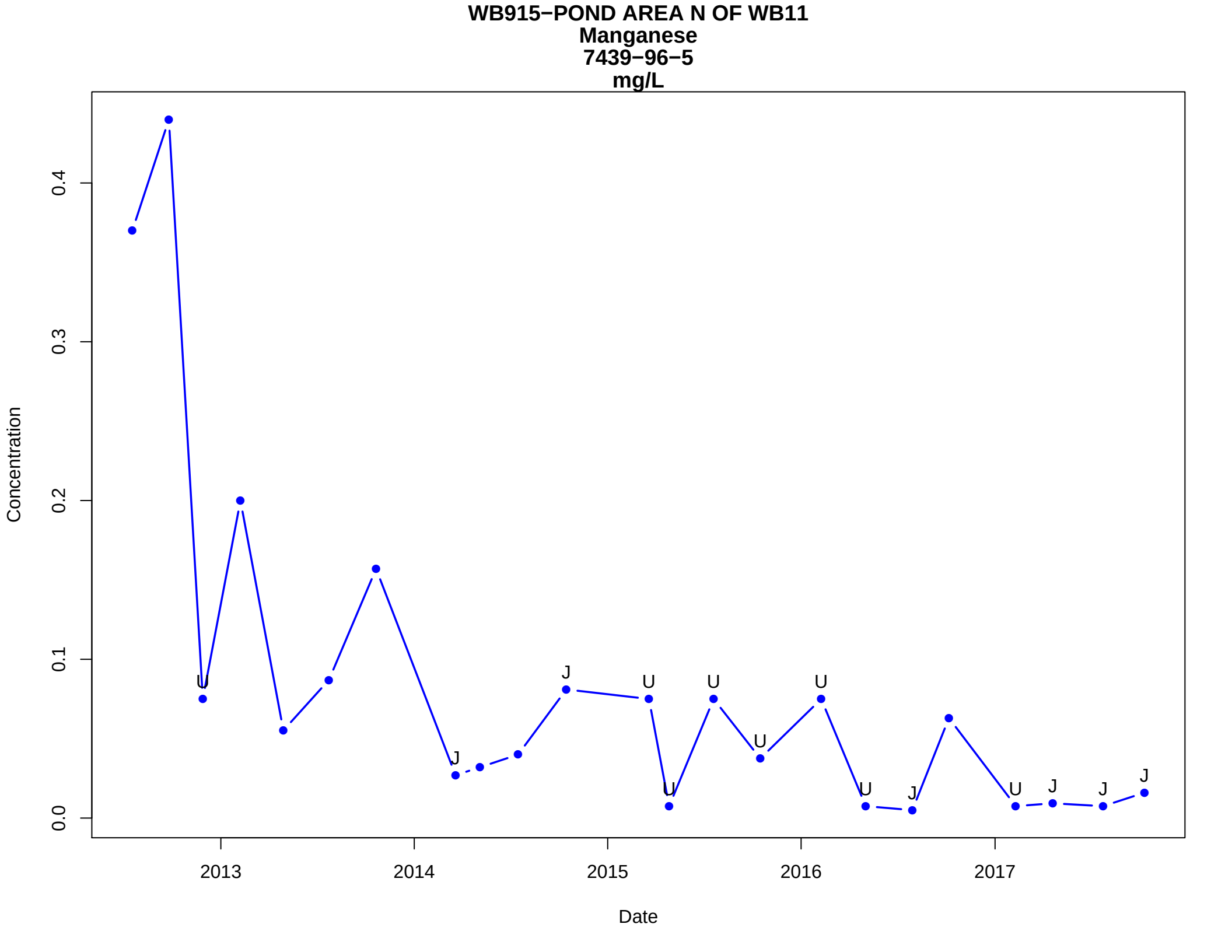

WB915−IRON BROOK
Alkalinity
ALK
mg/l
Concentration
250
300
350
400
450
2013
2014
2015
2016
2017
Date

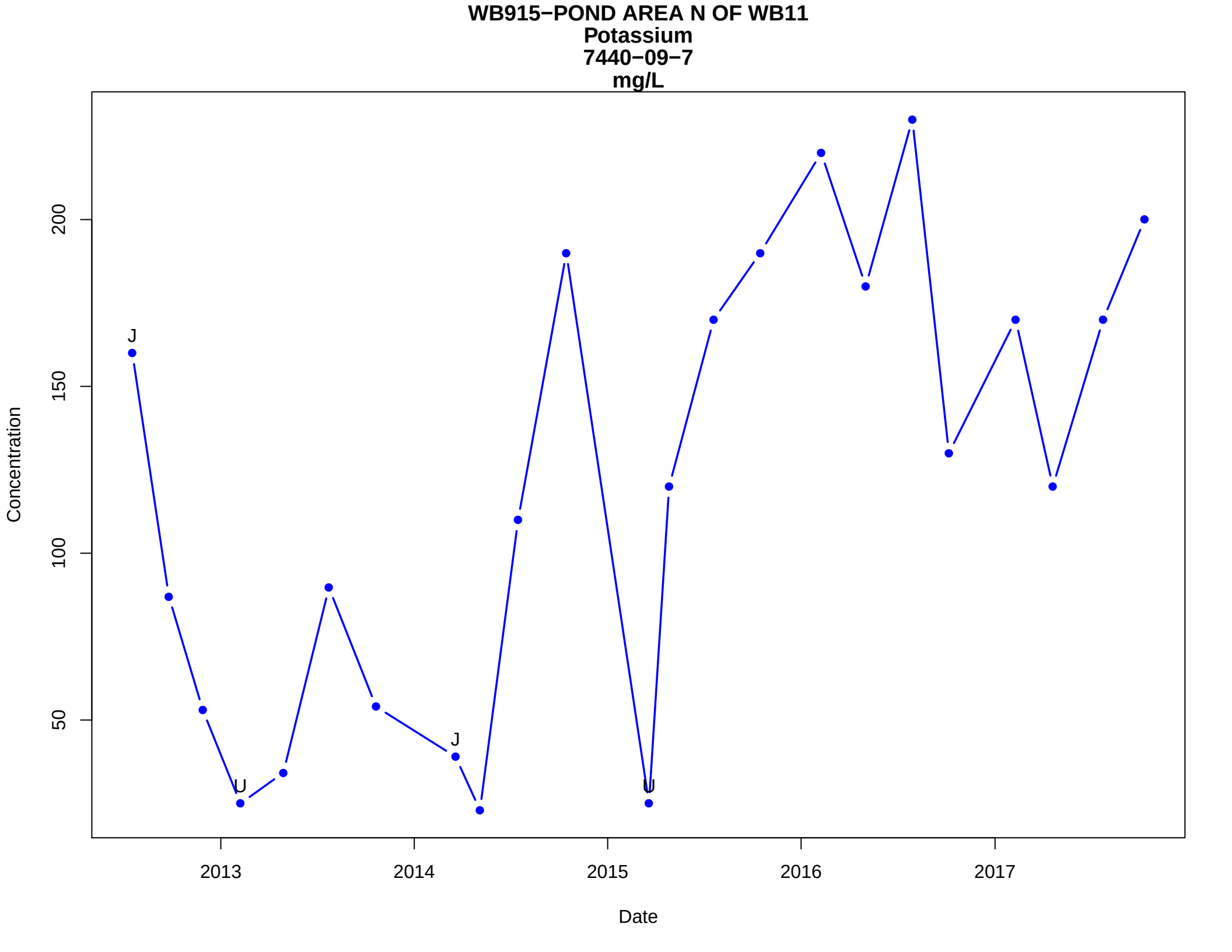

WB915−IRON BROOK
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
250
300
350
400
450
2013
2014
2015
2016
2017
Date

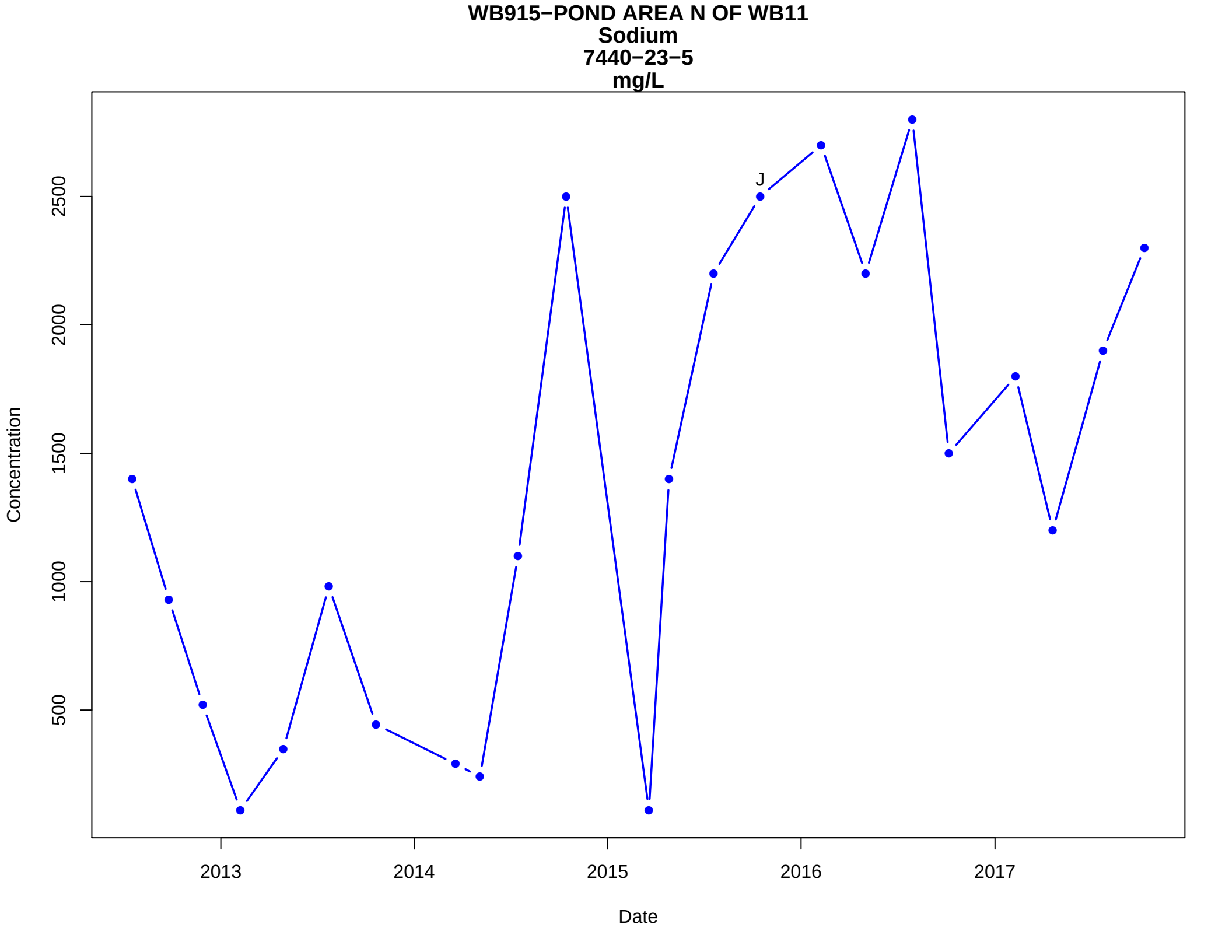

WB915−POND AREA N OF WB11
Chloride
16887−00−6
mg/l
Concentration
0
2000
4000
6000
8000
10000
12000
J
2013
2014
2015
2016
2017
Date

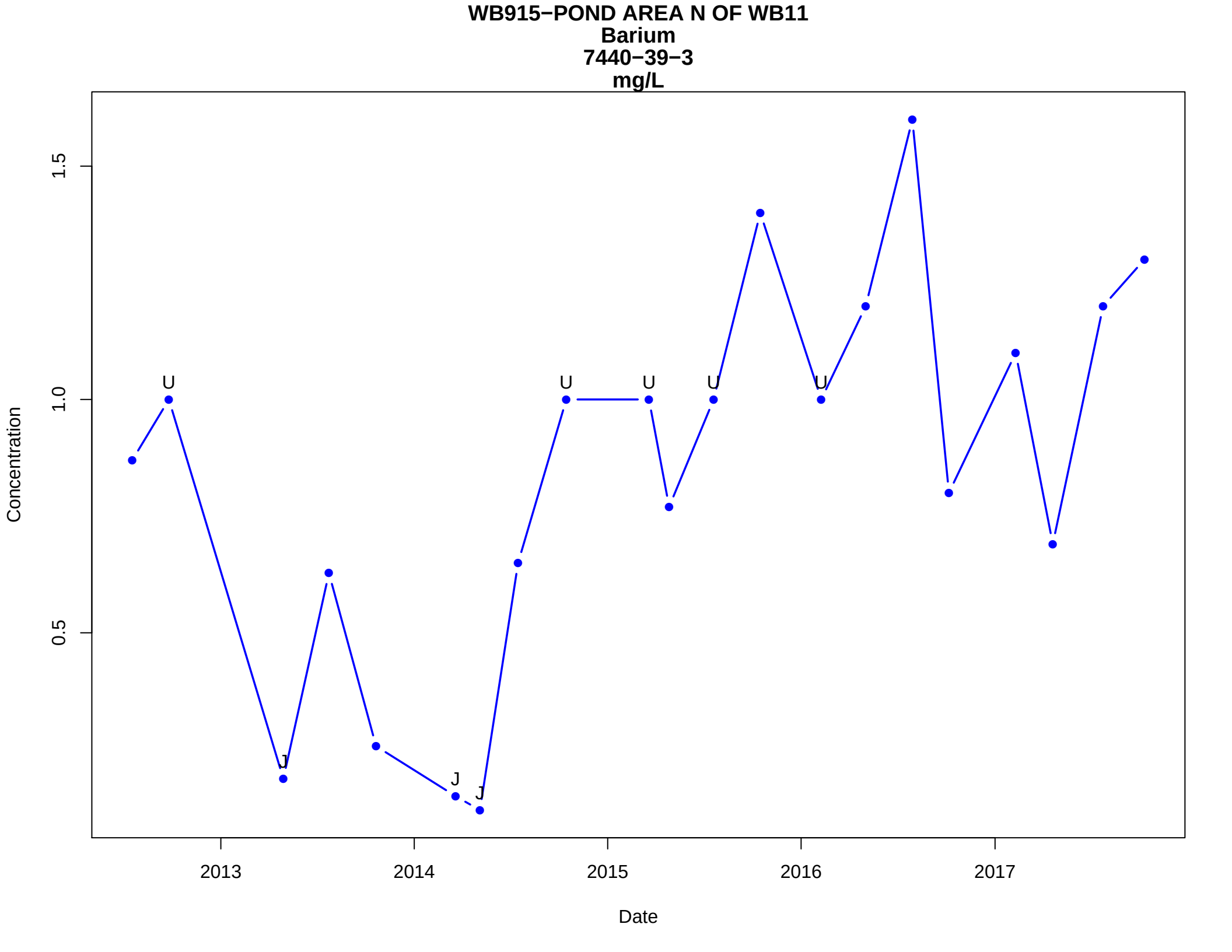

WB915−POND AREA N OF WB11
Iron
7439−89−6
mg/L
Concentration
0.0
0.5
1.0
1.5
2013
2014
2015
2016
2017
Date
J
U
U
J
U
J
U
J
U
U
U
U
U
U
U
J
U
U

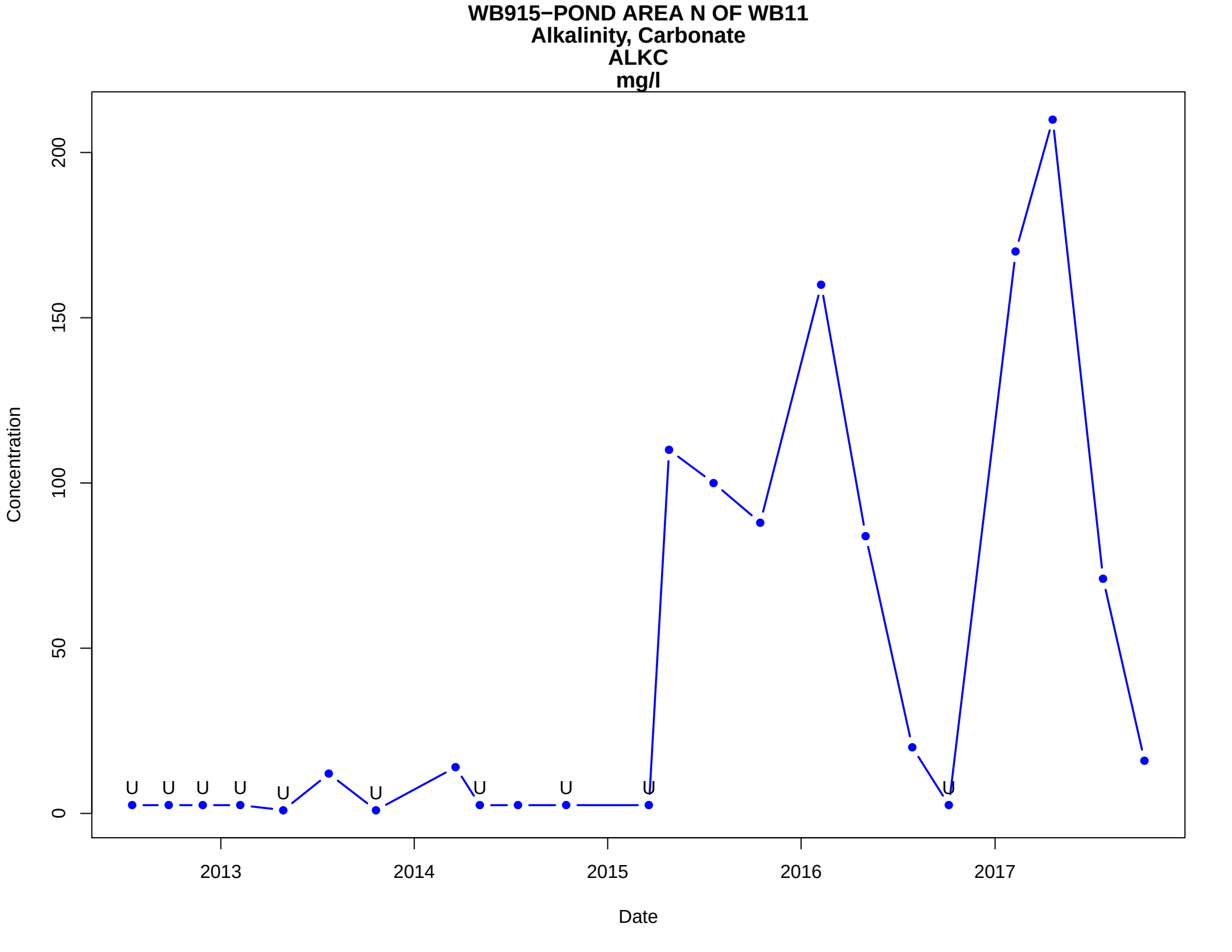

WB915−POND AREA N OF WB11
Magnesium
7439−95−4
mg/L
Concentration
0
5
10
15
20
25
2013
2014
2015
2016
2017
Date
U
J

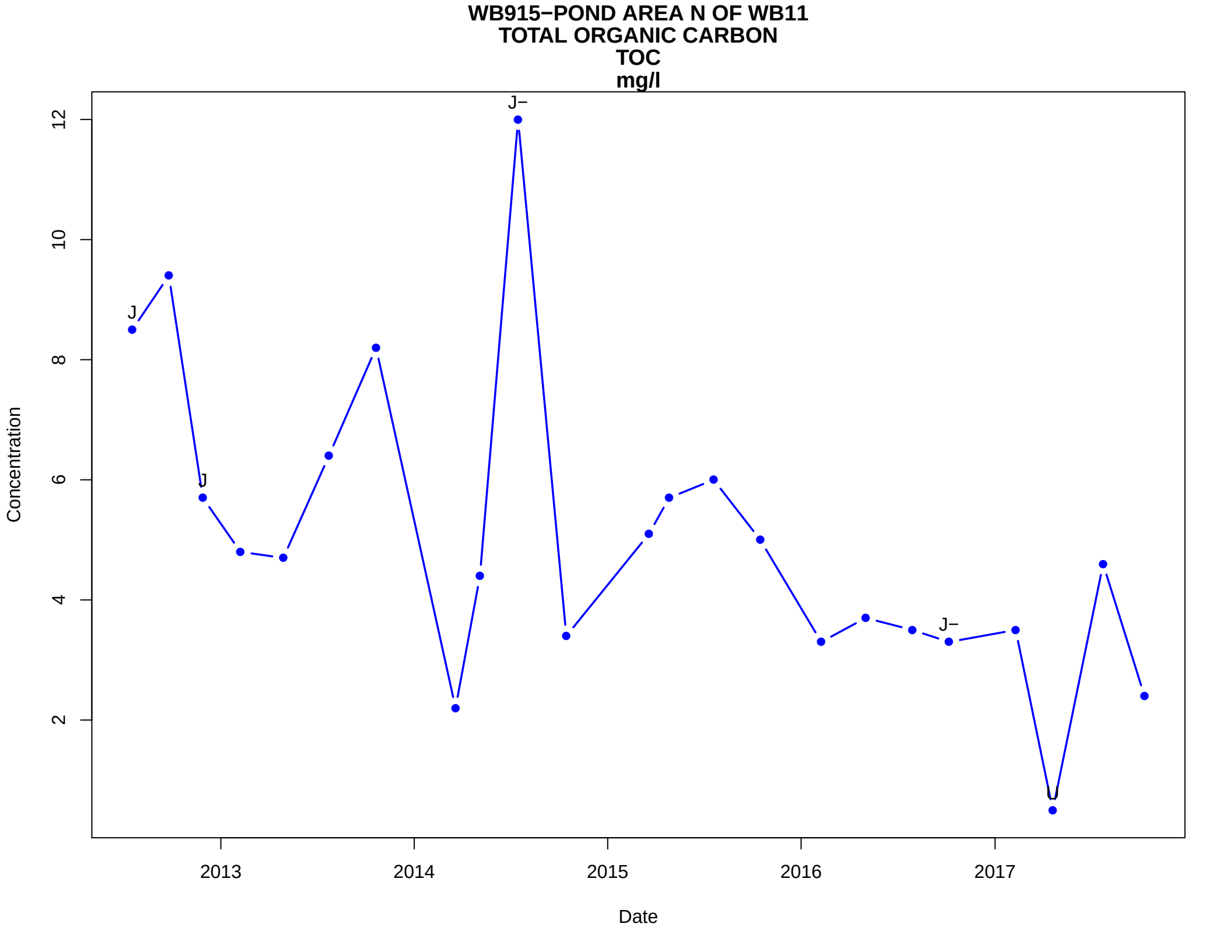

WB915−POND AREA N OF WB11
Manganese
7439−96−5
mg/L
Concentration
0.0
0.1
0.2
0.3
0.4
U
J
U
U
U
U
J
U
U
J
J
J
2013
2014
2015
2016
2017
Date

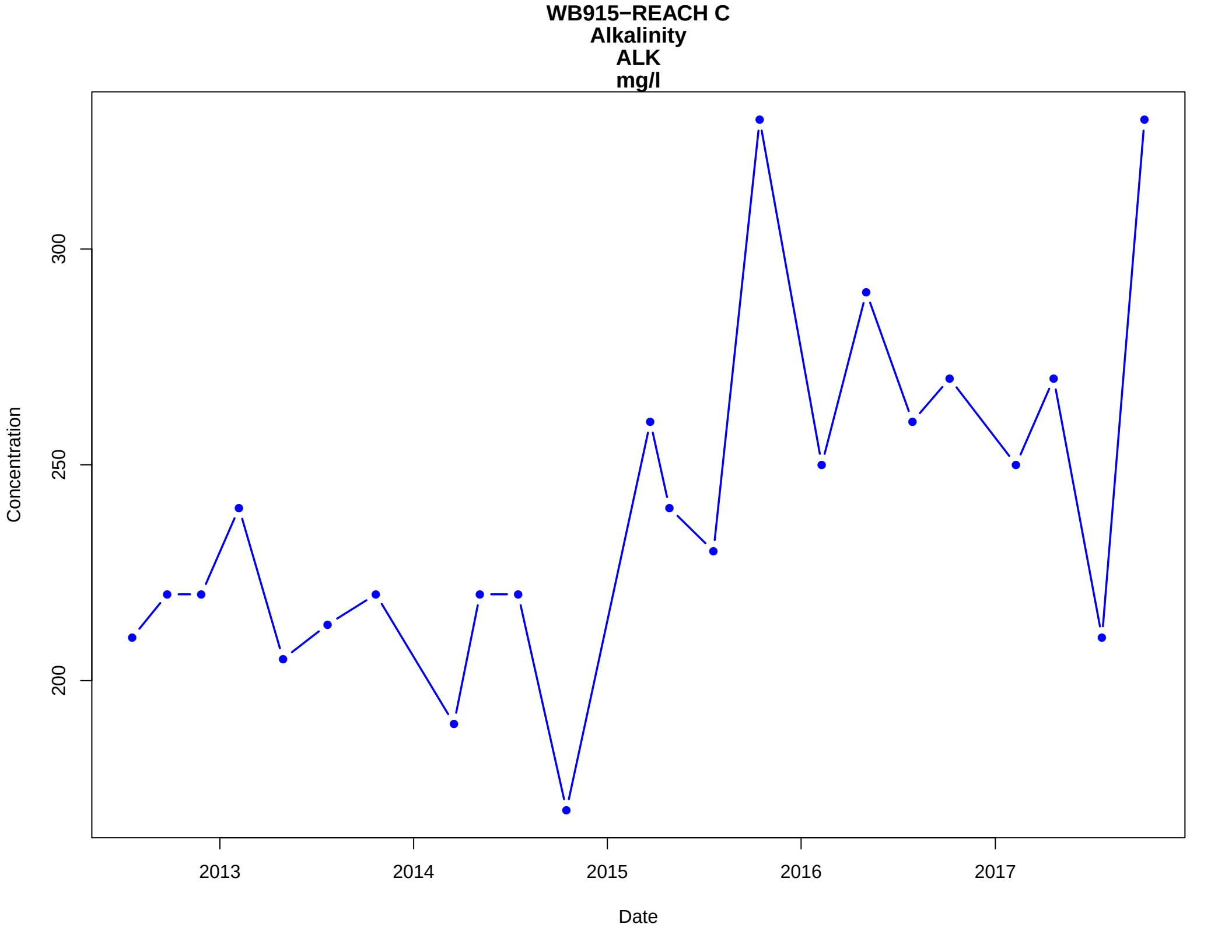

WB915−POND AREA N OF WB11
Potassium
7440−09−7
mg/L
Concentration
50
100
150
200
J
U
J
U
2013
2014
2015
2016
2017
Date

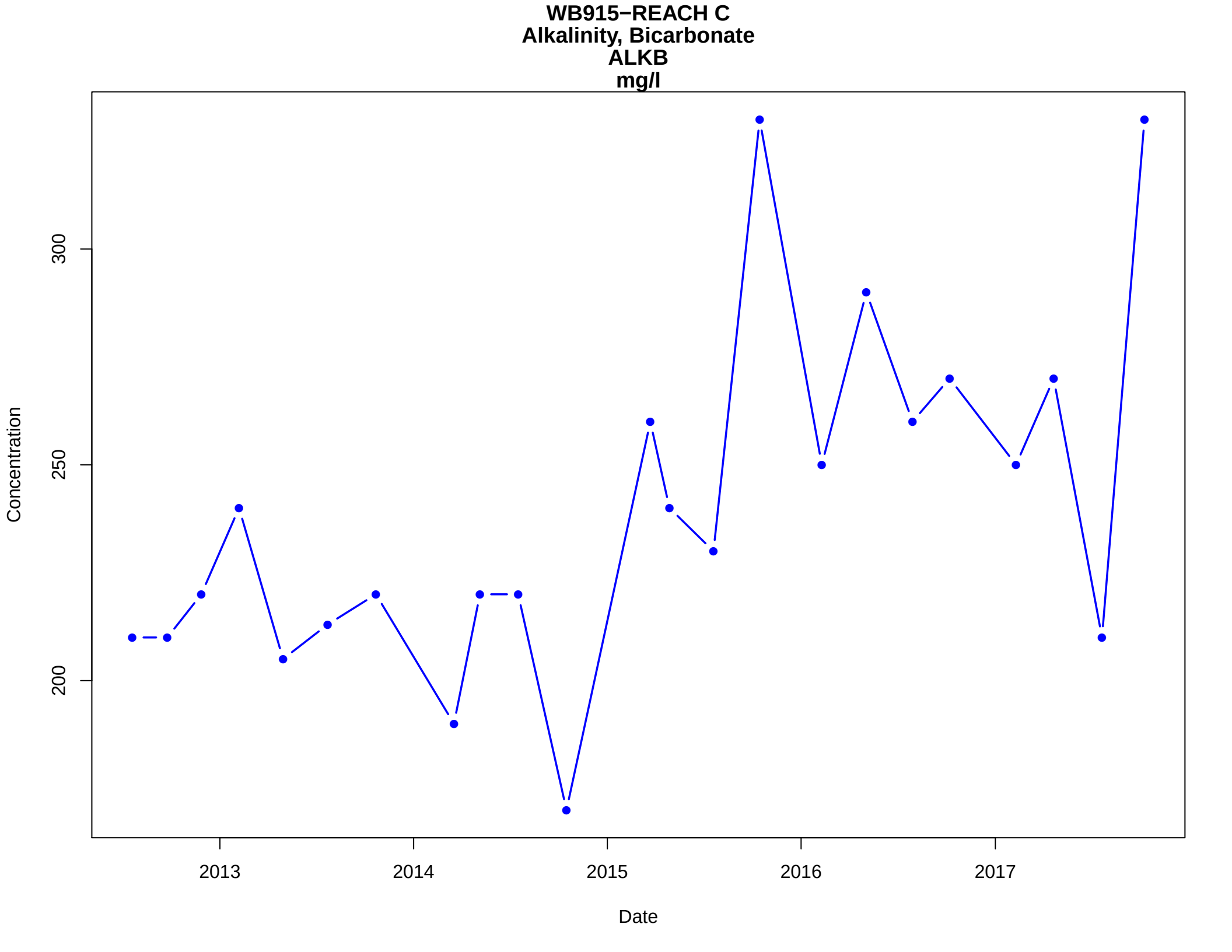

WB915−POND AREA N OF WB11
Sodium
7440−23−5
mg/L
J
Concentration
500
1000
1500
2000
2500
2013
2014
2015
2016
2017
Date

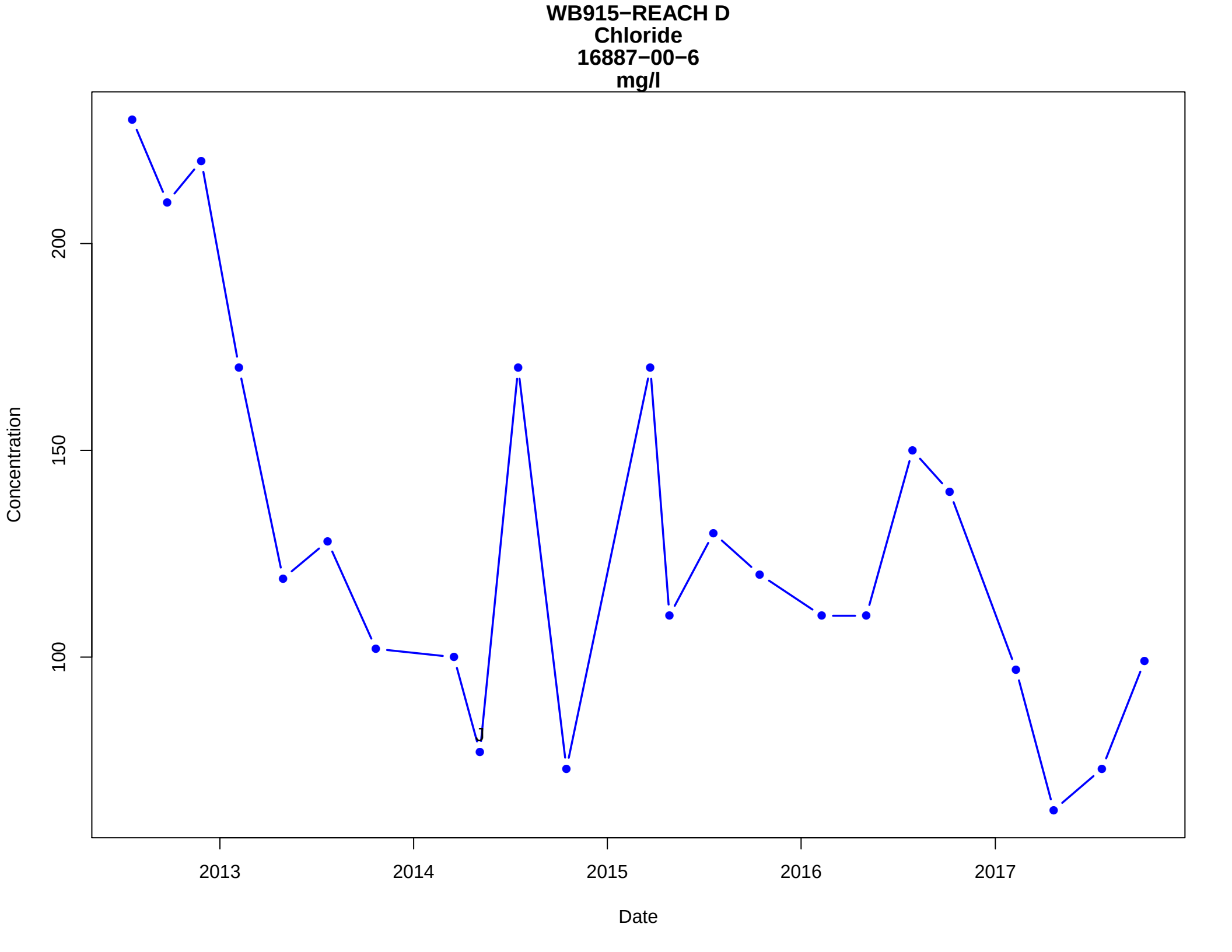

WB915−POND AREA N OF WB11
Barium
7440−39−3
mg/L
Concentration
0.5
1.0
1.5
U
U
U
U
U
J
J
J
2013
2014
2015
2016
2017
Date

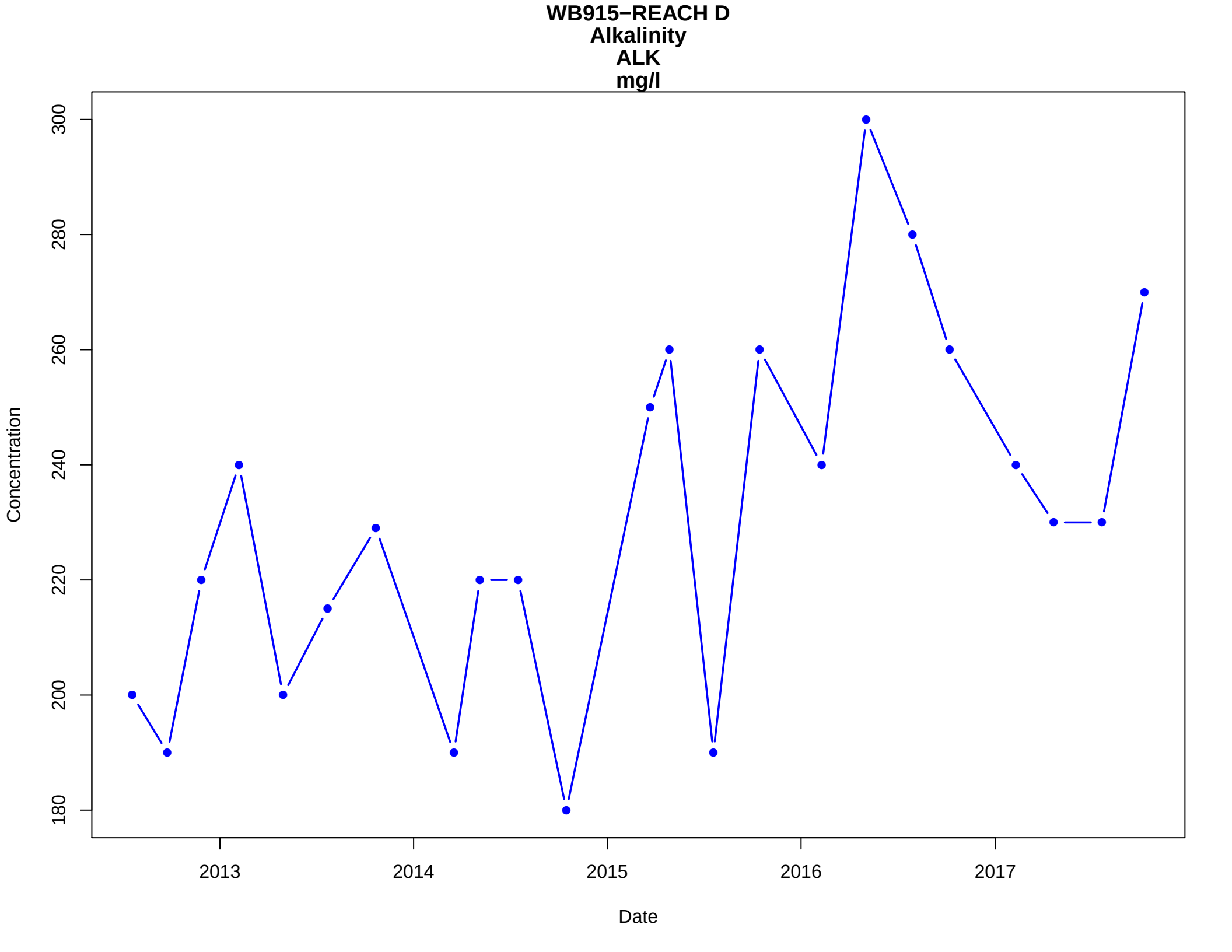

WB915−POND AREA N OF WB11
Alkalinity, Carbonate
ALKC
mg/l
Concentration
0
50
100
150
200
U
2013
2014
2015
2016
2017
Date

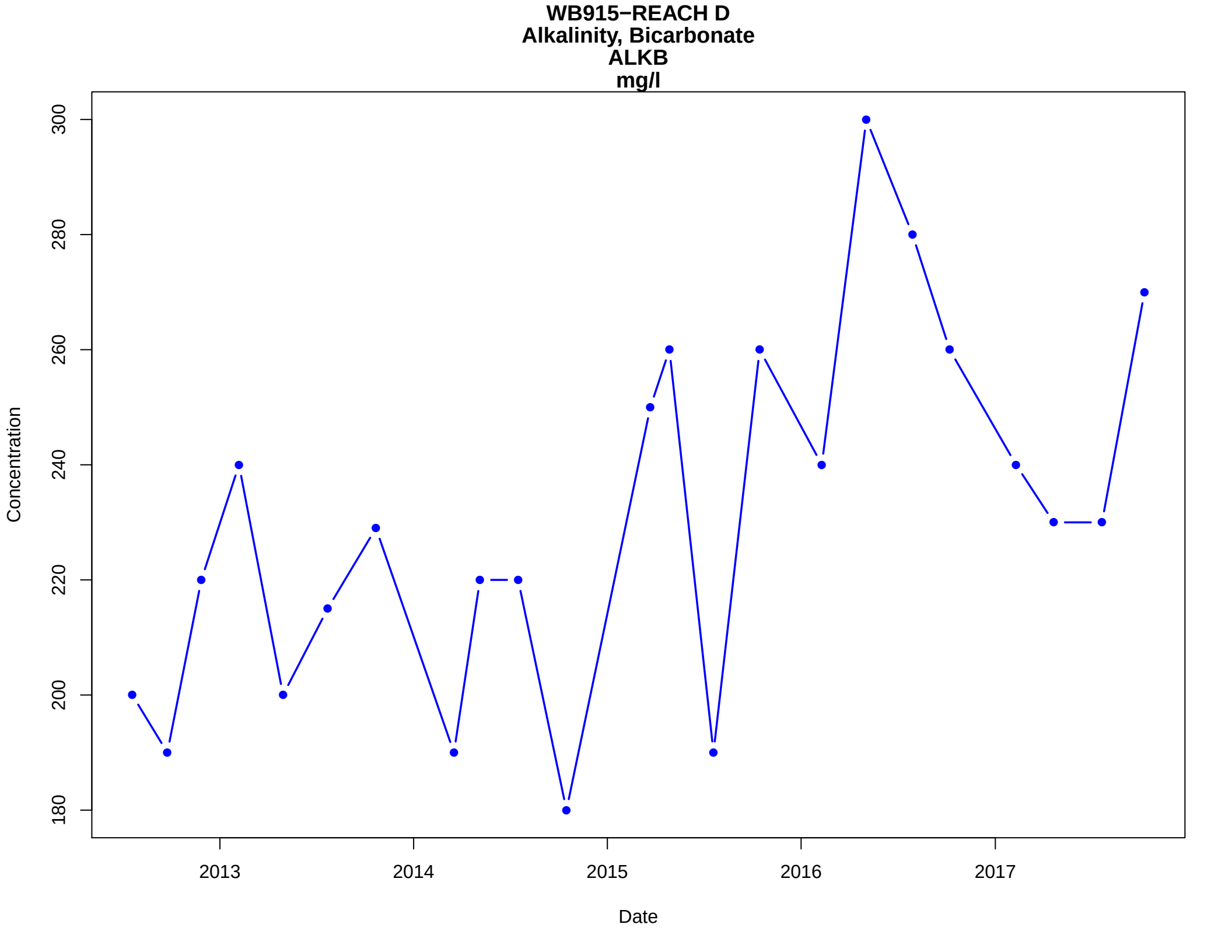

WB915−POND AREA N OF WB11
TOTAL ORGANIC CARBON
TOC
mg/l
Concentration
Date
2
4
6
8
10
12
2013
2014
2015
2016
2017
J
J
J−
J−
U

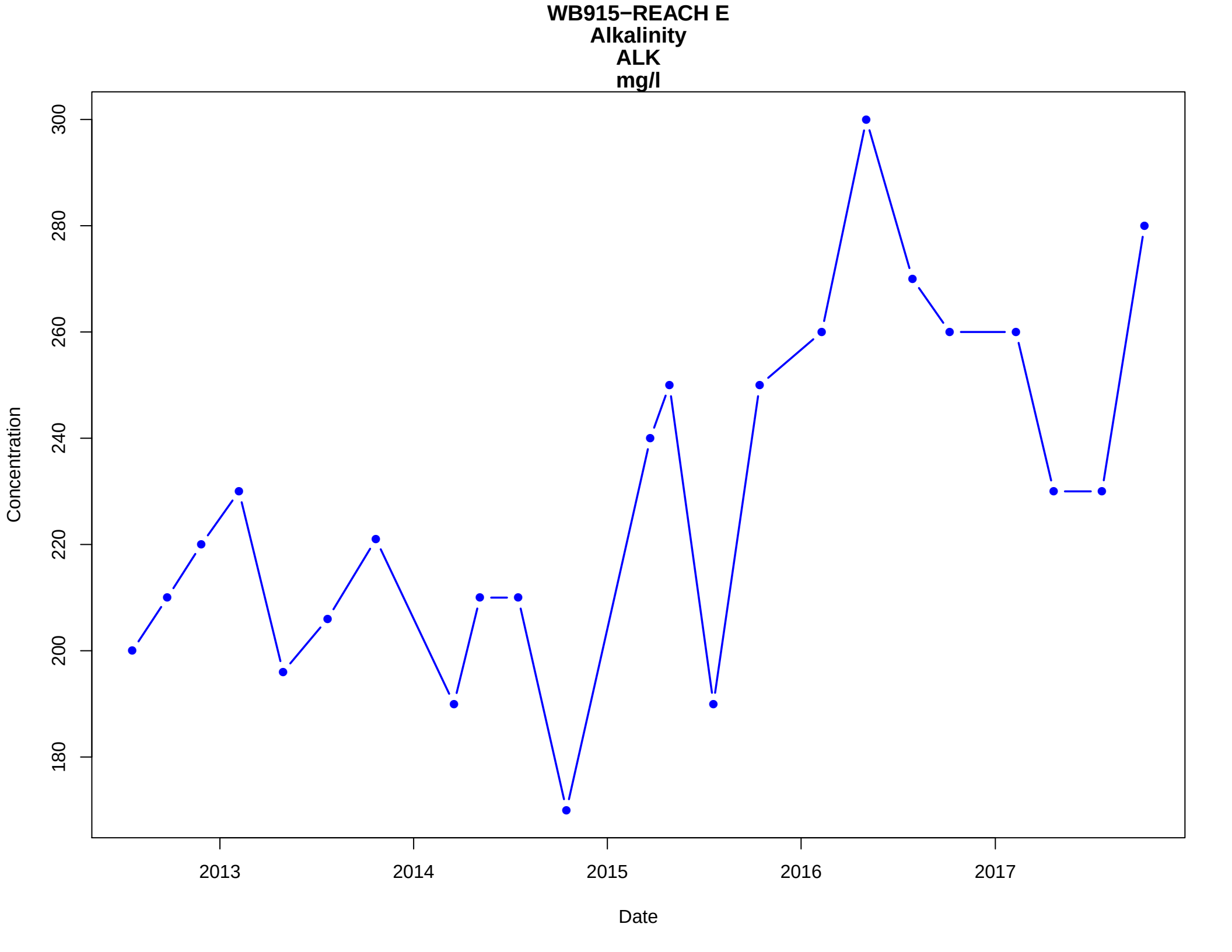

WB915−REACH C
Alkalinity
ALK
mg/l
Concentration
300
250
200
2013
2014
2015
2016
2017
Date

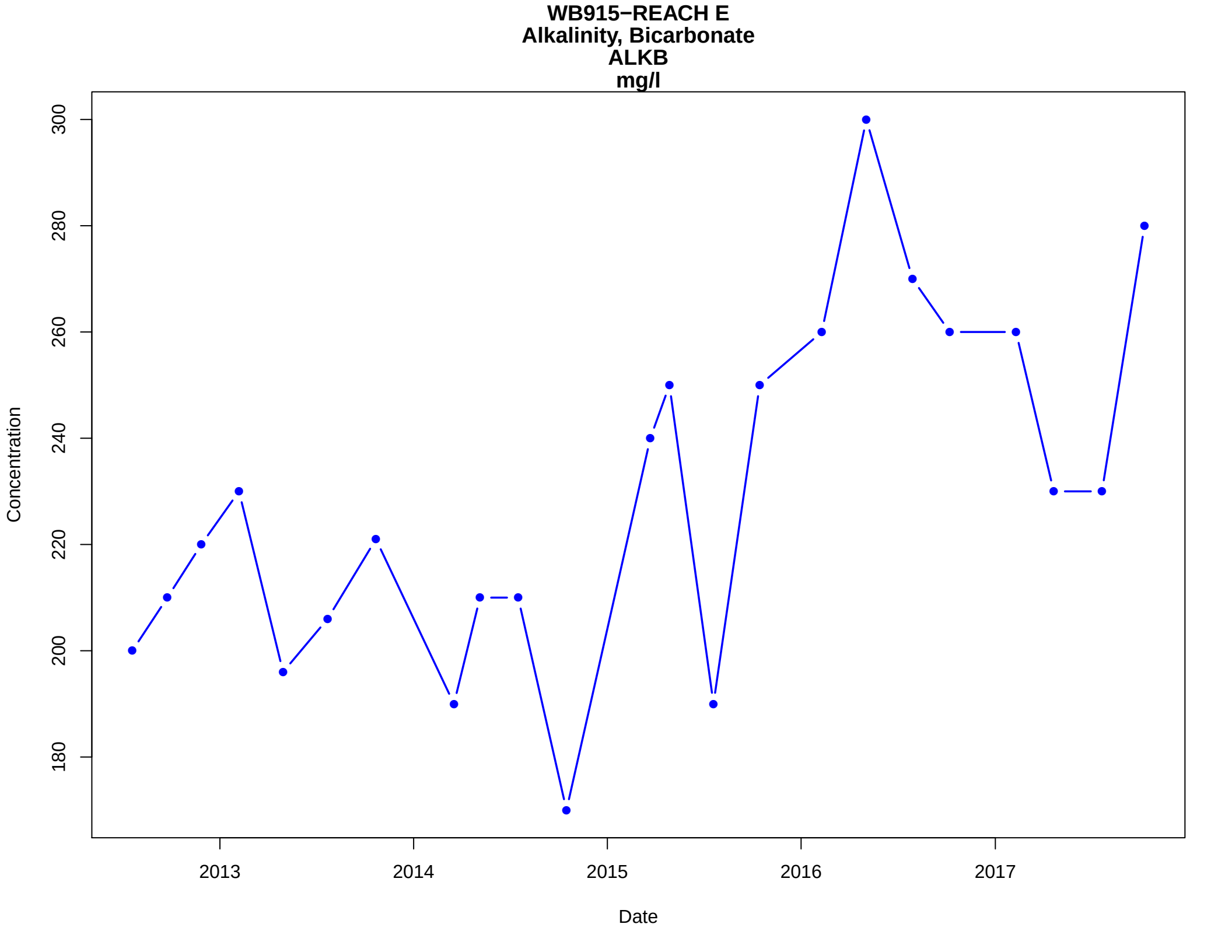

WB915−REACH C
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
300
250
200
2013
2014
2015
2016
2017
Date

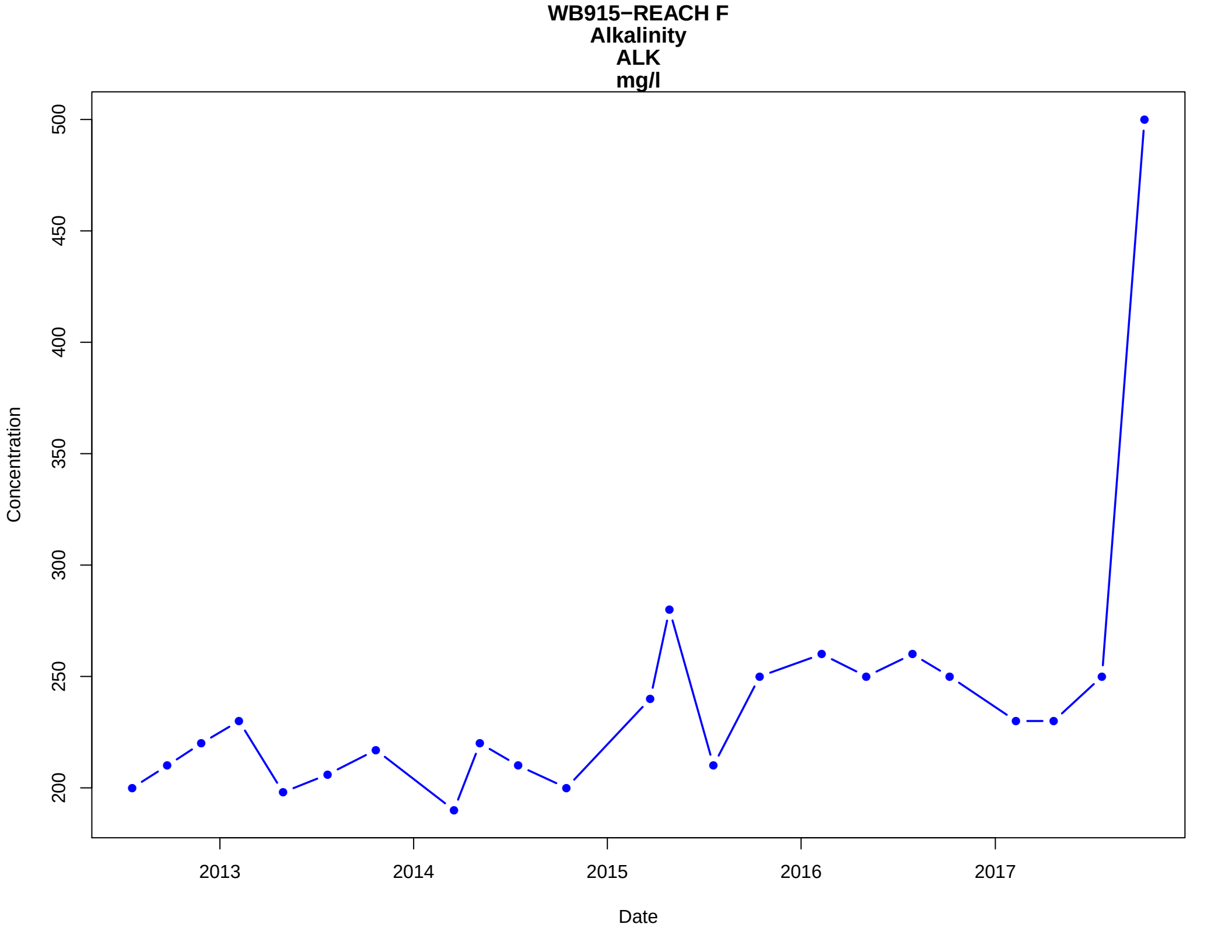

WB915−REACH D
Chloride
16887−00−6
mg/l
Concentration
100
150
200
J
2013
2014
2015
2016
2017
Date

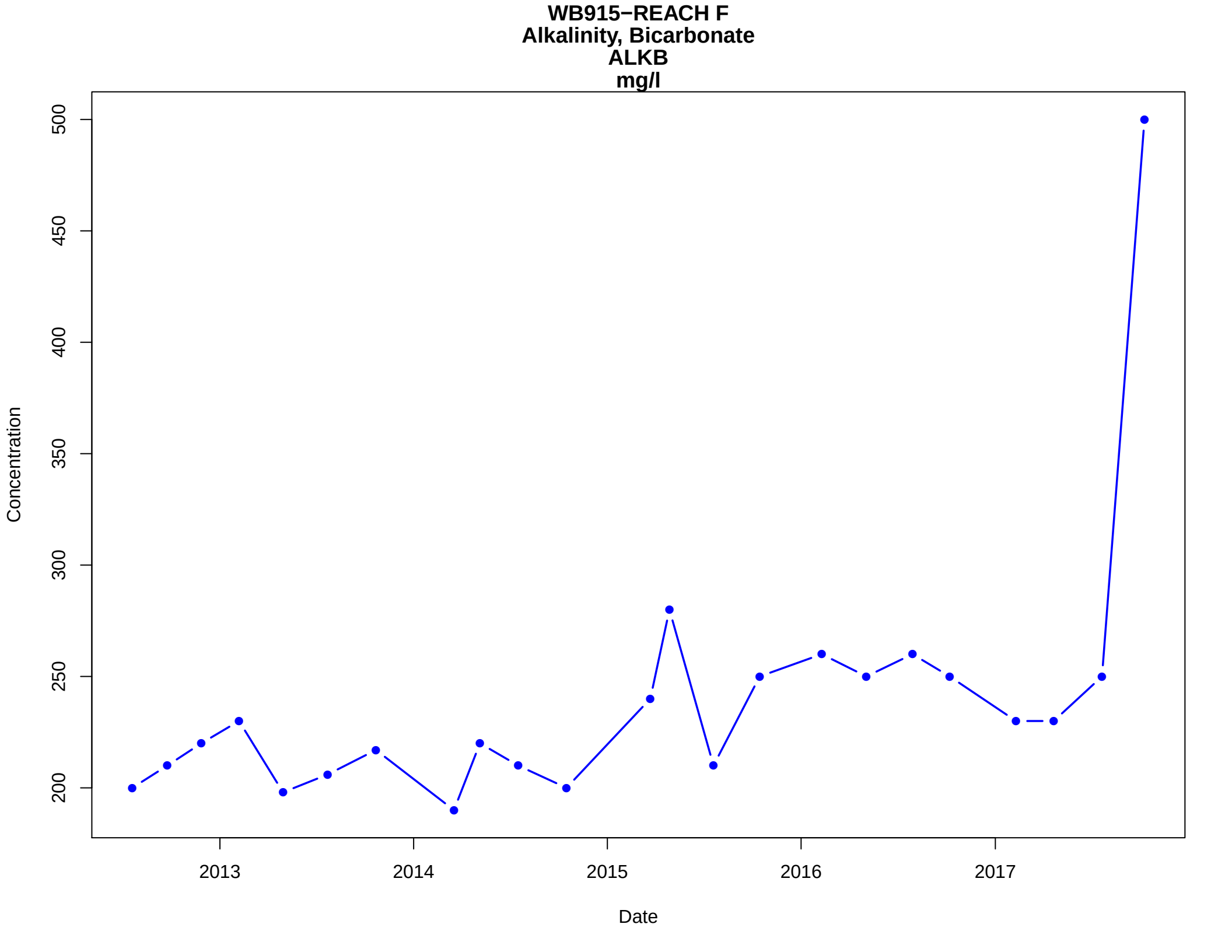

WB915−REACH D
Alkalinity
ALK
mg/l
Concentration
300
280
260
240
220
200
180
2013
2014
2015
2016
2017
Date

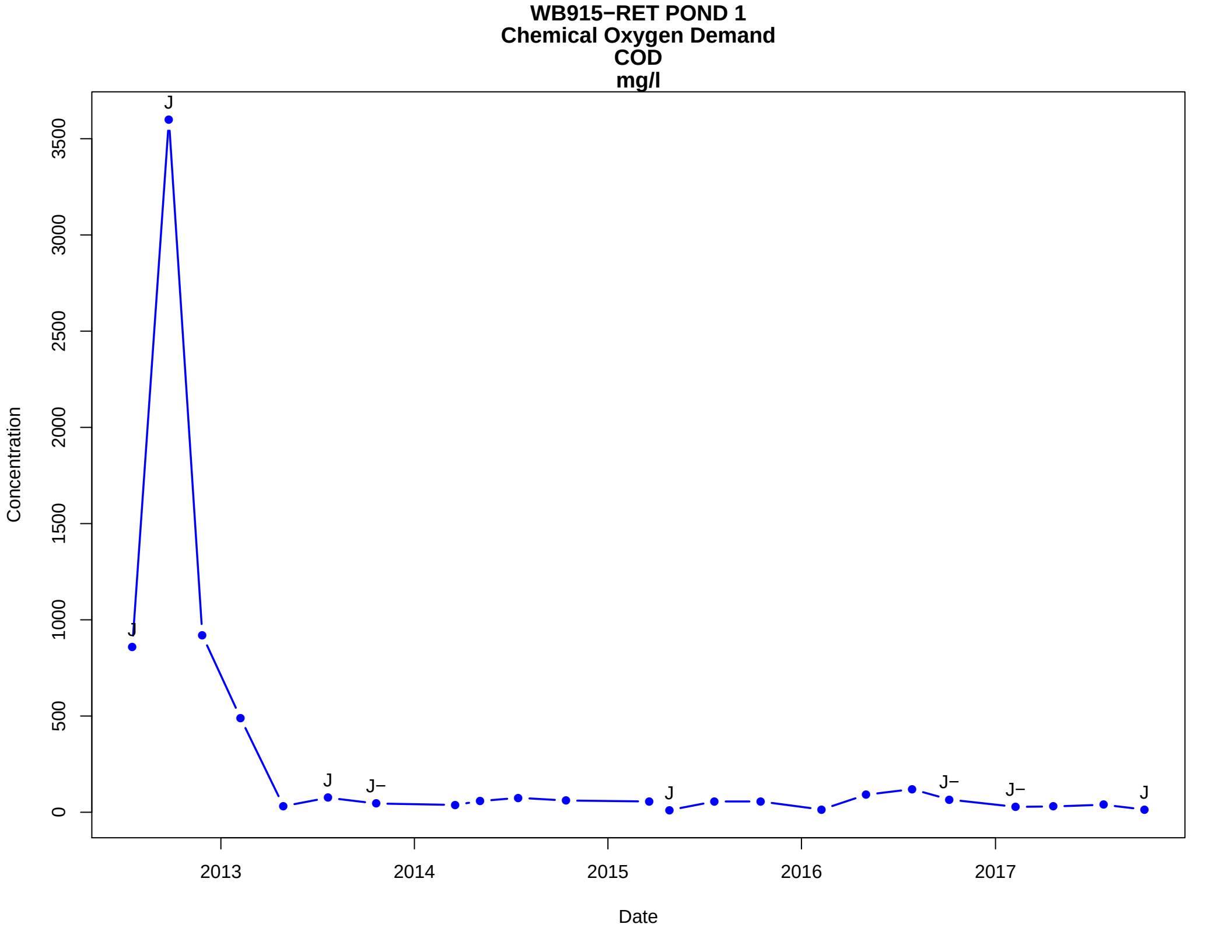

WB915−REACH D
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
300
280
260
240
220
200
180
2013
2014
2015
2016
2017
Date


WB915−REACH E
Alkalinity
ALK
mg/l
Concentration
300
280
260
240
220
200
180
2013
2014
2015
2016
2017
Date


WB915−REACH E
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
300
280
260
240
220
200
180
2013
2014
2015
2016
2017
Date


WB915−REACH F
Alkalinity
ALK
mg/l
Concentration
200
250
300
350
400
450
500
2013
2014
2015
2016
2017
Date


WB915−REACH F
Alkalinity, Bicarbonate
ALKB
mg/l
Concentration
500
450
400
350
300
250
200
2013
2014
2015
2016
2017
Date


WB915−RET POND 1
Chemical Oxygen Demand
COD
mg/l
Concentration
0
500
1000
1500
2000
2500
3000
3500
J
J
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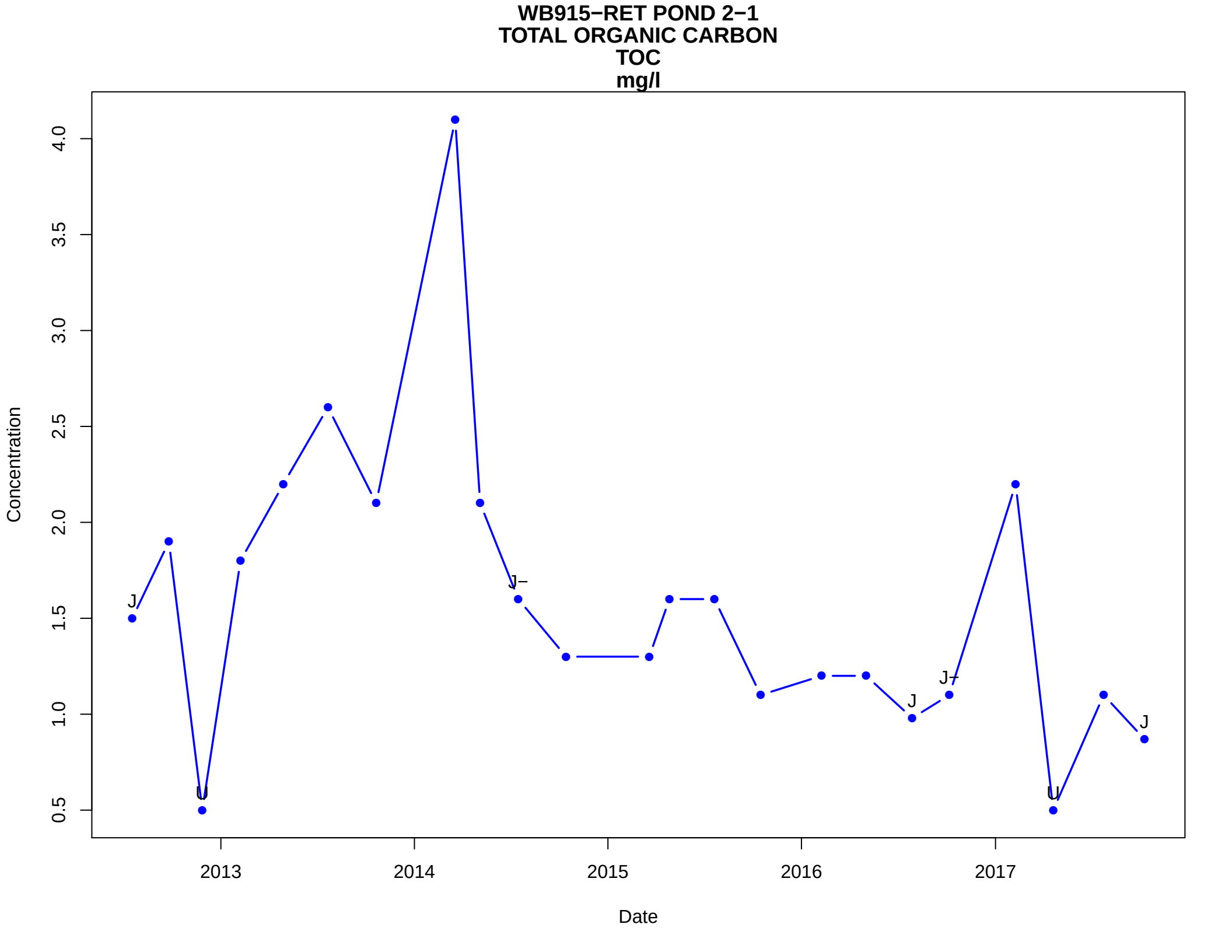
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TOC
mg/l
Concentration
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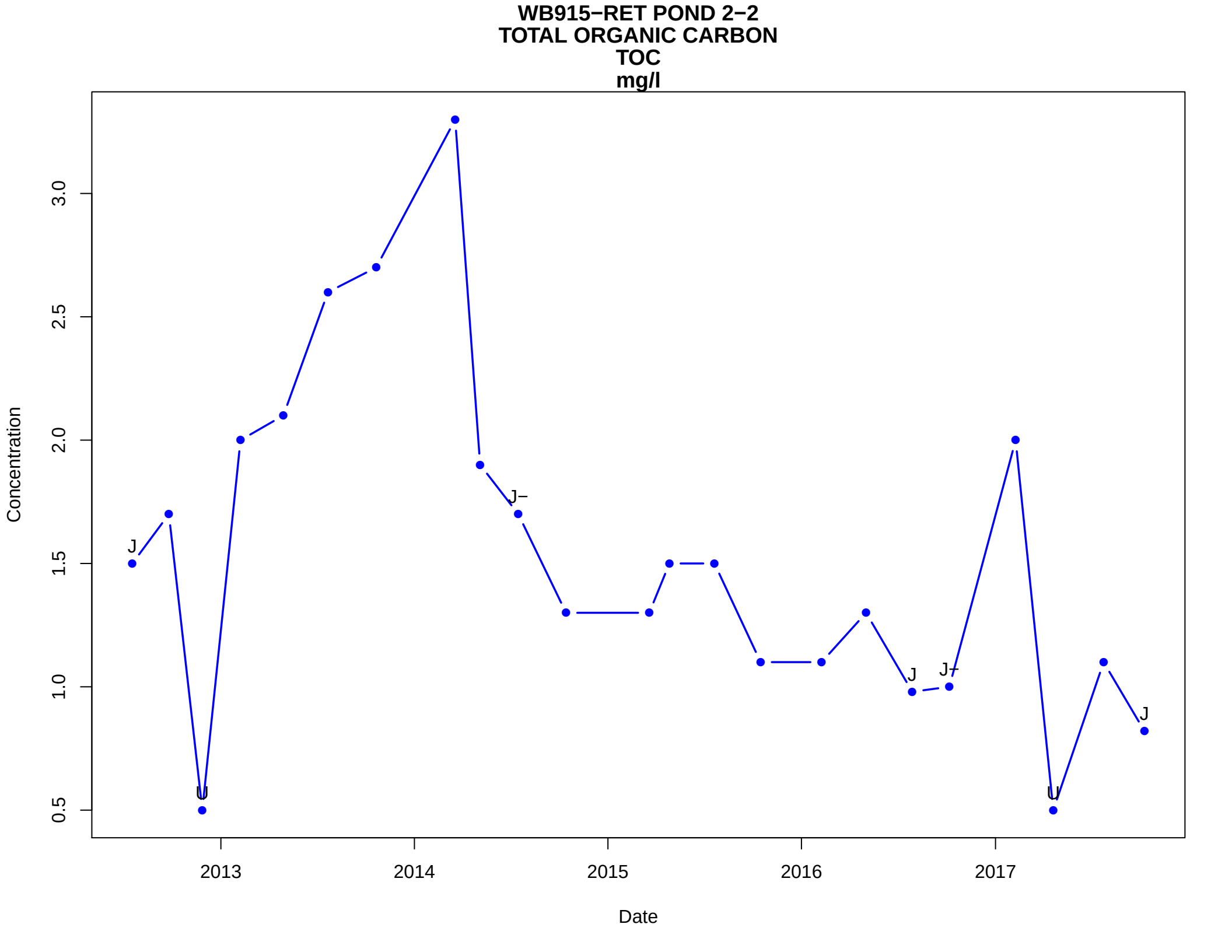
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TOC
mg/l
Concentration
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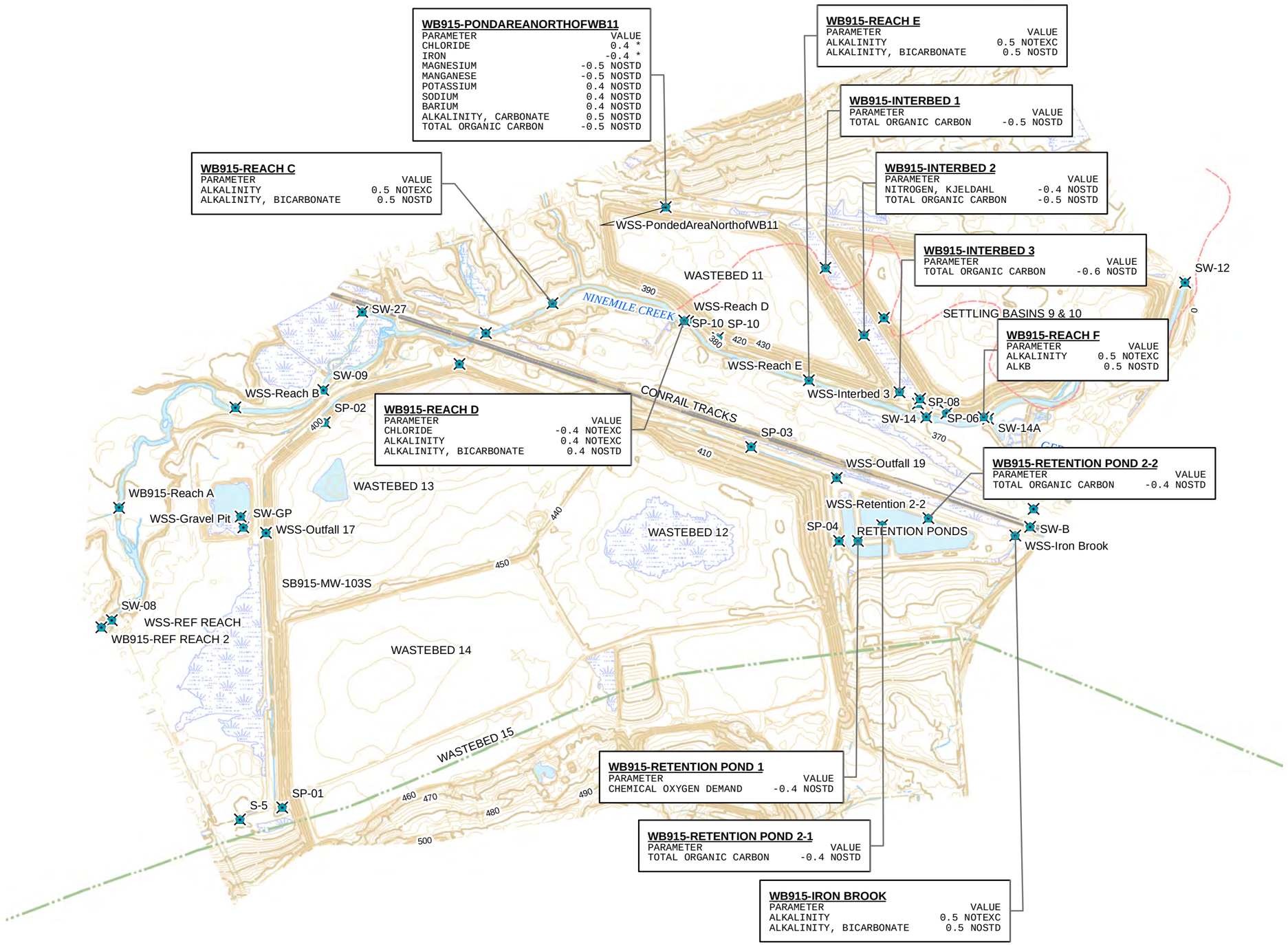

LEGEND

SURFACE WATER LOCATION

NOTE:
NE NO EXCEEDANCE
NS NO STANDARD
\+ INCREASING TREND
\- DECREASING TREND

HONEYWELL
WASTEBEDS 9-15
CLOSURE INVESTIGATION
GEDDES & CAMILLUS, NY

SURFACE WATER

0 600 1,200 2,400
Feet

JULY 2018
1163.67102

O'BRIEN & GERE ENGINEERS, INC.

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APPENDIX I
ANOVA RESULTS TABLE

Appendix I
Honeywell
Closure Investigation Data Evaluation Report
ANOVA Results Tables - Groundwater

Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-IMW-01S	Alkalinity	ALK	190.0	170.0	167.0	210.0	0.534	
SB915-IMW-01S	Ammonia	NH3N	0.9	0.7	0.6	1.1	0.381	
SB915-IMW-01S	Bromide	24959-67-9	5.0	5.3	5.0	6.5	0.385	
SB915-IMW-01S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.792	
SB915-IMW-01S	Calcium	7440-70-2	3200.0	3120.0	3145.0	3590.0	0.142	
SB915-IMW-01S	Chemical Oxygen Demand	COD	170.0	242.0	105.5	107.5	0.984	
SB915-IMW-01S	Chloride	16887-00-6	8400.0	8900.0	9100.0	9985.0	0.262	
SB915-IMW-01S	Hardness (as CaCO3)	HARD	8700.0	8600.0	8700.0	10000.0	0.070	
SB915-IMW-01S	Iron	7439-89-6	6.9	4.5	3.7	7.4	0.151	
SB915-IMW-01S	Kjeldahl Nitrogen	KN	1.1	1.1	0.9	2.1	0.749	
SB915-IMW-01S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.450	
SB915-IMW-01S	Magnesium	7439-95-4	74.0	65.2	76.2	90.5	0.464	
SB915-IMW-01S	Manganese	7439-96-5	4.3	3.6	3.8	5.5	0.134	
SB915-IMW-01S	Nitrate	14797-55-8	1.3	0.5	0.5	1.3	0.068	
SB915-IMW-01S	Potassium	7440-09-7	49.0	55.0	62.5	57.0	0.634	
SB915-IMW-01S	Sodium	7440-23-5	2000.0	1935.0	2000.0	2260.0	0.143	
SB915-IMW-01S	Sulfate	14808-79-8	57.0	46.3	40.0	29.3	0.589	
SB915-IMW-01S	Total Dissolved Oxygen	TDS	16000.0	16000.0	19500.0	19000.0	0.062	
SB915-IMW-01S	Total Organic Carbon	TOC	1.1	0.9	1.0	1.2	0.300	
SB915-IMW-01S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.619	
SB915-IMW-02S	Alkalinity	ALK	120.0	112.0	135.0	155.0	0.243	
SB915-IMW-02S	Ammonia	NH3N	2.1	2.9	3.0	2.6	0.019	
SB915-IMW-02S	Bromide	24959-67-9	15.0	11.3	10.6	12.5	0.966	
SB915-IMW-02S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.116	
SB915-IMW-02S	Calcium	7440-70-2	6900.0	7160.0	6810.0	7500.0	0.684	
SB915-IMW-02S	Chemical Oxygen Demand	COD	160.0	290.0	375.0	280.0	0.612	
SB915-IMW-02S	Chloride	16887-00-6	21000.0	21000.0	19000.0	18500.0	0.975	
SB915-IMW-02S	Hardness (as CaCO3)	HARD	19000.0	19500.0	17500.0	18000.0	0.891	
SB915-IMW-02S	Iron	7439-89-6	7.3	8.1	6.8	8.1	0.608	
SB915-IMW-02S	Kjeldahl Nitrogen	KN	2.0	2.8	3.9	4.3	0.084	
SB915-IMW-02S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.674	
SB915-IMW-02S	Magnesium	7439-95-4	69.0	63.4	65.5	81.9	0.040	
SB915-IMW-02S	Manganese	7439-96-5	13.0	12.5	12.0	14.5	0.239	
SB915-IMW-02S	Nitrate	14797-55-8	1.3	1.3	1.3	2.5	0.351	
SB915-IMW-02S	Potassium	7440-09-7	90.0	94.0	97.5	105.0	0.324	
SB915-IMW-02S	Sodium	7440-23-5	4500.0	4650.0	4550.0	5180.0	0.460	
SB915-IMW-02S	Sulfate	14808-79-8	54.0	39.5	31.7	35.2	0.603	
SB915-IMW-02S	Total Dissolved Oxygen	TDS	33000.0	41000.0	41500.0	36000.0	0.206	
SB915-IMW-02S	Total Organic Carbon	TOC	1.3	1.5	1.4	1.4	0.952	
SB915-IMW-02S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.913	
SB915-IMW-03S	Alkalinity	ALK	230.0	260.0	271.5	290.0	0.164	
SB915-IMW-03S	Ammonia	NH3N	21.0	24.0	27.0	25.0	0.040	
SB915-IMW-03S	Bromide	24959-67-9	12.5	14.4	11.4	10.3	0.668	
SB915-IMW-03S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.770	
SB915-IMW-03S	Calcium	7440-70-2	7400.0	7550.0	8250.0	8150.0	0.390	
SB915-IMW-03S	Chemical Oxygen Demand	COD	320.0	345.0	445.0	340.0	0.875	
SB915-IMW-03S	Chloride	16887-00-6	22000.0	21500.0	24000.0	23050.0	0.244	
SB915-IMW-03S	Hardness (as CaCO3)	HARD	20000.0	20500.0	22250.0	20000.0	0.526	
SB915-IMW-03S	Iron	7439-89-6	190.0	182.0	225.0	225.0	0.014	
SB915-IMW-03S	Kjeldahl Nitrogen	KN	23.0	24.5	29.6	29.2	0.055	
SB915-IMW-03S	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.450	
SB915-IMW-03S	Magnesium	7439-95-4	110.0	94.5	135.0	130.0	0.017	
SB915-IMW-03S	Manganese	7439-96-5	19.0	15.5	17.5	16.5	0.385	
SB915-IMW-03S	Nitrate	14797-55-8	2.5	2.5	1.6	2.4	0.205	
SB915-IMW-03S	Potassium	7440-09-7	130.0	135.0	140.0	140.0	0.810	
SB915-IMW-03S	Sodium	7440-23-5	4800.0	4950.0	5400.0	5350.0	0.521	
SB915-IMW-03S	Sulfate	14808-79-8	31.0	40.0	25.0	25.0	0.617	
SB915-IMW-03S	Total Dissolved Oxygen	TDS	37000.0	45000.0	52000.0	47250.0	0.000	Yes
SB915-IMW-03S	Total Organic Carbon	TOC	14.0	16.0	17.0	16.0	0.417	
SB915-IMW-03S	Total Recoverable Phenolics	TOTREC-PHN	0.4	0.4	0.6	0.4	0.495	
SB915-IMW-04S	Alkalinity	ALK	210.0	165.0	172.5	291.5	0.007	Yes
SB915-IMW-04S	Ammonia	NH3N	1.1	1.1	1.4	0.8	0.307	

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Honeywell
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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-IMW-04S	Bromide	24959-67-9	1.3	1.5	1.2	2.3	0.806	
SB915-IMW-04S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.655	
SB915-IMW-04S	Calcium	7440-70-2	1100.0	688.5	780.0	1180.0	0.078	
SB915-IMW-04S	Chemical Oxygen Demand	COD	73.0	33.5	32.5	34.0	0.816	
SB915-IMW-04S	Chloride	16887-00-6	2400.0	1630.0	1960.0	2550.0	0.157	
SB915-IMW-04S	Hardness (as CaCO3)	HARD	2600.0	1800.0	2200.0	3600.0	0.028	
SB915-IMW-04S	Iron	7439-89-6	11.0	8.5	6.8	12.0	0.182	
SB915-IMW-04S	Kjeldahl Nitrogen	KN	1.8	1.8	1.6	1.6	0.885	
SB915-IMW-04S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.424	
SB915-IMW-04S	Magnesium	7439-95-4	25.0	9.9	10.8	24.0	0.021	
SB915-IMW-04S	Manganese	7439-96-5	4.8	2.6	2.5	6.6	0.007	Yes
SB915-IMW-04S	Nitrate	14797-55-8	0.3	0.2	0.3	0.5	0.054	
SB915-IMW-04S	Potassium	7440-09-7	47.0	36.1	45.5	55.5	0.716	
SB915-IMW-04S	Sodium	7440-23-5	540.0	342.0	307.0	445.0	0.203	
SB915-IMW-04S	Sulfate	14808-79-8	50.0	62.5	47.0	33.5	0.008	Yes
SB915-IMW-04S	Total Dissolved Oxygen	TDS	4500.0	3800.0	4065.0	5250.0	0.289	
SB915-IMW-04S	Total Organic Carbon	TOC	4.8	5.1	5.6	5.4	0.818	
SB915-IMW-04S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.352	
SB915-IMW-05S	Alkalinity	ALK	220.0	235.0	195.0	250.0	0.495	
SB915-IMW-05S	Ammonia	NH3N	5.0	6.1	6.1	5.2	0.668	
SB915-IMW-05S	Bromide	24959-67-9	3.7	4.7	5.4	5.0	0.980	
SB915-IMW-05S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.792	
SB915-IMW-05S	Calcium	7440-70-2	3000.0	3035.0	2740.0	3110.0	0.309	
SB915-IMW-05S	Chemical Oxygen Demand	COD	140.0	266.0	85.0	120.0	0.387	
SB915-IMW-05S	Chloride	16887-00-6	8300.0	7900.0	7500.0	8315.0	0.303	
SB915-IMW-05S	Hardness (as CaCO3)	HARD	8000.0	7600.0	7465.0	7850.0	0.228	
SB915-IMW-05S	Iron	7439-89-6	0.5	0.3	0.4	0.5	0.509	
SB915-IMW-05S	Kjeldahl Nitrogen	KN	7.5	7.8	7.3	7.5	0.570	
SB915-IMW-05S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.458	
SB915-IMW-05S	Magnesium	7439-95-4	25.0	25.0	25.0	25.0	0.892	
SB915-IMW-05S	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.669	
SB915-IMW-05S	Nitrate	14797-55-8	0.5	1.0	0.5	1.3	0.231	
SB915-IMW-05S	Potassium	7440-09-7	130.0	137.5	145.0	150.0	0.315	
SB915-IMW-05S	Sodium	7440-23-5	1400.0	1600.0	1375.0	1520.0	0.458	
SB915-IMW-05S	Sulfate	14808-79-8	21.0	27.5	23.5	23.5	0.646	
SB915-IMW-05S	Total Dissolved Oxygen	TDS	15000.0	15000.0	15150.0	15500.0	0.376	
SB915-IMW-05S	Total Organic Carbon	TOC	11.0	8.3	8.1	8.3	0.349	
SB915-IMW-05S	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.1	0.1	0.1	0.038	
SB915-IMW-06S	Alkalinity	ALK	520.0	685.0	579.5	394.0	0.046	
SB915-IMW-06S	Ammonia	NH3N	3.0	2.4	3.7	4.4	0.000	Yes
SB915-IMW-06S	Bromide	24959-67-9	3.5	2.9	4.1	5.1	0.393	
SB915-IMW-06S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.655	
SB915-IMW-06S	Calcium	7440-70-2	2700.0	2350.0	2780.0	2800.0	0.119	
SB915-IMW-06S	Chemical Oxygen Demand	COD	180.0	82.4	77.0	230.0	0.675	
SB915-IMW-06S	Chloride	16887-00-6	6200.0	5450.0	7000.0	8115.0	0.015	
SB915-IMW-06S	Hardness (as CaCO3)	HARD	6600.0	5950.0	6950.0	7900.0	0.028	
SB915-IMW-06S	Iron	7439-89-6	0.5	0.5	0.4	0.5	0.514	
SB915-IMW-06S	Kjeldahl Nitrogen	KN	3.6	3.7	4.5	5.7	0.441	
SB915-IMW-06S	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.305	
SB915-IMW-06S	Magnesium	7439-95-4	25.0	13.2	4.3	1.9	0.468	
SB915-IMW-06S	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.637	
SB915-IMW-06S	Nitrate	14797-55-8	0.5	0.5	0.5	0.9	0.194	
SB915-IMW-06S	Potassium	7440-09-7	120.0	105.0	130.0	120.0	0.215	
SB915-IMW-06S	Sodium	7440-23-5	1300.0	995.0	1300.0	1450.0	0.115	
SB915-IMW-06S	Sulfate	14808-79-8	19.0	22.5	24.2	19.4	0.782	
SB915-IMW-06S	Total Dissolved Oxygen	TDS	13000.0	11000.0	14100.0	15950.0	0.006	Yes
SB915-IMW-06S	Total Organic Carbon	TOC	4.3	3.9	4.8	6.0	0.001	Yes
SB915-IMW-06S	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.0	0.1	0.1	0.000	Yes
SB915-MW-01	Alkalinity	ALK	510.0	480.0	485.0	530.0	0.834	
SB915-MW-01	Ammonia	NH3N	0.1	0.1	0.2	0.1	0.180	
SB915-MW-01	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.877	
SB915-MW-01	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.401	

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SB915-MW-01	Calcium	7440-70-2	180.0	155.0	150.0	160.0	0.041	
SB915-MW-01	Chemical Oxygen Demand	COD	5.8	10.4	11.5	9.9	0.670	
SB915-MW-01	Chloride	16887-00-6	190.0	190.0	190.0	190.0	0.983	
SB915-MW-01	Hardness (as CaCO3)	HARD	600.0	570.0	535.0	570.0	0.534	
SB915-MW-01	Iron	7439-89-6	0.5	0.5	0.5	0.5	0.683	
SB915-MW-01	Kjeldahl Nitrogen	KN	0.4	1.1	0.4	0.7	0.655	
SB915-MW-01	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.485	
SB915-MW-01	Magnesium	7439-95-4	42.5	33.6	33.5	35.0	0.335	
SB915-MW-01	Manganese	7439-96-5	0.7	0.7	0.3	0.2	0.543	
SB915-MW-01	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.675	
SB915-MW-01	Potassium	7440-09-7	25.0	2.1	14.0	2.7	0.311	
SB915-MW-01	Sodium	7440-23-5	130.0	86.0	95.5	95.0	0.259	
SB915-MW-01	Sulfate	14808-79-8	52.0	43.0	38.0	40.0	0.055	
SB915-MW-01	Total Dissolved Oxygen	TDS	805.0	760.0	990.0	790.0	0.435	
SB915-MW-01	Total Organic Carbon	TOC	3.9	3.5	3.6	3.7	0.346	
SB915-MW-01	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.351	
SB915-MW-03	Alkalinity	ALK	300.0	270.0	276.0	320.0	0.688	
SB915-MW-03	Ammonia	NH3N	19.0	20.0	19.5	19.0	0.520	
SB915-MW-03	Bromide	24959-67-9	2.5	2.7	2.5	2.5	0.511	
SB915-MW-03	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.318	
SB915-MW-03	Calcium	7440-70-2	1200.0	1270.0	1150.0	1200.0	0.509	
SB915-MW-03	Chemical Oxygen Demand	COD	65.0	54.5	41.0	48.0	0.683	
SB915-MW-03	Chloride	16887-00-6	4300.0	4750.0	4890.0	4350.0	0.122	
SB915-MW-03	Hardness (as CaCO3)	HARD	3500.0	3365.0	3250.0	3250.0	0.501	
SB915-MW-03	Iron	7439-89-6	6.8	7.8	7.3	7.8	0.390	
SB915-MW-03	Kjeldahl Nitrogen	KN	19.0	20.5	19.5	18.7	0.852	
SB915-MW-03	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.394	
SB915-MW-03	Magnesium	7439-95-4	41.0	41.5	43.0	44.5	0.661	
SB915-MW-03	Manganese	7439-96-5	0.9	1.1	0.8	0.9	0.466	
SB915-MW-03	Nitrate	14797-55-8	0.5	0.5	0.5	0.5	0.792	
SB915-MW-03	Potassium	7440-09-7	75.0	81.0	69.0	69.5	0.282	
SB915-MW-03	Sodium	7440-23-5	1700.0	1710.0	1550.0	1650.0	0.492	
SB915-MW-03	Sulfate	14808-79-8	380.0	420.0	367.0	329.0	0.147	
SB915-MW-03	Total Dissolved Oxygen	TDS	8100.0	9375.0	9650.0	8800.0	0.000	Yes
SB915-MW-03	Total Organic Carbon	TOC	1.6	1.6	1.5	1.6	0.950	
SB915-MW-03	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.746	
SB915-MW-04	Alkalinity	ALK	580.0	535.0	450.0	447.0	0.049	
SB915-MW-04	Ammonia	NH3N	10.0	12.0	7.0	7.0	0.004	Yes
SB915-MW-04	Bromide	24959-67-9	6.5	7.6	6.4	12.5	0.080	
SB915-MW-04	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.687	
SB915-MW-04	Calcium	7440-70-2	4200.0	3950.0	4350.0	4440.0	0.001	Yes
SB915-MW-04	Chemical Oxygen Demand	COD	190.0	230.0	225.0	185.0	0.533	
SB915-MW-04	Chloride	16887-00-6	13000.0	13500.0	14800.0	15000.0	0.169	
SB915-MW-04	Hardness (as CaCO3)	HARD	11000.0	11000.0	12500.0	14000.0	0.002	Yes
SB915-MW-04	Iron	7439-89-6	35.0	41.5	30.7	27.5	0.128	
SB915-MW-04	Kjeldahl Nitrogen	KN	9.5	11.5	8.2	6.1	0.194	
SB915-MW-04	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.581	
SB915-MW-04	Magnesium	7439-95-4	240.0	240.0	350.0	345.0	0.000	Yes
SB915-MW-04	Manganese	7439-96-5	20.0	19.5	19.5	18.5	0.769	
SB915-MW-04	Nitrate	14797-55-8	1.3	1.3	1.0	1.9	0.077	
SB915-MW-04	Potassium	7440-09-7	25.0	26.0	24.0	23.5	0.413	
SB915-MW-04	Sodium	7440-23-5	3900.0	3695.0	3850.0	3985.0	0.128	
SB915-MW-04	Sulfate	14808-79-8	130.0	125.0	270.0	245.0	0.005	Yes
SB915-MW-04	Total Dissolved Oxygen	TDS	24000.0	26000.0	29500.0	28000.0	0.054	
SB915-MW-04	Total Organic Carbon	TOC	4.8	5.0	3.5	3.3	0.059	
SB915-MW-04	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.840	
SB915-MW-104I	Alkalinity	ALK	270.0	235.0	285.0	340.0	0.053	
SB915-MW-104I	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.674	
SB915-MW-104I	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.933	
SB915-MW-104I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.233	
SB915-MW-104I	Calcium	7440-70-2	190.0	161.0	161.5	200.0	0.007	Yes
SB915-MW-104I	Chemical Oxygen Demand	COD	5.0	5.0	5.7	5.0	0.661	

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SB915-MW-104I	Chloride	16887-00-6	170.0	145.0	115.5	110.5	0.352	
SB915-MW-104I	Hardness (as CaCO3)	HARD	620.0	577.5	595.0	660.0	0.006	Yes
SB915-MW-104I	Iron	7439-89-6	0.5	0.4	0.5	0.4	0.817	
SB915-MW-104I	Kjeldahl Nitrogen	KN	0.3	0.7	0.6	0.5	0.606	
SB915-MW-104I	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.121	
SB915-MW-104I	Magnesium	7439-95-4	25.0	35.0	35.5	43.2	0.641	
SB915-MW-104I	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.903	
SB915-MW-104I	Nitrate	14797-55-8	0.4	0.7	0.5	0.5	0.104	
SB915-MW-104I	Potassium	7440-09-7	25.0	14.4	25.0	25.0	0.686	
SB915-MW-104I	Sodium	7440-23-5	72.0	71.0	67.5	63.5	0.620	
SB915-MW-104I	Sulfate	14808-79-8	260.0	255.0	265.0	295.0	0.931	
SB915-MW-104I	Total Dissolved Oxygen	TDS	910.0	828.5	875.0	897.0	0.668	
SB915-MW-104I	Total Organic Carbon	TOC	0.6	0.8	0.8	0.7	0.158	
SB915-MW-104I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.651	
SB915-MW-104S	Alkalinity	ALK	130.0	120.0	127.5	130.0	0.651	
SB915-MW-104S	Ammonia	NH3N	0.3	0.3	0.4	0.4	0.023	
SB915-MW-104S	Bromide	24959-67-9	25.0	26.5	18.5	21.0	0.446	
SB915-MW-104S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.101	
SB915-MW-104S	Calcium	7440-70-2	18000.0	17800.0	17100.0	18000.0	0.571	
SB915-MW-104S	Chemical Oxygen Demand	COD	1200.0	780.0	725.0	700.0	0.412	
SB915-MW-104S	Chloride	16887-00-6	58000.0	56500.0	54600.0	55000.0	0.264	
SB915-MW-104S	Hardness (as CaCO3)	HARD	50000.0	49000.0	48500.0	49000.0	0.438	
SB915-MW-104S	Iron	7439-89-6	23.0	35.5	41.7	35.0	0.454	
SB915-MW-104S	Kjeldahl Nitrogen	KN	0.7	1.0	1.5	0.9	0.428	
SB915-MW-104S	Lead	7439-92-1	0.3	0.2	0.3	0.3	0.814	
SB915-MW-104S	Magnesium	7439-95-4	510.0	528.5	530.0	590.0	0.305	
SB915-MW-104S	Manganese	7439-96-5	10.0	10.6	10.2	11.0	0.944	
SB915-MW-104S	Nitrate	14797-55-8	5.0	5.0	4.0	5.0	0.589	
SB915-MW-104S	Potassium	7440-09-7	25.0	25.0	23.0	29.0	0.726	
SB915-MW-104S	Sodium	7440-23-5	13000.0	13000.0	12750.0	13000.0	0.616	
SB915-MW-104S	Sulfate	14808-79-8	55.0	63.5	39.0	69.0	0.288	
SB915-MW-104S	Total Dissolved Oxygen	TDS	89000.0	99300.0	105000.0	100000.0	0.691	
SB915-MW-104S	Total Organic Carbon	TOC	1.4	1.4	1.3	1.5	0.759	
SB915-MW-104S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.640	
SB915-MW-105BR	Alkalinity	ALK	290.0	335.0	226.0	215.0	0.061	
SB915-MW-105BR	Ammonia	NH3N	1.8	1.6	2.7	4.1	0.085	
SB915-MW-105BR	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.933	
SB915-MW-105BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.430	
SB915-MW-105BR	Calcium	7440-70-2	140.0	127.0	102.2	110.0	0.427	
SB915-MW-105BR	Chemical Oxygen Demand	COD	5.0	6.4	8.0	5.0	0.872	
SB915-MW-105BR	Chloride	16887-00-6	89.0	56.5	92.5	128.5	0.046	
SB915-MW-105BR	Hardness (as CaCO3)	HARD	430.0	400.0	320.0	365.0	0.443	
SB915-MW-105BR	Iron	7439-89-6	0.5	0.2	0.6	0.5	0.302	
SB915-MW-105BR	Kjeldahl Nitrogen	KN	0.7	2.8	3.1	5.1	0.353	
SB915-MW-105BR	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.446	
SB915-MW-105BR	Magnesium	7439-95-4	21.0	22.0	15.3	12.0	0.308	
SB915-MW-105BR	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.438	
SB915-MW-105BR	Nitrate	14797-55-8	4.6	0.3	0.5	1.2	0.116	
SB915-MW-105BR	Potassium	7440-09-7	9.5	10.7	9.6	9.4	0.994	
SB915-MW-105BR	Sodium	7440-23-5	90.0	69.5	72.5	50.0	0.159	
SB915-MW-105BR	Sulfate	14808-79-8	180.0	130.0	100.0	97.6	0.164	
SB915-MW-105BR	Total Dissolved Oxygen	TDS	690.0	609.5	560.0	615.0	0.466	
SB915-MW-105BR	Total Organic Carbon	TOC	2.3	2.0	2.6	3.0	0.142	
SB915-MW-105BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.789	
SB915-MW-106I	Alkalinity	ALK	51.0	66.0	61.5	66.4	0.460	
SB915-MW-106I	Ammonia	NH3N	2.5	2.4	2.5	2.2	0.805	
SB915-MW-106I	Bromide	24959-67-9	12.5	14.5	7.3	6.8	0.105	
SB915-MW-106I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.440	
SB915-MW-106I	Calcium	7440-70-2	6300.0	5450.0	4985.0	5450.0	0.549	
SB915-MW-106I	Chemical Oxygen Demand	COD	250.0	355.0	325.0	420.0	0.878	
SB915-MW-106I	Chloride	16887-00-6	21000.0	21000.0	18600.0	17500.0	0.598	
SB915-MW-106I	Hardness (as CaCO3)	HARD	19000.0	16000.0	15500.0	15000.0	0.537	

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SB915-MW-106I	Iron	7439-89-6	21.0	18.0	17.9	19.0	0.794	
SB915-MW-106I	Kjeldahl Nitrogen	KN	2.0	2.8	2.4	1.6	0.461	
SB915-MW-106I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.636	
SB915-MW-106I	Magnesium	7439-95-4	340.0	300.0	285.0	300.0	0.280	
SB915-MW-106I	Manganese	7439-96-5	3.6	3.3	3.4	3.2	0.575	
SB915-MW-106I	Nitrate	14797-55-8	2.5	1.9	1.9	1.3	0.436	
SB915-MW-106I	Potassium	7440-09-7	50.0	43.5	41.5	38.5	0.939	
SB915-MW-106I	Sodium	7440-23-5	4900.0	4400.0	4330.0	4650.0	0.648	
SB915-MW-106I	Sulfate	14808-79-8	50.0	31.0	21.1	15.5	0.456	
SB915-MW-106I	Total Dissolved Oxygen	TDS	32000.0	35500.0	44450.0	31500.0	0.233	
SB915-MW-106I	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.980	
SB915-MW-106I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.992	
SB915-MW-106S	Alkalinity	ALK	200.0	210.0	250.0	245.0	0.072	
SB915-MW-106S	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.411	
SB915-MW-106S	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.486	
SB915-MW-106S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.869	
SB915-MW-106S	Calcium	7440-70-2	74.0	88.5	145.0	120.0	0.315	
SB915-MW-106S	Chemical Oxygen Demand	COD	5.0	5.0	9.0	5.0	0.633	
SB915-MW-106S	Chloride	16887-00-6	57.0	85.5	385.0	180.0	0.182	
SB915-MW-106S	Hardness (as CaCO3)	HARD	240.0	295.0	525.0	435.0	0.176	
SB915-MW-106S	Iron	7439-89-6	0.3	0.3	0.4	0.5	0.882	
SB915-MW-106S	Kjeldahl Nitrogen	KN	0.2	0.4	0.7	0.3	0.585	
SB915-MW-106S	Lead	7439-92-1	0.0	0.0	0.0	0.1	0.636	
SB915-MW-106S	Magnesium	7439-95-4	25.0	21.0	39.2	27.0	0.116	
SB915-MW-106S	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.686	
SB915-MW-106S	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.949	
SB915-MW-106S	Potassium	7440-09-7	25.0	14.2	15.2	13.9	0.988	
SB915-MW-106S	Sodium	7440-23-5	25.0	21.5	81.0	50.0	0.397	
SB915-MW-106S	Sulfate	14808-79-8	28.0	29.5	79.2	38.0	0.093	
SB915-MW-106S	Total Dissolved Oxygen	TDS	320.0	422.5	1025.0	615.0	0.122	
SB915-MW-106S	Total Organic Carbon	TOC	0.5	0.6	0.8	0.6	0.200	
SB915-MW-106S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.731	
SB915-MW-107BR	Alkalinity	ALK	69.0	80.4	71.5	72.0	0.773	
SB915-MW-107BR	Ammonia	NH3N	18.0	17.0	17.5	16.5	0.532	
SB915-MW-107BR	Bromide	24959-67-9	160.0	130.0	140.0	91.0	0.600	
SB915-MW-107BR	Cadmium	7440-43-9	0.1	0.1	0.0	0.0	0.922	
SB915-MW-107BR	Calcium	7440-70-2	2600.0	2650.0	2650.0	2650.0	0.733	
SB915-MW-107BR	Chemical Oxygen Demand	COD	1400.0	1350.0	1005.0	3400.0	0.461	
SB915-MW-107BR	Chloride	16887-00-6	120000.0	120000.0	120000.0	121000.0	0.341	
SB915-MW-107BR	Hardness (as CaCO3)	HARD	9100.0	9115.0	9100.0	9150.0	0.853	
SB915-MW-107BR	Iron	7439-89-6	3.5	2.9	3.5	3.9	0.975	
SB915-MW-107BR	Kjeldahl Nitrogen	KN	19.0	7.6	12.5	12.0	0.474	
SB915-MW-107BR	Lead	7439-92-1	0.3	0.2	0.3	0.3	0.512	
SB915-MW-107BR	Magnesium	7439-95-4	490.0	500.0	490.0	495.0	0.890	
SB915-MW-107BR	Manganese	7439-96-5	2.6	2.8	2.8	2.9	0.950	
SB915-MW-107BR	Nitrate	14797-55-8	12.5	8.8	5.0	8.8	0.450	
SB915-MW-107BR	Potassium	7440-09-7	430.0	405.0	475.0	505.0	0.863	
SB915-MW-107BR	Sodium	7440-23-5	71000.0	70050.0	67500.0	72000.0	0.631	
SB915-MW-107BR	Sulfate	14808-79-8	4100.0	4000.0	3900.0	4050.0	0.693	
SB915-MW-107BR	Total Dissolved Oxygen	TDS	190000.0	200000.0	196000.0	205000.0	0.059	
SB915-MW-107BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.622	
SB915-MW-107BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.1	0.0	0.0	0.731	
SB915-MW-107D	Alkalinity	ALK	83.0	85.5	81.7	81.2	0.954	
SB915-MW-107D	Ammonia	NH3N	21.0	21.0	20.5	20.5	0.549	
SB915-MW-107D	Bromide	24959-67-9	33.0	47.2	41.0	52.0	0.437	
SB915-MW-107D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.551	
SB915-MW-107D	Calcium	7440-70-2	11000.0	11000.0	11000.0	10000.0	0.023	
SB915-MW-107D	Chemical Oxygen Demand	COD	910.0	1020.0	1500.0	1420.0	0.900	
SB915-MW-107D	Chloride	16887-00-6	69000.0	68000.0	67400.0	70000.0	0.581	
SB915-MW-107D	Hardness (as CaCO3)	HARD	30000.0	28500.0	30500.0	30000.0	0.585	
SB915-MW-107D	Iron	7439-89-6	19.0	18.5	19.5	18.8	0.973	
SB915-MW-107D	Kjeldahl Nitrogen	KN	20.0	17.5	15.0	14.0	0.486	

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SB915-MW-107D	Lead	7439-92-1	0.3	0.3	0.3	0.2	0.726	
SB915-MW-107D	Magnesium	7439-95-4	420.0	420.0	425.0	400.0	0.521	
SB915-MW-107D	Manganese	7439-96-5	4.5	4.3	4.7	4.6	0.725	
SB915-MW-107D	Nitrate	14797-55-8	5.0	3.8	4.1	5.4	0.062	
SB915-MW-107D	Potassium	7440-09-7	290.0	270.0	295.0	285.0	0.797	
SB915-MW-107D	Sodium	7440-23-5	31000.0	30000.0	30500.0	28000.0	0.180	
SB915-MW-107D	Sulfate	14808-79-8	1400.0	1350.0	1390.0	1250.0	0.059	
SB915-MW-107D	Total Dissolved Oxygen	TDS	110000.0	120000.0	130000.0	121500.0	0.206	
SB915-MW-107D	Total Organic Carbon	TOC	0.5	0.3	0.5	0.5	0.112	
SB915-MW-107D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.749	
SB915-MW-107I	Alkalinity	ALK	200.0	190.0	190.0	200.0	0.872	
SB915-MW-107I	Ammonia	NH3N	1.8	1.7	1.7	1.7	0.927	
SB915-MW-107I	Bromide	24959-67-9	2.5	2.4	2.0	2.5	0.542	
SB915-MW-107I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.796	
SB915-MW-107I	Calcium	7440-70-2	1400.0	1400.0	1350.0	1450.0	0.449	
SB915-MW-107I	Chemical Oxygen Demand	COD	82.0	40.0	51.5	53.4	0.745	
SB915-MW-107I	Chloride	16887-00-6	4200.0	3950.0	3900.0	3950.0	0.596	
SB915-MW-107I	Hardness (as CaCO3)	HARD	3800.0	3750.0	3800.0	4050.0	0.039	
SB915-MW-107I	Iron	7439-89-6	4.8	5.1	4.8	5.5	0.314	
SB915-MW-107I	Kjeldahl Nitrogen	KN	1.9	2.6	1.9	2.2	0.698	
SB915-MW-107I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.517	
SB915-MW-107I	Magnesium	7439-95-4	68.0	69.0	64.5	73.8	0.312	
SB915-MW-107I	Manganese	7439-96-5	0.8	0.7	0.6	0.7	0.413	
SB915-MW-107I	Nitrate	14797-55-8	0.5	0.4	0.5	0.4	0.972	
SB915-MW-107I	Potassium	7440-09-7	25.0	26.5	25.0	28.5	0.446	
SB915-MW-107I	Sodium	7440-23-5	990.0	932.5	875.0	985.0	0.119	
SB915-MW-107I	Sulfate	14808-79-8	180.0	186.5	187.0	175.0	0.601	
SB915-MW-107I	Total Dissolved Oxygen	TDS	7200.0	8150.0	9200.0	7890.0	0.023	
SB915-MW-107I	Total Organic Carbon	TOC	0.4	0.6	0.4	0.5	0.703	
SB915-MW-107I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.747	
SB915-MW-107S	Alkalinity	ALK	130.0	143.0	145.0	170.0	0.228	
SB915-MW-107S	Ammonia	NH3N	0.4	0.4	0.6	0.5	0.135	
SB915-MW-107S	Bromide	24959-67-9	12.5	18.0	9.1	9.9	0.323	
SB915-MW-107S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.894	
SB915-MW-107S	Calcium	7440-70-2	8500.0	8850.0	8600.0	8750.0	0.657	
SB915-MW-107S	Chemical Oxygen Demand	COD	600.0	510.0	365.0	785.0	0.609	
SB915-MW-107S	Chloride	16887-00-6	28000.0	30000.0	29450.0	28850.0	0.963	
SB915-MW-107S	Hardness (as CaCO3)	HARD	26000.0	26000.0	26000.0	26500.0	0.938	
SB915-MW-107S	Iron	7439-89-6	6.3	5.9	8.5	7.7	0.153	
SB915-MW-107S	Kjeldahl Nitrogen	KN	0.5	0.9	0.9	1.5	0.455	
SB915-MW-107S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.315	
SB915-MW-107S	Magnesium	7439-95-4	620.0	605.0	600.0	655.0	0.308	
SB915-MW-107S	Manganese	7439-96-5	22.0	23.8	22.2	26.0	0.648	
SB915-MW-107S	Nitrate	14797-55-8	2.5	1.9	1.9	2.4	0.404	
SB915-MW-107S	Potassium	7440-09-7	25.0	24.5	24.6	25.0	0.614	
SB915-MW-107S	Sodium	7440-23-5	6500.0	6550.0	6320.0	6650.0	0.748	
SB915-MW-107S	Sulfate	14808-79-8	79.0	75.0	53.4	33.3	0.748	
SB915-MW-107S	Total Dissolved Oxygen	TDS	45000.0	60200.0	61000.0	53000.0	0.004	Yes
SB915-MW-107S	Total Organic Carbon	TOC	0.6	0.7	0.7	0.7	0.615	
SB915-MW-107S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.772	
SB915-MW-108BR	Alkalinity	ALK	200.0	193.5	215.0	205.0	0.709	
SB915-MW-108BR	Ammonia	NH3N	0.8	0.8	0.9	0.8	0.387	
SB915-MW-108BR	Bromide	24959-67-9	1.0	0.9	0.7	0.7	0.531	
SB915-MW-108BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.162	
SB915-MW-108BR	Calcium	7440-70-2	570.0	548.0	560.0	570.0	0.384	
SB915-MW-108BR	Chemical Oxygen Demand	COD	5.0	5.0	7.6	5.0	0.199	
SB915-MW-108BR	Chloride	16887-00-6	180.0	180.0	180.0	180.0	0.356	
SB915-MW-108BR	Hardness (as CaCO3)	HARD	1700.0	1700.0	1700.0	1700.0	0.548	
SB915-MW-108BR	Iron	7439-89-6	1.9	1.7	1.7	1.9	0.278	
SB915-MW-108BR	Kjeldahl Nitrogen	KN	0.9	1.0	0.7	1.3	0.809	
SB915-MW-108BR	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.202	
SB915-MW-108BR	Magnesium	7439-95-4	58.0	56.0	58.0	58.5	0.363	

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SB915-MW-108BR	Manganese	7439-96-5	0.3	0.3	0.3	0.3	0.315	
SB915-MW-108BR	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.734	
SB915-MW-108BR	Potassium	7440-09-7	26.0	25.0	25.0	26.5	0.288	
SB915-MW-108BR	Sodium	7440-23-5	100.0	97.0	99.8	99.0	0.371	
SB915-MW-108BR	Sulfate	14808-79-8	1500.0	1500.0	1500.0	1600.0	0.856	
SB915-MW-108BR	Total Dissolved Oxygen	TDS	2300.0	2600.0	2725.0	2660.0	0.046	
SB915-MW-108BR	Total Organic Carbon	TOC	0.3	0.5	0.4	0.4	0.322	
SB915-MW-108BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.983	
SB915-MW-108D	Alkalinity	ALK	250.0	242.5	236.0	250.0	0.939	
SB915-MW-108D	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.990	
SB915-MW-108D	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.470	
SB915-MW-108D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.162	
SB915-MW-108D	Calcium	7440-70-2	140.0	140.0	140.0	140.0	0.496	
SB915-MW-108D	Chemical Oxygen Demand	COD	5.0	5.0	5.0	4.9	0.635	
SB915-MW-108D	Chloride	16887-00-6	81.0	79.5	82.0	81.5	0.979	
SB915-MW-108D	Hardness (as CaCO3)	HARD	500.0	500.0	500.0	500.0	0.322	
SB915-MW-108D	Iron	7439-89-6	1.3	1.1	1.1	1.2	0.751	
SB915-MW-108D	Kjeldahl Nitrogen	KN	0.2	0.6	0.6	0.7	0.684	
SB915-MW-108D	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.202	
SB915-MW-108D	Magnesium	7439-95-4	32.0	31.0	30.0	30.5	0.728	
SB915-MW-108D	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.954	
SB915-MW-108D	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.825	
SB915-MW-108D	Potassium	7440-09-7	4.3	5.7	5.8	4.3	0.955	
SB915-MW-108D	Sodium	7440-23-5	50.0	45.8	42.9	41.0	0.928	
SB915-MW-108D	Sulfate	14808-79-8	250.0	245.0	260.0	255.0	0.792	
SB915-MW-108D	Total Dissolved Oxygen	TDS	730.0	725.0	745.0	719.0	0.421	
SB915-MW-108D	Total Organic Carbon	TOC	0.6	0.6	0.6	0.5	0.426	
SB915-MW-108D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.813	
SB915-MW-108S	Alkalinity	ALK	490.0	500.0	510.0	NA	0.830	
SB915-MW-108S	Ammonia	NH3N	0.1	0.1	0.2	NA	0.627	
SB915-MW-108S	Bromide	24959-67-9	0.3	0.3	0.3	NA	0.969	
SB915-MW-108S	Cadmium	7440-43-9	0.0	0.0	0.0	NA	0.610	
SB915-MW-108S	Calcium	7440-70-2	220.0	150.0	215.0	NA	0.099	
SB915-MW-108S	Chemical Oxygen Demand	COD	24.0	5.3	11.5	NA	0.855	
SB915-MW-108S	Chloride	16887-00-6	70.5	63.8	140.0	NA	0.642	
SB915-MW-108S	Hardness (as CaCO3)	HARD	595.0	500.0	665.0	NA	0.094	
SB915-MW-108S	Iron	7439-89-6	0.8	0.5	1.7	NA	0.864	
SB915-MW-108S	Kjeldahl Nitrogen	KN	0.2	0.8	0.4	NA	0.681	
SB915-MW-108S	Lead	7439-92-1	0.0	0.0	0.1	NA	0.446	
SB915-MW-108S	Magnesium	7439-95-4	27.0	20.8	26.5	NA	0.097	
SB915-MW-108S	Manganese	7439-96-5	0.1	0.2	0.2	NA	0.672	
SB915-MW-108S	Nitrate	14797-55-8	0.2	0.1	0.2	NA	0.994	
SB915-MW-108S	Potassium	7440-09-7	8.9	9.5	16.1	NA	0.694	
SB915-MW-108S	Sodium	7440-23-5	21.0	42.0	32.0	NA	0.198	
SB915-MW-108S	Sulfate	14808-79-8	87.5	78.0	113.0	NA	0.349	
SB915-MW-108S	Total Dissolved Oxygen	TDS	680.0	610.0	885.0	NA	0.327	
SB915-MW-108S	Total Organic Carbon	TOC	1.4	1.8	2.0	NA	0.482	
SB915-MW-108S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	NA	0.586	
SB915-MW-109I	Alkalinity	ALK	96.0	120.0	97.5	115.0	0.969	
SB915-MW-109I	Ammonia	NH3N	4.6	3.9	4.4	3.7	0.860	
SB915-MW-109I	Bromide	24959-67-9	6.5	6.5	6.5	5.5	0.224	
SB915-MW-109I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.486	
SB915-MW-109I	Calcium	7440-70-2	4000.0	3800.0	3950.0	3300.0	0.619	
SB915-MW-109I	Chemical Oxygen Demand	COD	805.0	180.0	122.5	75.5	0.408	
SB915-MW-109I	Chloride	16887-00-6	10000.0	10850.0	10500.0	8200.0	0.710	
SB915-MW-109I	Hardness (as CaCO3)	HARD	10000.0	10650.0	10500.0	8500.0	0.590	
SB915-MW-109I	Iron	7439-89-6	1.5	1.6	1.4	1.6	0.922	
SB915-MW-109I	Kjeldahl Nitrogen	KN	4.3	6.1	4.8	3.9	0.609	
SB915-MW-109I	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.444	
SB915-MW-109I	Magnesium	7439-95-4	83.0	79.0	76.3	88.5	0.421	
SB915-MW-109I	Manganese	7439-96-5	0.3	0.3	0.3	0.4	0.643	
SB915-MW-109I	Nitrate	14797-55-8	1.3	1.0	1.0	0.5	0.277	

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SB915-MW-109I	Potassium	7440-09-7	140.0	130.0	140.0	115.0	0.540	
SB915-MW-109I	Sodium	7440-23-5	2500.0	2250.0	2400.0	1900.0	0.572	
SB915-MW-109I	Sulfate	14808-79-8	820.0	900.0	883.0	780.0	0.269	
SB915-MW-109I	Total Dissolved Oxygen	TDS	20000.0	22000.0	21500.0	17000.0	0.598	
SB915-MW-109I	Total Organic Carbon	TOC	1.1	1.1	1.1	1.3	0.942	
SB915-MW-109I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.965	
SB915-MW-109S	Alkalinity	ALK	990.0	900.0	906.0	930.0	0.891	
SB915-MW-109S	Ammonia	NH3N	4.4	3.6	4.0	4.8	0.018	
SB915-MW-109S	Bromide	24959-67-9	6.5	6.1	6.6	7.5	0.917	
SB915-MW-109S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.484	
SB915-MW-109S	Calcium	7440-70-2	5200.0	4450.0	5000.0	5525.0	0.007	Yes
SB915-MW-109S	Chemical Oxygen Demand	COD	160.0	210.0	245.0	230.0	0.638	
SB915-MW-109S	Chloride	16887-00-6	13000.0	12000.0	13000.0	14500.0	0.011	
SB915-MW-109S	Hardness (as CaCO3)	HARD	13000.0	11550.0	12500.0	14800.0	0.057	
SB915-MW-109S	Iron	7439-89-6	0.5	0.5	0.5	0.5	0.353	
SB915-MW-109S	Kjeldahl Nitrogen	KN	4.9	4.2	4.7	6.7	0.842	
SB915-MW-109S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.793	
SB915-MW-109S	Magnesium	7439-95-4	25.0	0.4	25.0	25.0	0.320	
SB915-MW-109S	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.381	
SB915-MW-109S	Nitrate	14797-55-8	1.3	1.3	1.3	0.9	0.739	
SB915-MW-109S	Potassium	7440-09-7	250.0	195.0	228.5	280.0	0.006	Yes
SB915-MW-109S	Sodium	7440-23-5	2900.0	2450.0	2850.0	3300.0	0.010	
SB915-MW-109S	Sulfate	14808-79-8	46.0	31.5	33.5	27.0	0.290	
SB915-MW-109S	Total Dissolved Oxygen	TDS	23000.0	23000.0	26200.0	27500.0	0.075	
SB915-MW-109S	Total Organic Carbon	TOC	2.3	2.4	2.4	2.9	0.183	
SB915-MW-109S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.358	
SB915-MW-110S	Alkalinity	ALK	290.0	195.0	259.5	290.0	0.007	Yes
SB915-MW-110S	Ammonia	NH3N	0.1	0.4	0.2	0.1	0.073	
SB915-MW-110S	Bromide	24959-67-9	1.3	1.1	1.2	1.3	0.638	
SB915-MW-110S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.794	
SB915-MW-110S	Calcium	7440-70-2	540.0	685.0	747.5	935.0	0.053	
SB915-MW-110S	Chemical Oxygen Demand	COD	59.0	22.0	31.0	37.5	0.972	
SB915-MW-110S	Chloride	16887-00-6	1500.0	1710.0	1800.0	2200.0	0.116	
SB915-MW-110S	Hardness (as CaCO3)	HARD	1700.0	1875.0	2055.0	2850.0	0.235	
SB915-MW-110S	Iron	7439-89-6	20.0	21.5	25.0	24.8	0.094	
SB915-MW-110S	Kjeldahl Nitrogen	KN	0.4	1.2	1.1	0.6	0.641	
SB915-MW-110S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.593	
SB915-MW-110S	Magnesium	7439-95-4	25.0	14.3	15.1	19.5	0.194	
SB915-MW-110S	Manganese	7439-96-5	3.2	3.3	4.4	5.0	0.004	Yes
SB915-MW-110S	Nitrate	14797-55-8	0.1	0.1	0.2	0.5	0.032	
SB915-MW-110S	Potassium	7440-09-7	24.0	26.5	31.5	32.6	0.067	
SB915-MW-110S	Sodium	7440-23-5	280.0	399.0	396.5	505.0	0.076	
SB915-MW-110S	Sulfate	14808-79-8	34.0	40.5	31.0	35.5	0.571	
SB915-MW-110S	Total Dissolved Oxygen	TDS	2800.0	3850.0	3875.0	5000.0	0.072	
SB915-MW-110S	Total Organic Carbon	TOC	2.8	2.7	3.1	3.0	0.549	
SB915-MW-110S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.890	
SB915-MW-111BR	Alkalinity	ALK	12.0	2.5	14.5	16.0	0.371	
SB915-MW-111BR	Ammonia	NH3N	170.0	179.0	155.0	160.0	0.376	
SB915-MW-111BR	Bromide	24959-67-9	980.0	960.0	955.0	993.5	0.638	
SB915-MW-111BR	Cadmium	7440-43-9	0.1	0.0	0.1	0.1	0.086	
SB915-MW-111BR	Calcium	7440-70-2	19000.0	19050.0	18500.0	20000.0	0.070	
SB915-MW-111BR	Chemical Oxygen Demand	COD	2100.0	2150.0	1450.0	2150.0	0.876	
SB915-MW-111BR	Chloride	16887-00-6	110000.0	110000.0	105000.0	105000.0	0.785	
SB915-MW-111BR	Hardness (as CaCO3)	HARD	66000.0	64500.0	66050.0	67000.0	0.557	
SB915-MW-111BR	Iron	7439-89-6	110.0	104.5	105.5	110.0	0.649	
SB915-MW-111BR	Kjeldahl Nitrogen	KN	170.0	88.5	140.0	135.0	0.417	
SB915-MW-111BR	Lead	7439-92-1	0.5	0.2	0.3	0.3	0.581	
SB915-MW-111BR	Magnesium	7439-95-4	3900.0	3805.0	3650.0	4000.0	0.062	
SB915-MW-111BR	Manganese	7439-96-5	23.0	24.5	25.0	26.8	0.306	
SB915-MW-111BR	Nitrate	14797-55-8	12.5	5.8	5.0	5.0	0.495	
SB915-MW-111BR	Potassium	7440-09-7	3400.0	3450.0	3350.0	3610.0	0.074	
SB915-MW-111BR	Sodium	7440-23-5	35000.0	36000.0	32500.0	37500.0	0.042	

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SB915-MW-111BR	Sulfate	14808-79-8	700.0	841.0	805.5	855.0	0.104	
SB915-MW-111BR	Total Dissolved Oxygen	TDS	180000.0	185000.0	205000.0	190000.0	0.266	
SB915-MW-111BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.697	
SB915-MW-111BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.1	0.979	
SB915-MW-111D	Alkalinity	ALK	26.0	42.0	36.0	39.8	0.181	
SB915-MW-111D	Ammonia	NH3N	22.0	23.0	22.2	21.5	0.385	
SB915-MW-111D	Bromide	24959-67-9	27.0	27.0	25.0	22.5	0.157	
SB915-MW-111D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.440	
SB915-MW-111D	Calcium	7440-70-2	19000.0	19500.0	18000.0	19900.0	0.024	
SB915-MW-111D	Chemical Oxygen Demand	COD	1200.0	800.0	1135.0	865.0	0.329	
SB915-MW-111D	Chloride	16887-00-6	64000.0	61500.0	59050.0	62500.0	0.200	
SB915-MW-111D	Hardness (as CaCO3)	HARD	50000.0	50500.0	50000.0	50000.0	0.412	
SB915-MW-111D	Iron	7439-89-6	87.0	83.5	81.1	90.5	0.417	
SB915-MW-111D	Kjeldahl Nitrogen	KN	27.0	20.0	22.0	20.4	0.417	
SB915-MW-111D	Lead	7439-92-1	0.3	0.3	0.3	0.3	0.999	
SB915-MW-111D	Magnesium	7439-95-4	150.0	161.0	151.5	160.0	0.516	
SB915-MW-111D	Manganese	7439-96-5	6.3	6.4	6.2	6.9	0.566	
SB915-MW-111D	Nitrate	14797-55-8	5.0	5.0	5.0	5.0	0.748	
SB915-MW-111D	Potassium	7440-09-7	240.0	245.5	227.0	265.0	0.069	
SB915-MW-111D	Sodium	7440-23-5	15000.0	16250.0	14000.0	17000.0	0.020	
SB915-MW-111D	Sulfate	14808-79-8	310.0	329.5	281.0	335.0	0.974	
SB915-MW-111D	Total Dissolved Oxygen	TDS	100000.0	115000.0	120000.0	110000.0	0.122	
SB915-MW-111D	Total Organic Carbon	TOC	1.3	1.3	1.3	1.4	0.914	
SB915-MW-111D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.1	0.0	0.0	0.260	
SB915-MW-111I	Alkalinity	ALK	48.0	56.0	45.0	68.5	0.275	
SB915-MW-111I	Ammonia	NH3N	8.9	10.7	9.1	9.9	0.160	
SB915-MW-111I	Bromide	24959-67-9	25.0	21.0	12.3	15.0	0.869	
SB915-MW-111I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.537	
SB915-MW-111I	Calcium	7440-70-2	13000.0	13000.0	12000.0	12950.0	0.191	
SB915-MW-111I	Chemical Oxygen Demand	COD	390.0	595.0	360.0	435.0	0.231	
SB915-MW-111I	Chloride	16887-00-6	41000.0	39000.0	37450.0	38000.0	0.042	
SB915-MW-111I	Hardness (as CaCO3)	HARD	34000.0	33500.0	33000.0	32500.0	0.360	
SB915-MW-111I	Iron	7439-89-6	75.0	78.0	75.5	79.3	0.439	
SB915-MW-111I	Kjeldahl Nitrogen	KN	8.4	10.6	8.8	10.0	0.889	
SB915-MW-111I	Lead	7439-92-1	0.1	0.3	0.3	0.3	0.946	
SB915-MW-111I	Magnesium	7439-95-4	230.0	220.0	220.0	225.5	0.603	
SB915-MW-111I	Manganese	7439-96-5	5.7	5.4	5.7	5.8	0.486	
SB915-MW-111I	Nitrate	14797-55-8	5.0	3.8	2.5	2.5	0.274	
SB915-MW-111I	Potassium	7440-09-7	160.0	165.0	150.0	170.0	0.420	
SB915-MW-111I	Sodium	7440-23-5	9000.0	9200.0	8750.0	9040.0	0.374	
SB915-MW-111I	Sulfate	14808-79-8	200.0	200.0	196.5	215.0	0.944	
SB915-MW-111I	Total Dissolved Oxygen	TDS	63000.0	72000.0	73000.0	68000.0	0.009	Yes
SB915-MW-111I	Total Organic Carbon	TOC	1.3	1.3	1.2	1.2	0.566	
SB915-MW-111I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.682	
SB915-MW-111S	Alkalinity	ALK	250.0	270.0	275.5	255.0	0.721	
SB915-MW-111S	Ammonia	NH3N	6.0	6.1	6.0	5.6	0.979	
SB915-MW-111S	Bromide	24959-67-9	6.5	5.4	5.8	5.5	0.764	
SB915-MW-111S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.775	
SB915-MW-111S	Calcium	7440-70-2	3500.0	3220.0	3300.0	3200.0	0.978	
SB915-MW-111S	Chemical Oxygen Demand	COD	200.0	290.0	175.0	145.0	0.672	
SB915-MW-111S	Chloride	16887-00-6	9600.0	10400.0	9500.0	8600.0	0.618	
SB915-MW-111S	Hardness (as CaCO3)	HARD	9200.0	9500.0	8835.0	8300.0	0.969	
SB915-MW-111S	Iron	7439-89-6	110.0	102.0	101.5	94.5	0.971	
SB915-MW-111S	Kjeldahl Nitrogen	KN	7.2	8.2	7.7	7.0	0.557	
SB915-MW-111S	Lead	7439-92-1	0.0	0.1	0.1	0.1	0.362	
SB915-MW-111S	Magnesium	7439-95-4	75.0	77.0	77.0	71.5	0.908	
SB915-MW-111S	Manganese	7439-96-5	4.2	4.3	3.9	3.6	0.927	
SB915-MW-111S	Nitrate	14797-55-8	1.3	1.3	1.0	1.3	0.539	
SB915-MW-111S	Potassium	7440-09-7	37.0	45.0	39.4	38.5	0.311	
SB915-MW-111S	Sodium	7440-23-5	2300.0	2195.0	2150.0	2100.0	0.935	
SB915-MW-111S	Sulfate	14808-79-8	27.0	32.5	29.5	27.0	0.940	
SB915-MW-111S	Total Dissolved Oxygen	TDS	18000.0	21500.0	19000.0	18000.0	0.187	

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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-MW-111S	Total Organic Carbon	TOC	8.6	10.6	9.6	8.0	0.967	
SB915-MW-111S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.591	
SB915-MW-112I	Alkalinity	ALK	90.0	87.4	82.0	89.0	0.491	
SB915-MW-112I	Ammonia	NH3N	7.4	7.7	7.4	7.8	0.387	
SB915-MW-112I	Bromide	24959-67-9	21.0	17.6	12.8	18.8	0.539	
SB915-MW-112I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.134	
SB915-MW-112I	Calcium	7440-70-2	12000.0	12000.0	12000.0	12000.0	0.631	
SB915-MW-112I	Chemical Oxygen Demand	COD	390.0	405.0	615.0	490.0	0.748	
SB915-MW-112I	Chloride	16887-00-6	38000.0	36000.0	36000.0	36200.0	0.260	
SB915-MW-112I	Hardness (as CaCO3)	HARD	32000.0	31000.0	31000.0	30500.0	0.559	
SB915-MW-112I	Iron	7439-89-6	50.0	52.2	52.0	53.0	0.292	
SB915-MW-112I	Kjeldahl Nitrogen	KN	8.8	5.3	6.7	8.3	0.355	
SB915-MW-112I	Lead	7439-92-1	0.1	0.2	0.3	0.2	0.867	
SB915-MW-112I	Magnesium	7439-95-4	130.0	114.5	125.5	128.5	0.966	
SB915-MW-112I	Manganese	7439-96-5	14.0	14.5	15.0	15.0	0.743	
SB915-MW-112I	Nitrate	14797-55-8	2.5	2.5	2.5	3.8	0.437	
SB915-MW-112I	Potassium	7440-09-7	140.0	149.0	145.0	150.0	0.512	
SB915-MW-112I	Sodium	7440-23-5	8000.0	8250.0	8150.0	8260.0	0.500	
SB915-MW-112I	Sulfate	14808-79-8	150.0	125.0	107.0	125.0	0.873	
SB915-MW-112I	Total Dissolved Oxygen	TDS	59000.0	65000.0	68500.0	66500.0	0.022	
SB915-MW-112I	Total Organic Carbon	TOC	1.8	1.7	1.7	1.9	0.948	
SB915-MW-112I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.678	
SB915-MW-112S	Alkalinity	ALK	39.0	45.0	38.4	23.0	0.863	
SB915-MW-112S	Ammonia	NH3N	2.7	2.6	2.5	2.5	1.000	
SB915-MW-112S	Bromide	24959-67-9	2.5	2.1	2.1	2.5	0.469	
SB915-MW-112S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.147	
SB915-MW-112S	Calcium	7440-70-2	1300.0	1330.0	1515.0	1500.0	0.232	
SB915-MW-112S	Chemical Oxygen Demand	COD	65.0	27.5	44.5	67.0	0.361	
SB915-MW-112S	Chloride	16887-00-6	3400.0	3275.0	3955.0	3800.0	0.239	
SB915-MW-112S	Hardness (as CaCO3)	HARD	3300.0	3400.0	3865.0	3900.0	0.290	
SB915-MW-112S	Iron	7439-89-6	0.5	0.2	1.2	0.5	0.451	
SB915-MW-112S	Kjeldahl Nitrogen	KN	3.1	3.3	3.1	2.6	0.915	
SB915-MW-112S	Lead	7439-92-1	0.1	0.0	0.1	0.0	0.212	
SB915-MW-112S	Magnesium	7439-95-4	0.6	1.9	5.2	5.3	0.995	
SB915-MW-112S	Manganese	7439-96-5	0.1	0.2	0.5	2.8	0.357	
SB915-MW-112S	Nitrate	14797-55-8	0.5	0.3	0.3	1.0	0.026	
SB915-MW-112S	Potassium	7440-09-7	72.0	75.7	81.5	89.0	0.109	
SB915-MW-112S	Sodium	7440-23-5	590.0	615.5	685.0	710.0	0.215	
SB915-MW-112S	Sulfate	14808-79-8	69.0	63.1	65.3	47.0	0.830	
SB915-MW-112S	Total Dissolved Oxygen	TDS	5700.0	6350.0	8160.0	8400.0	0.149	
SB915-MW-112S	Total Organic Carbon	TOC	2.7	2.9	2.3	2.1	0.214	
SB915-MW-112S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.590	
SB915-MW-113S	Alkalinity	ALK	200.0	280.0	145.0	185.0	0.420	
SB915-MW-113S	Ammonia	NH3N	2.4	2.5	2.6	2.8	0.679	
SB915-MW-113S	Bromide	24959-67-9	6.8	7.2	5.2	6.5	0.855	
SB915-MW-113S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.582	
SB915-MW-113S	Calcium	7440-70-2	3500.0	3370.0	3485.0	3600.0	0.993	
SB915-MW-113S	Chemical Oxygen Demand	COD	220.0	123.0	112.5	120.0	0.509	
SB915-MW-113S	Chloride	16887-00-6	11000.0	9850.0	9750.0	10500.0	0.507	
SB915-MW-113S	Hardness (as CaCO3)	HARD	10000.0	9100.0	9535.0	9150.0	0.948	
SB915-MW-113S	Iron	7439-89-6	19.0	17.0	17.6	21.5	0.134	
SB915-MW-113S	Kjeldahl Nitrogen	KN	2.7	3.0	3.3	3.7	0.752	
SB915-MW-113S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.581	
SB915-MW-113S	Magnesium	7439-95-4	100.0	96.0	92.5	101.0	0.144	
SB915-MW-113S	Manganese	7439-96-5	1.1	1.0	1.0	1.2	0.111	
SB915-MW-113S	Nitrate	14797-55-8	1.3	1.0	1.0	1.1	0.944	
SB915-MW-113S	Potassium	7440-09-7	55.0	55.0	58.0	54.0	0.586	
SB915-MW-113S	Sodium	7440-23-5	2700.0	2450.0	2385.0	2710.0	0.204	
SB915-MW-113S	Sulfate	14808-79-8	530.0	475.0	536.5	615.0	0.229	
SB915-MW-113S	Total Dissolved Oxygen	TDS	19000.0	20500.0	22100.0	21000.0	0.061	
SB915-MW-113S	Total Organic Carbon	TOC	1.6	2.1	1.8	1.6	0.406	
SB915-MW-113S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.727	

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SB915-MW-115BR	Alkalinity	ALK	140.0	132.5	140.0	130.0	0.734	
SB915-MW-115BR	Ammonia	NH3N	6.6	7.0	6.3	7.7	0.353	
SB915-MW-115BR	Bromide	24959-67-9	18.0	35.5	19.3	15.8	0.291	
SB915-MW-115BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.605	
SB915-MW-115BR	Calcium	7440-70-2	3700.0	3795.0	3550.0	3750.0	0.344	
SB915-MW-115BR	Chemical Oxygen Demand	COD	240.0	700.0	440.0	845.0	0.344	
SB915-MW-115BR	Chloride	16887-00-6	24000.0	26500.0	24000.0	24850.0	0.397	
SB915-MW-115BR	Hardness (as CaCO3)	HARD	11000.0	11000.0	11000.0	11000.0	0.432	
SB915-MW-115BR	Iron	7439-89-6	12.0	13.0	12.0	14.0	0.225	
SB915-MW-115BR	Kjeldahl Nitrogen	KN	3.4	6.9	6.5	7.0	0.515	
SB915-MW-115BR	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.845	
SB915-MW-115BR	Magnesium	7439-95-4	300.0	305.0	280.0	320.0	0.368	
SB915-MW-115BR	Manganese	7439-96-5	1.5	1.6	1.6	1.6	0.923	
SB915-MW-115BR	Nitrate	14797-55-8	2.5	2.5	1.3	2.5	0.260	
SB915-MW-115BR	Potassium	7440-09-7	170.0	184.0	165.0	190.0	0.344	
SB915-MW-115BR	Sodium	7440-23-5	11000.0	12000.0	10450.0	12000.0	0.229	
SB915-MW-115BR	Sulfate	14808-79-8	1300.0	1600.0	1400.0	1425.0	0.442	
SB915-MW-115BR	Total Dissolved Oxygen	TDS	40000.0	49000.0	42000.0	49000.0	0.035	
SB915-MW-115BR	Total Organic Carbon	TOC	0.5	0.4	0.4	0.5	0.304	
SB915-MW-115BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.796	
SB915-MW-116S	Alkalinity	ALK	260.0	250.0	343.5	361.0	0.009	Yes
SB915-MW-116S	Ammonia	NH3N	0.1	0.1	0.2	0.1	0.421	
SB915-MW-116S	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.575	
SB915-MW-116S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.314	
SB915-MW-116S	Calcium	7440-70-2	150.0	145.0	238.5	229.0	0.560	
SB915-MW-116S	Chemical Oxygen Demand	COD	5.0	9.0	12.7	22.5	0.248	
SB915-MW-116S	Chloride	16887-00-6	200.0	180.0	421.5	285.0	0.624	
SB915-MW-116S	Hardness (as CaCO3)	HARD	500.0	445.0	860.0	780.0	0.357	
SB915-MW-116S	Iron	7439-89-6	0.5	0.3	0.3	0.5	0.896	
SB915-MW-116S	Kjeldahl Nitrogen	KN	0.1	0.5	0.7	0.5	0.519	
SB915-MW-116S	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.411	
SB915-MW-116S	Magnesium	7439-95-4	25.0	24.5	41.4	37.5	0.700	
SB915-MW-116S	Manganese	7439-96-5	0.1	0.1	0.3	0.2	0.705	
SB915-MW-116S	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.930	
SB915-MW-116S	Potassium	7440-09-7	10.0	7.3	10.6	16.6	0.927	
SB915-MW-116S	Sodium	7440-23-5	73.0	56.5	127.0	99.5	0.690	
SB915-MW-116S	Sulfate	14808-79-8	98.0	88.5	155.5	138.0	0.152	
SB915-MW-116S	Total Dissolved Oxygen	TDS	710.0	655.0	1440.0	1195.0	0.268	
SB915-MW-116S	Total Organic Carbon	TOC	2.2	2.0	3.1	3.9	0.007	Yes
SB915-MW-116S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.660	
SB915-MW-117S	Alkalinity	ALK	140.0	155.0	150.0	140.0	0.982	
SB915-MW-117S	Ammonia	NH3N	0.2	0.2	0.2	0.2	0.938	
SB915-MW-117S	Bromide	24959-67-9	2.5	2.6	1.6	2.5	0.342	
SB915-MW-117S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.656	
SB915-MW-117S	Calcium	7440-70-2	1100.0	880.0	888.5	1005.0	0.801	
SB915-MW-117S	Chemical Oxygen Demand	COD	73.0	49.5	33.3	31.3	0.749	
SB915-MW-117S	Chloride	16887-00-6	4000.0	3600.0	3695.0	4150.0	0.745	
SB915-MW-117S	Hardness (as CaCO3)	HARD	3300.0	2900.0	3010.0	3850.0	0.672	
SB915-MW-117S	Iron	7439-89-6	3.8	4.9	7.1	9.8	0.786	
SB915-MW-117S	Kjeldahl Nitrogen	KN	0.7	0.7	0.6	0.7	0.892	
SB915-MW-117S	Lead	7439-92-1	0.0	0.1	0.1	0.1	0.318	
SB915-MW-117S	Magnesium	7439-95-4	180.0	150.0	151.5	170.0	0.815	
SB915-MW-117S	Manganese	7439-96-5	1.2	1.0	1.0	1.2	0.914	
SB915-MW-117S	Nitrate	14797-55-8	0.5	0.4	0.4	0.5	0.086	
SB915-MW-117S	Potassium	7440-09-7	8.6	10.4	10.9	12.9	0.900	
SB915-MW-117S	Sodium	7440-23-5	1500.0	1200.0	1150.0	1350.0	0.180	
SB915-MW-117S	Sulfate	14808-79-8	120.0	110.0	110.0	119.5	0.959	
SB915-MW-117S	Total Dissolved Oxygen	TDS	7100.0	7000.0	7950.0	8555.0	0.581	
SB915-MW-117S	Total Organic Carbon	TOC	0.3	0.5	0.5	0.5	0.136	
SB915-MW-117S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.818	
SB915-MW-118BR	Alkalinity	ALK	200.0	217.5	207.5	203.0	0.891	
SB915-MW-118BR	Ammonia	NH3N	5.6	5.7	5.8	5.4	0.701	

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SB915-MW-118BR	Bromide	24959-67-9	2.5	1.9	1.3	1.3	0.164	
SB915-MW-118BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.869	
SB915-MW-118BR	Calcium	7440-70-2	1200.0	1210.0	1235.0	1245.0	0.973	
SB915-MW-118BR	Chemical Oxygen Demand	COD	36.0	29.5	29.8	31.0	0.956	
SB915-MW-118BR	Chloride	16887-00-6	3000.0	2900.0	2850.0	2950.0	0.915	
SB915-MW-118BR	Hardness (as CaCO3)	HARD	3600.0	3350.0	3350.0	3350.0	0.708	
SB915-MW-118BR	Iron	7439-89-6	6.1	6.0	6.2	6.1	0.746	
SB915-MW-118BR	Kjeldahl Nitrogen	KN	5.8	5.6	5.5	5.6	0.684	
SB915-MW-118BR	Lead	7439-92-1	0.0	0.0	0.0	0.1	0.527	
SB915-MW-118BR	Magnesium	7439-95-4	46.0	47.5	49.0	48.0	0.477	
SB915-MW-118BR	Manganese	7439-96-5	0.4	0.4	0.4	0.4	0.969	
SB915-MW-118BR	Nitrate	14797-55-8	0.5	0.3	0.3	0.3	0.837	
SB915-MW-118BR	Potassium	7440-09-7	25.0	46.0	49.0	46.5	0.472	
SB915-MW-118BR	Sodium	7440-23-5	1000.0	1005.0	995.0	965.0	0.938	
SB915-MW-118BR	Sulfate	14808-79-8	1200.0	1175.0	1125.0	1100.0	0.854	
SB915-MW-118BR	Total Dissolved Oxygen	TDS	6600.0	7800.0	7810.0	7200.0	0.129	
SB915-MW-118BR	Total Organic Carbon	TOC	0.7	0.8	0.8	0.7	0.652	
SB915-MW-118BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.670	
SB915-MW-118S	Alkalinity	ALK	220.0	175.0	125.0	207.0	0.144	
SB915-MW-118S	Ammonia	NH3N	1.5	3.9	6.7	1.9	0.235	
SB915-MW-118S	Bromide	24959-67-9	4.0	5.4	5.1	1.5	0.393	
SB915-MW-118S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.735	
SB915-MW-118S	Calcium	7440-70-2	1600.0	2400.0	2900.0	1276.0	0.574	
SB915-MW-118S	Chemical Oxygen Demand	COD	61.0	165.0	130.0	55.5	0.407	
SB915-MW-118S	Chloride	16887-00-6	4400.0	8970.0	15200.0	4820.0	0.173	
SB915-MW-118S	Hardness (as CaCO3)	HARD	4800.0	7090.0	9100.0	4650.0	0.458	
SB915-MW-118S	Iron	7439-89-6	2.4	3.2	6.4	2.5	0.358	
SB915-MW-118S	Kjeldahl Nitrogen	KN	3.2	4.0	9.0	2.4	0.275	
SB915-MW-118S	Lead	7439-92-1	0.0	0.1	0.1	0.1	0.534	
SB915-MW-118S	Magnesium	7439-95-4	160.0	150.0	201.0	118.5	0.503	
SB915-MW-118S	Manganese	7439-96-5	0.9	1.9	2.6	1.0	0.474	
SB915-MW-118S	Nitrate	14797-55-8	0.5	0.6	0.9	0.5	0.519	
SB915-MW-118S	Potassium	7440-09-7	44.0	112.5	134.0	44.1	0.657	
SB915-MW-118S	Sodium	7440-23-5	1500.0	2445.0	3050.0	1249.5	0.511	
SB915-MW-118S	Sulfate	14808-79-8	73.0	56.5	77.7	110.0	0.073	
SB915-MW-118S	Total Dissolved Oxygen	TDS	7600.0	17050.0	27900.0	9535.0	0.091	
SB915-MW-118S	Total Organic Carbon	TOC	2.1	2.0	2.0	4.5	0.076	
SB915-MW-118S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.533	
SB915-MW-36D	Alkalinity	ALK	260.0	240.0	235.0	246.5	0.982	
SB915-MW-36D	Ammonia	NH3N	0.7	0.5	0.5	0.4	0.042	
SB915-MW-36D	Bromide	24959-67-9	1.3	1.3	0.9	1.3	0.325	
SB915-MW-36D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.381	
SB915-MW-36D	Calcium	7440-70-2	560.0	580.0	566.0	570.0	0.959	
SB915-MW-36D	Chemical Oxygen Demand	COD	29.0	8.8	44.0	18.5	0.175	
SB915-MW-36D	Chloride	16887-00-6	1700.0	1700.0	1630.0	1550.0	0.994	
SB915-MW-36D	Hardness (as CaCO3)	HARD	1800.0	1800.0	1800.0	1750.0	0.776	
SB915-MW-36D	Iron	7439-89-6	5.0	5.2	5.6	5.6	0.630	
SB915-MW-36D	Kjeldahl Nitrogen	KN	0.7	0.7	0.8	0.5	0.522	
SB915-MW-36D	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.632	
SB915-MW-36D	Magnesium	7439-95-4	86.0	86.0	85.5	84.5	0.344	
SB915-MW-36D	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.413	
SB915-MW-36D	Nitrate	14797-55-8	0.3	0.3	0.3	0.4	0.687	
SB915-MW-36D	Potassium	7440-09-7	10.0	11.0	18.5	10.4	0.485	
SB915-MW-36D	Sodium	7440-23-5	420.0	440.0	437.5	430.0	0.624	
SB915-MW-36D	Sulfate	14808-79-8	160.0	170.0	170.0	158.0	0.160	
SB915-MW-36D	Total Dissolved Oxygen	TDS	3400.0	4000.0	3750.0	3500.0	0.620	
SB915-MW-36D	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.939	
SB915-MW-36D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.667	
SB915-MW-36I	Alkalinity	ALK	1100.0	1200.0	1150.0	1100.0	0.665	
SB915-MW-36I	Ammonia	NH3N	4.4	2.9	6.6	8.1	0.022	
SB915-MW-36I	Bromide	24959-67-9	6.5	1.2	7.2	13.5	0.236	
SB915-MW-36I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.339	

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SB915-MW-36I	Calcium	7440-70-2	4600.0	1045.0	7300.0	9145.0	0.011	
SB915-MW-36I	Chemical Oxygen Demand	COD	440.0	63.0	235.0	195.0	0.581	
SB915-MW-36I	Chloride	16887-00-6	11000.0	1375.0	19500.0	26000.0	0.007	Yes
SB915-MW-36I	Hardness (as CaCO3)	HARD	12000.0	2650.0	17500.0	25000.0	0.012	
SB915-MW-36I	Iron	7439-89-6	0.5	0.2	0.5	0.5	0.304	
SB915-MW-36I	Kjeldahl Nitrogen	KN	2.9	5.9	7.4	9.9	0.355	
SB915-MW-36I	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.282	
SB915-MW-36I	Magnesium	7439-95-4	25.0	12.8	4.2	25.0	0.347	
SB915-MW-36I	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.327	
SB915-MW-36I	Nitrate	14797-55-8	1.3	0.4	1.9	2.5	0.116	
SB915-MW-36I	Potassium	7440-09-7	210.0	19.0	135.0	175.0	0.006	Yes
SB915-MW-36I	Sodium	7440-23-5	2600.0	269.0	4300.0	5890.0	0.007	Yes
SB915-MW-36I	Sulfate	14808-79-8	27.0	18.0	23.0	50.0	0.253	
SB915-MW-36I	Total Dissolved Oxygen	TDS	20000.0	3965.0	38000.0	49950.0	0.005	Yes
SB915-MW-36I	Total Organic Carbon	TOC	2.0	3.6	1.8	1.7	0.057	
SB915-MW-36I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.718	
SB915-MW-36S	Alkalinity	ALK	1550.0	1250.0	1200.0	1200.0	0.524	
SB915-MW-36S	Ammonia	NH3N	1.1	1.4	1.9	2.3	0.588	
SB915-MW-36S	Bromide	24959-67-9	1.3	0.6	1.3	2.5	0.060	
SB915-MW-36S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.632	
SB915-MW-36S	Calcium	7440-70-2	600.0	605.0	580.0	710.0	0.540	
SB915-MW-36S	Chemical Oxygen Demand	COD	29.0	20.8	21.0	17.0	0.608	
SB915-MW-36S	Chloride	16887-00-6	62.0	151.0	390.0	540.0	0.641	
SB915-MW-36S	Hardness (as CaCO3)	HARD	1500.0	1500.0	1700.0	1600.0	0.886	
SB915-MW-36S	Iron	7439-89-6	0.5	0.4	0.5	0.5	0.608	
SB915-MW-36S	Kjeldahl Nitrogen	KN	2.3	2.4	2.9	2.4	0.892	
SB915-MW-36S	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.563	
SB915-MW-36S	Magnesium	7439-95-4	25.0	13.8	25.0	25.0	0.631	
SB915-MW-36S	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.629	
SB915-MW-36S	Nitrate	14797-55-8	0.2	0.1	0.3	0.5	0.670	
SB915-MW-36S	Potassium	7440-09-7	16.3	8.5	7.1	8.2	0.619	
SB915-MW-36S	Sodium	7440-23-5	59.5	25.0	79.0	83.0	0.682	
SB915-MW-36S	Sulfate	14808-79-8	10.1	11.8	19.0	13.0	0.520	
SB915-MW-36S	Total Dissolved Oxygen	TDS	1450.0	1510.0	2100.0	2100.0	0.571	
SB915-MW-36S	Total Organic Carbon	TOC	7.2	5.2	4.4	4.1	0.390	
SB915-MW-36S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.865	
SB915-MW-40S	Alkalinity	ALK	NA	1700.0	NA	NA	NA	NA
SB915-MW-40S	Ammonia	NH3N	NA	0.7	NA	NA	NA	NA
SB915-MW-40S	Bromide	24959-67-9	NA	2.1	NA	NA	NA	NA
SB915-MW-40S	Cadmium	7440-43-9	NA	0.0	NA	NA	NA	NA
SB915-MW-40S	Calcium	7440-70-2	NA	1700.0	NA	NA	NA	NA
SB915-MW-40S	Chemical Oxygen Demand	COD	NA	5.0	NA	NA	NA	NA
SB915-MW-40S	Chloride	16887-00-6	NA	2700.0	NA	NA	NA	NA
SB915-MW-40S	Hardness (as CaCO3)	HARD	NA	4800.0	NA	NA	NA	NA
SB915-MW-40S	Iron	7439-89-6	NA	0.2	NA	NA	NA	NA
SB915-MW-40S	Kjeldahl Nitrogen	KN	NA	0.7	NA	NA	NA	NA
SB915-MW-40S	Lead	7439-92-1	NA	0.0	NA	NA	NA	NA
SB915-MW-40S	Magnesium	7439-95-4	NA	0.4	NA	NA	NA	NA
SB915-MW-40S	Manganese	7439-96-5	NA	0.0	NA	NA	NA	NA
SB915-MW-40S	Nitrate	14797-55-8	NA	0.3	NA	NA	NA	NA
SB915-MW-40S	Potassium	7440-09-7	NA	45.0	NA	NA	NA	NA
SB915-MW-40S	Sodium	7440-23-5	NA	230.0	NA	NA	NA	NA
SB915-MW-40S	Sulfate	14808-79-8	NA	8.2	NA	NA	NA	NA
SB915-MW-40S	Total Dissolved Oxygen	TDS	NA	7200.0	NA	NA	NA	NA
SB915-MW-40S	Total Organic Carbon	TOC	NA	0.9	NA	NA	NA	NA
SB915-MW-40S	Total Recoverable Phenolics	TOTREC-PHN	NA	0.0	NA	NA	NA	NA
SB915-MW-42D	Alkalinity	ALK	24.0	24.0	25.5	28.0	0.896	
SB915-MW-42D	Ammonia	NH3N	14.0	15.5	15.0	15.0	0.673	
SB915-MW-42D	Bromide	24959-67-9	28.0	15.5	21.0	23.5	0.108	
SB915-MW-42D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.207	
SB915-MW-42D	Calcium	7440-70-2	16000.0	15200.0	15000.0	16000.0	0.241	
SB915-MW-42D	Chemical Oxygen Demand	COD	610.0	635.0	815.0	440.0	0.838	

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SB915-MW-42D	Chloride	16887-00-6	46000.0	46000.0	45000.0	45900.0	0.872	
SB915-MW-42D	Hardness (as CaCO3)	HARD	40000.0	41000.0	40000.0	40500.0	0.512	
SB915-MW-42D	Iron	7439-89-6	120.0	118.5	119.5	118.5	0.637	
SB915-MW-42D	Kjeldahl Nitrogen	KN	14.0	13.0	15.1	14.0	0.649	
SB915-MW-42D	Lead	7439-92-1	0.3	0.1	0.3	0.3	0.273	
SB915-MW-42D	Magnesium	7439-95-4	200.0	191.0	200.0	196.5	0.790	
SB915-MW-42D	Manganese	7439-96-5	3.8	3.4	3.7	3.7	0.760	
SB915-MW-42D	Nitrate	14797-55-8	5.0	5.0	3.8	5.0	0.216	
SB915-MW-42D	Potassium	7440-09-7	180.0	192.5	170.0	190.0	0.437	
SB915-MW-42D	Sodium	7440-23-5	11000.0	11000.0	11000.0	11700.0	0.116	
SB915-MW-42D	Sulfate	14808-79-8	220.0	230.0	175.0	195.0	0.393	
SB915-MW-42D	Total Dissolved Oxygen	TDS	77000.0	84000.0	110000.0	80300.0	0.000	Yes
SB915-MW-42D	Total Organic Carbon	TOC	1.5	1.3	1.4	1.5	0.999	
SB915-MW-42D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.1	0.0	0.620	
SB915-MW-42I	Alkalinity	ALK	1900.0	1800.0	1790.0	2200.0	0.648	
SB915-MW-42I	Ammonia	NH3N	12.0	10.0	11.0	12.0	0.601	
SB915-MW-42I	Bromide	24959-67-9	25.0	17.5	17.5	25.0	0.255	
SB915-MW-42I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.016	
SB915-MW-42I	Calcium	7440-70-2	17000.0	16000.0	15000.0	16500.0	0.111	
SB915-MW-42I	Chemical Oxygen Demand	COD	400.0	665.0	580.0	910.0	0.804	
SB915-MW-42I	Chloride	16887-00-6	44000.0	43150.0	42000.0	45000.0	0.623	
SB915-MW-42I	Hardness (as CaCO3)	HARD	41000.0	41050.0	39000.0	39000.0	0.358	
SB915-MW-42I	Iron	7439-89-6	0.5	0.2	0.5	0.5	0.128	
SB915-MW-42I	Kjeldahl Nitrogen	KN	6.9	8.8	11.5	13.0	0.460	
SB915-MW-42I	Lead	7439-92-1	0.3	0.1	0.3	0.3	0.417	
SB915-MW-42I	Magnesium	7439-95-4	1.1	3.8	14.0	25.0	0.868	
SB915-MW-42I	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.791	
SB915-MW-42I	Nitrate	14797-55-8	5.0	3.8	5.0	5.0	0.481	
SB915-MW-42I	Potassium	7440-09-7	400.0	400.0	390.0	421.0	0.452	
SB915-MW-42I	Sodium	7440-23-5	12000.0	10000.0	9800.0	11800.0	0.037	
SB915-MW-42I	Sulfate	14808-79-8	97.0	64.0	50.0	50.0	0.354	
SB915-MW-42I	Total Dissolved Oxygen	TDS	76000.0	78450.0	97500.0	79000.0	0.002	Yes
SB915-MW-42I	Total Organic Carbon	TOC	3.3	3.5	3.4	3.5	0.936	
SB915-MW-42I	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.1	0.1	0.1	0.268	
SB915-MW-42S	Alkalinity	ALK	965.0	750.0	610.0	NA	0.019	
SB915-MW-42S	Ammonia	NH3N	3.4	3.7	3.0	NA	0.932	
SB915-MW-42S	Bromide	24959-67-9	5.7	12.0	6.4	NA	0.540	
SB915-MW-42S	Cadmium	7440-43-9	0.0	0.0	0.0	NA	0.670	
SB915-MW-42S	Calcium	7440-70-2	5000.0	6280.0	5100.0	NA	0.407	
SB915-MW-42S	Chemical Oxygen Demand	COD	270.0	330.0	310.0	NA	0.805	
SB915-MW-42S	Chloride	16887-00-6	14000.0	16600.0	14000.0	NA	0.232	
SB915-MW-42S	Hardness (as CaCO3)	HARD	14000.0	17000.0	14000.0	NA	0.406	
SB915-MW-42S	Iron	7439-89-6	0.2	0.5	0.5	NA	0.742	
SB915-MW-42S	Kjeldahl Nitrogen	KN	3.5	4.7	3.4	NA	0.517	
SB915-MW-42S	Lead	7439-92-1	0.0	0.0	0.1	NA	0.712	
SB915-MW-42S	Magnesium	7439-95-4	0.3	6.2	25.0	NA	0.237	
SB915-MW-42S	Manganese	7439-96-5	0.0	0.1	0.1	NA	0.746	
SB915-MW-42S	Nitrate	14797-55-8	1.3	1.3	1.3	NA	0.835	
SB915-MW-42S	Potassium	7440-09-7	215.0	273.0	210.0	NA	0.427	
SB915-MW-42S	Sodium	7440-23-5	2850.0	3750.0	2800.0	NA	0.361	
SB915-MW-42S	Sulfate	14808-79-8	20.3	25.0	12.5	NA	0.798	
SB915-MW-42S	Total Dissolved Oxygen	TDS	24500.0	34700.0	30000.0	NA	0.087	
SB915-MW-42S	Total Organic Carbon	TOC	0.9	1.5	1.0	NA	0.552	
SB915-MW-42S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	NA	0.599	
SB915-MW-43S	Alkalinity	ALK	935.0	1026.5	1140.0	NA	0.423	
SB915-MW-43S	Ammonia	NH3N	0.6	0.7	0.7	NA	0.616	
SB915-MW-43S	Bromide	24959-67-9	1.8	1.5	1.8	NA	0.680	
SB915-MW-43S	Cadmium	7440-43-9	0.0	0.0	0.0	NA	0.573	
SB915-MW-43S	Calcium	7440-70-2	850.0	972.0	1045.0	NA	0.213	
SB915-MW-43S	Chemical Oxygen Demand	COD	15.5	17.5	19.1	NA	0.685	
SB915-MW-43S	Chloride	16887-00-6	1150.0	1310.0	1350.0	NA	0.492	
SB915-MW-43S	Hardness (as CaCO3)	HARD	2150.0	2575.0	2700.0	NA	0.070	

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SB915-MW-43S	Iron	7439-89-6	0.4	0.2	0.5	NA	0.301	
SB915-MW-43S	Kjeldahl Nitrogen	KN	1.2	1.2	NA	NA	0.579	
SB915-MW-43S	Lead	7439-92-1	0.0	0.0	0.1	NA	0.299	
SB915-MW-43S	Magnesium	7439-95-4	12.7	2.7	25.0	NA	0.329	
SB915-MW-43S	Manganese	7439-96-5	0.0	0.0	0.1	NA	0.125	
SB915-MW-43S	Nitrate	14797-55-8	0.2	0.2	0.3	NA	0.850	
SB915-MW-43S	Potassium	7440-09-7	23.0	22.2	23.5	NA	0.983	
SB915-MW-43S	Sodium	7440-23-5	100.0	88.2	93.5	NA	0.494	
SB915-MW-43S	Sulfate	14808-79-8	5.3	6.2	5.4	NA	0.907	
SB915-MW-43S	Total Dissolved Oxygen	TDS	2800.0	4030.0	4450.0	NA	0.127	
SB915-MW-43S	Total Organic Carbon	TOC	2.0	1.9	1.5	NA	0.197	
SB915-MW-43S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	NA	0.714	
SB915-MW-53D	Alkalinity	ALK	230.0	222.0	225.0	235.0	0.703	
SB915-MW-53D	Ammonia	NH3N	0.9	1.0	0.9	0.9	0.748	
SB915-MW-53D	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.348	
SB915-MW-53D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.291	
SB915-MW-53D	Calcium	7440-70-2	250.0	227.0	220.0	250.0	0.278	
SB915-MW-53D	Chemical Oxygen Demand	COD	5.0	6.4	5.0	6.0	0.958	
SB915-MW-53D	Chloride	16887-00-6	440.0	422.5	397.5	399.0	0.858	
SB915-MW-53D	Hardness (as CaCO3)	HARD	710.0	730.0	685.0	730.0	0.282	
SB915-MW-53D	Iron	7439-89-6	1.1	1.1	1.4	1.2	0.490	
SB915-MW-53D	Kjeldahl Nitrogen	KN	1.1	1.0	1.1	1.3	0.770	
SB915-MW-53D	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.293	
SB915-MW-53D	Magnesium	7439-95-4	25.0	25.0	25.0	26.8	0.317	
SB915-MW-53D	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.323	
SB915-MW-53D	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.815	
SB915-MW-53D	Potassium	7440-09-7	10.0	8.8	9.7	18.7	0.346	
SB915-MW-53D	Sodium	7440-23-5	140.0	117.5	127.0	131.5	0.378	
SB915-MW-53D	Sulfate	14808-79-8	190.0	190.0	193.5	190.0	0.844	
SB915-MW-53D	Total Dissolved Oxygen	TDS	1200.0	1300.0	1300.0	1210.0	0.985	
SB915-MW-53D	Total Organic Carbon	TOC	0.6	0.7	0.7	0.5	0.272	
SB915-MW-53D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.388	
SB915-MW-53I	Alkalinity	ALK	1600.0	1850.0	1800.0	2000.0	0.974	
SB915-MW-53I	Ammonia	NH3N	14.0	16.0	15.0	15.0	0.394	
SB915-MW-53I	Bromide	24959-67-9	37.0	26.5	23.7	25.0	0.348	
SB915-MW-53I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.339	
SB915-MW-53I	Calcium	7440-70-2	19000.0	20000.0	19000.0	20000.0	0.737	
SB915-MW-53I	Chemical Oxygen Demand	COD	850.0	705.0	1050.0	680.0	0.560	
SB915-MW-53I	Chloride	16887-00-6	61000.0	56500.0	56000.0	57000.0	0.184	
SB915-MW-53I	Hardness (as CaCO3)	HARD	51000.0	51000.0	51000.0	51000.0	0.437	
SB915-MW-53I	Iron	7439-89-6	0.2	0.4	0.5	0.5	0.271	
SB915-MW-53I	Kjeldahl Nitrogen	KN	17.0	17.3	16.2	19.0	0.871	
SB915-MW-53I	Lead	7439-92-1	0.3	0.1	0.3	0.3	0.621	
SB915-MW-53I	Magnesium	7439-95-4	0.4	1.5	13.8	25.0	0.569	
SB915-MW-53I	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.380	
SB915-MW-53I	Nitrate	14797-55-8	5.0	5.0	4.1	5.0	0.427	
SB915-MW-53I	Potassium	7440-09-7	490.0	485.5	495.0	530.0	0.751	
SB915-MW-53I	Sodium	7440-23-5	13000.0	13000.0	13000.0	13000.0	0.580	
SB915-MW-53I	Sulfate	14808-79-8	130.0	72.5	48.9	50.0	0.249	
SB915-MW-53I	Total Dissolved Oxygen	TDS	97000.0	115000.0	130000.0	99000.0	0.010	Yes
SB915-MW-53I	Total Organic Carbon	TOC	8.3	7.8	8.1	7.6	0.970	
SB915-MW-53I	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.2	0.3	0.472	
SB915-MW-53S	Alkalinity	ALK	1250.0	1100.0	800.0	NA	0.156	
SB915-MW-53S	Ammonia	NH3N	0.9	1.1	1.1	NA	0.580	
SB915-MW-53S	Bromide	24959-67-9	1.7	1.6	1.9	NA	0.900	
SB915-MW-53S	Cadmium	7440-43-9	0.0	0.0	0.0	NA	0.833	
SB915-MW-53S	Calcium	7440-70-2	1200.0	1150.0	1200.0	NA	0.625	
SB915-MW-53S	Chemical Oxygen Demand	COD	21.5	32.0	18.0	NA	0.553	
SB915-MW-53S	Chloride	16887-00-6	1800.0	1900.0	1900.0	NA	0.625	
SB915-MW-53S	Hardness (as CaCO3)	HARD	2950.0	9050.0	3200.0	NA	0.620	
SB915-MW-53S	Iron	7439-89-6	0.4	0.4	1.1	NA	0.163	
SB915-MW-53S	Kjeldahl Nitrogen	KN	1.4	3.1	1.4	NA	0.768	

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SB915-MW-53S	Lead	7439-92-1	0.0	0.0	0.1	NA	0.833	
SB915-MW-53S	Magnesium	7439-95-4	12.7	12.7	25.0	NA	0.833	
SB915-MW-53S	Manganese	7439-96-5	0.0	0.0	0.1	NA	0.833	
SB915-MW-53S	Nitrate	14797-55-8	0.2	0.1	0.3	NA	0.033	
SB915-MW-53S	Potassium	7440-09-7	59.5	58.5	60.0	NA	0.954	
SB915-MW-53S	Sodium	7440-23-5	275.0	270.0	280.0	NA	0.903	
SB915-MW-53S	Sulfate	14808-79-8	8.1	6.0	5.3	NA	0.083	
SB915-MW-53S	Total Dissolved Oxygen	TDS	4450.0	5850.0	6000.0	NA	0.204	
SB915-MW-53S	Total Organic Carbon	TOC	2.3	1.4	2.5	NA	0.145	
SB915-MW-53S	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.0	0.0	NA	0.757	
SB915-MW-59S	Alkalinity	ALK	64.0	71.0	56.5	61.5	0.354	
SB915-MW-59S	Ammonia	NH3N	11.0	10.0	9.4	11.5	0.090	
SB915-MW-59S	Bromide	24959-67-9	8.3	5.5	3.6	5.4	0.029	
SB915-MW-59S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.140	
SB915-MW-59S	Calcium	7440-70-2	2700.0	2700.0	2785.0	2430.0	0.245	
SB915-MW-59S	Chemical Oxygen Demand	COD	79.0	96.0	81.5	145.0	0.969	
SB915-MW-59S	Chloride	16887-00-6	8500.0	9045.0	8805.0	7900.0	0.025	
SB915-MW-59S	Hardness (as CaCO3)	HARD	7600.0	8050.0	7600.0	7100.0	0.060	
SB915-MW-59S	Iron	7439-89-6	12.0	12.5	13.3	10.6	0.053	
SB915-MW-59S	Kjeldahl Nitrogen	KN	10.0	9.7	8.5	12.0	0.477	
SB915-MW-59S	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.284	
SB915-MW-59S	Magnesium	7439-95-4	190.0	145.0	162.0	175.0	0.056	
SB915-MW-59S	Manganese	7439-96-5	0.7	0.7	0.7	0.7	0.630	
SB915-MW-59S	Nitrate	14797-55-8	1.3	0.7	0.7	0.5	0.755	
SB915-MW-59S	Potassium	7440-09-7	96.0	104.5	110.0	94.0	0.216	
SB915-MW-59S	Sodium	7440-23-5	2000.0	1850.0	1975.0	1750.0	0.413	
SB915-MW-59S	Sulfate	14808-79-8	80.0	68.0	77.0	90.7	0.012	
SB915-MW-59S	Total Dissolved Oxygen	TDS	14000.0	18150.0	19000.0	15500.0	0.039	
SB915-MW-59S	Total Organic Carbon	TOC	0.6	1.1	0.7	0.6	0.118	
SB915-MW-59S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.993	
SB915-MW-60S	Alkalinity	ALK	250.0	225.0	239.5	260.0	0.658	
SB915-MW-60S	Ammonia	NH3N	5.0	5.1	4.6	4.6	0.236	
SB915-MW-60S	Bromide	24959-67-9	5.2	2.4	1.8	2.3	0.010	
SB915-MW-60S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.060	
SB915-MW-60S	Calcium	7440-70-2	1500.0	1420.0	1535.0	1400.0	0.467	
SB915-MW-60S	Chemical Oxygen Demand	COD	71.0	71.5	66.0	58.5	0.582	
SB915-MW-60S	Chloride	16887-00-6	4200.0	4050.0	4400.0	4100.0	0.632	
SB915-MW-60S	Hardness (as CaCO3)	HARD	3900.0	3950.0	4180.0	3700.0	0.969	
SB915-MW-60S	Iron	7439-89-6	29.0	27.5	31.3	25.0	0.194	
SB915-MW-60S	Kjeldahl Nitrogen	KN	4.9	4.8	5.1	5.3	0.851	
SB915-MW-60S	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.117	
SB915-MW-60S	Magnesium	7439-95-4	48.0	42.5	47.5	45.0	0.498	
SB915-MW-60S	Manganese	7439-96-5	1.2	1.2	1.3	1.0	0.450	
SB915-MW-60S	Nitrate	14797-55-8	0.5	0.5	0.5	0.5	0.885	
SB915-MW-60S	Potassium	7440-09-7	47.0	38.0	41.0	39.5	0.416	
SB915-MW-60S	Sodium	7440-23-5	1000.0	905.0	956.0	860.0	0.400	
SB915-MW-60S	Sulfate	14808-79-8	10.0	11.5	5.6	3.8	0.520	
SB915-MW-60S	Total Dissolved Oxygen	TDS	7400.0	8600.0	9075.0	7700.0	0.037	
SB915-MW-60S	Total Organic Carbon	TOC	2.2	2.4	2.4	2.2	0.753	
SB915-MW-60S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.613	
SB915-MW-70D	Alkalinity	ALK	36.0	33.3	25.4	26.0	0.324	
SB915-MW-70D	Ammonia	NH3N	15.0	17.7	17.5	8.3	0.012	
SB915-MW-70D	Bromide	24959-67-9	31.0	26.0	15.7	19.5	0.035	
SB915-MW-70D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.145	
SB915-MW-70D	Calcium	7440-70-2	13000.0	14500.0	14000.0	13900.0	0.149	
SB915-MW-70D	Chemical Oxygen Demand	COD	810.0	590.0	665.0	365.0	0.877	
SB915-MW-70D	Chloride	16887-00-6	42000.0	46000.0	45000.0	37950.0	0.050	
SB915-MW-70D	Hardness (as CaCO3)	HARD	37000.0	39500.0	38000.0	35000.0	0.046	
SB915-MW-70D	Iron	7439-89-6	70.0	76.4	76.0	75.1	0.908	
SB915-MW-70D	Kjeldahl Nitrogen	KN	16.0	16.5	16.8	16.4	0.353	
SB915-MW-70D	Lead	7439-92-1	0.1	0.1	0.2	0.2	0.719	
SB915-MW-70D	Magnesium	7439-95-4	170.0	160.0	165.0	170.0	0.533	

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SB915-MW-70D	Manganese	7439-96-5	2.3	2.5	2.4	2.5	0.896	
SB915-MW-70D	Nitrate	14797-55-8	5.0	3.6	3.8	3.8	0.647	
SB915-MW-70D	Potassium	7440-09-7	180.0	200.0	190.0	190.0	0.518	
SB915-MW-70D	Sodium	7440-23-5	9000.0	9750.0	9480.0	9430.0	0.104	
SB915-MW-70D	Sulfate	14808-79-8	76.0	81.5	58.5	38.5	0.683	
SB915-MW-70D	Total Dissolved Oxygen	TDS	65000.0	85250.0	94000.0	75500.0	0.001	Yes
SB915-MW-70D	Total Organic Carbon	TOC	1.1	1.3	1.2	1.1	0.729	
SB915-MW-70D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.807	
SB915-MW-70S	Alkalinity	ALK	90.0	94.0	89.0	88.5	0.951	
SB915-MW-70S	Ammonia	NH3N	5.5	9.2	6.8	4.7	0.032	
SB915-MW-70S	Bromide	24959-67-9	6.5	5.7	4.9	2.7	0.003	Yes
SB915-MW-70S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.140	
SB915-MW-70S	Calcium	7440-70-2	2900.0	3150.0	2550.0	2315.0	0.000	Yes
SB915-MW-70S	Chemical Oxygen Demand	COD	130.0	370.0	99.0	63.8	0.235	
SB915-MW-70S	Chloride	16887-00-6	7900.0	9950.0	7850.0	6650.0	0.000	Yes
SB915-MW-70S	Hardness (as CaCO3)	HARD	7900.0	8850.0	7200.0	6350.0	0.000	Yes
SB915-MW-70S	Iron	7439-89-6	22.0	25.0	20.7	18.1	0.020	
SB915-MW-70S	Kjeldahl Nitrogen	KN	6.2	12.3	6.2	5.3	0.011	
SB915-MW-70S	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.215	
SB915-MW-70S	Magnesium	7439-95-4	96.0	93.2	88.5	109.0	0.533	
SB915-MW-70S	Manganese	7439-96-5	0.6	0.8	0.7	0.5	0.008	Yes
SB915-MW-70S	Nitrate	14797-55-8	1.3	1.3	0.5	0.5	0.119	
SB915-MW-70S	Potassium	7440-09-7	85.0	112.5	86.9	79.0	0.001	Yes
SB915-MW-70S	Sodium	7440-23-5	1900.0	2290.0	1595.0	1485.0	0.001	Yes
SB915-MW-70S	Sulfate	14808-79-8	76.0	66.0	93.5	165.0	0.000	Yes
SB915-MW-70S	Total Dissolved Oxygen	TDS	15000.0	20500.0	17000.0	13000.0	0.000	Yes
SB915-MW-70S	Total Organic Carbon	TOC	1.0	1.0	1.0	1.1	0.971	
SB915-MW-70S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.995	
SB915-MW-85D	Alkalinity	ALK	14.0	11.6	11.5	20.0	0.075	
SB915-MW-85D	Ammonia	NH3N	21.0	21.0	19.0	20.5	0.342	
SB915-MW-85D	Bromide	24959-67-9	25.0	31.0	22.5	38.5	0.713	
SB915-MW-85D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.137	
SB915-MW-85D	Calcium	7440-70-2	17000.0	17150.0	16500.0	17000.0	0.451	
SB915-MW-85D	Chemical Oxygen Demand	COD	610.0	475.0	665.0	555.0	0.511	
SB915-MW-85D	Chloride	16887-00-6	50000.0	53000.0	50500.0	49500.0	0.075	
SB915-MW-85D	Hardness (as CaCO3)	HARD	45000.0	45500.0	45000.0	45000.0	0.388	
SB915-MW-85D	Iron	7439-89-6	100.0	93.5	97.0	97.0	0.359	
SB915-MW-85D	Kjeldahl Nitrogen	KN	21.0	20.5	17.6	21.5	0.532	
SB915-MW-85D	Lead	7439-92-1	0.1	0.2	0.3	0.3	0.805	
SB915-MW-85D	Magnesium	7439-95-4	150.0	147.0	142.5	148.0	0.592	
SB915-MW-85D	Manganese	7439-96-5	2.9	3.0	3.0	3.0	0.782	
SB915-MW-85D	Nitrate	14797-55-8	5.0	5.0	4.3	5.0	0.351	
SB915-MW-85D	Potassium	7440-09-7	210.0	215.0	215.0	210.0	0.613	
SB915-MW-85D	Sodium	7440-23-5	12000.0	11200.0	11000.0	11500.0	0.440	
SB915-MW-85D	Sulfate	14808-79-8	50.0	75.0	79.5	50.0	0.535	
SB915-MW-85D	Total Dissolved Oxygen	TDS	84000.0	98550.0	105000.0	97000.0	0.071	
SB915-MW-85D	Total Organic Carbon	TOC	1.3	1.1	1.2	1.4	0.928	
SB915-MW-85D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.656	
SB915-MW-87BR	Alkalinity	ALK	56.0	52.8	51.4	57.1	0.541	
SB915-MW-87BR	Ammonia	NH3N	22.0	22.7	21.5	23.0	0.791	
SB915-MW-87BR	Bromide	24959-67-9	130.0	140.5	130.0	139.0	0.849	
SB915-MW-87BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.792	
SB915-MW-87BR	Calcium	7440-70-2	9670.0	10000.0	9810.0	9785.0	0.964	
SB915-MW-87BR	Chemical Oxygen Demand	COD	430.0	415.0	415.0	535.0	0.860	
SB915-MW-87BR	Chloride	16887-00-6	34000.0	36400.0	37000.0	35950.0	0.177	
SB915-MW-87BR	Hardness (as CaCO3)	HARD	30000.0	29350.0	29100.0	30000.0	0.507	
SB915-MW-87BR	Iron	7439-89-6	5.4	5.8	5.5	5.7	0.818	
SB915-MW-87BR	Kjeldahl Nitrogen	KN	8.9	20.4	19.1	20.6	0.403	
SB915-MW-87BR	Lead	7439-92-1	0.1	0.2	0.2	0.2	0.977	
SB915-MW-87BR	Magnesium	7439-95-4	870.0	930.0	920.0	900.0	0.964	
SB915-MW-87BR	Manganese	7439-96-5	6.2	6.4	6.5	7.0	0.802	
SB915-MW-87BR	Nitrate	14797-55-8	2.5	2.5	2.5	4.2	0.062	

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SB915-MW-87BR	Potassium	7440-09-7	470.0	470.0	481.5	484.0	0.971	
SB915-MW-87BR	Sodium	7440-23-5	9990.0	9750.0	9300.0	9700.0	0.660	
SB915-MW-87BR	Sulfate	14808-79-8	990.0	1000.0	1025.0	1035.0	0.160	
SB915-MW-87BR	Total Dissolved Oxygen	TDS	65000.0	73000.0	74950.0	66000.0	0.017	
SB915-MW-87BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.493	
SB915-MW-87BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.988	
SB915-MW-87I	Alkalinity	ALK	210.0	201.5	219.0	218.5	0.920	
SB915-MW-87I	Ammonia	NH3N	1.3	1.4	1.3	1.2	0.312	
SB915-MW-87I	Bromide	24959-67-9	0.7	0.7	0.7	0.7	0.525	
SB915-MW-87I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.334	
SB915-MW-87I	Calcium	7440-70-2	300.0	330.0	305.0	305.0	0.435	
SB915-MW-87I	Chemical Oxygen Demand	COD	5.0	7.6	8.1	8.5	0.564	
SB915-MW-87I	Chloride	16887-00-6	900.0	1020.0	940.0	905.0	0.813	
SB915-MW-87I	Hardness (as CaCO3)	HARD	1000.0	1050.0	1000.0	1015.0	0.661	
SB915-MW-87I	Iron	7439-89-6	1.1	1.1	1.0	1.1	0.504	
SB915-MW-87I	Kjeldahl Nitrogen	KN	1.3	1.4	1.4	1.4	0.552	
SB915-MW-87I	Lead	7439-92-1	0.1	0.1	0.0	0.1	0.323	
SB915-MW-87I	Magnesium	7439-95-4	57.0	61.0	58.0	61.7	0.477	
SB915-MW-87I	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.124	
SB915-MW-87I	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.951	
SB915-MW-87I	Potassium	7440-09-7	12.0	12.1	12.3	12.0	0.789	
SB915-MW-87I	Sodium	7440-23-5	340.0	369.0	335.0	345.0	0.649	
SB915-MW-87I	Sulfate	14808-79-8	240.0	244.0	240.0	245.5	0.748	
SB915-MW-87I	Total Dissolved Oxygen	TDS	2300.0	2440.0	2500.0	2200.0	0.173	
SB915-MW-87I	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.770	
SB915-MW-87I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.619	
SB915-MW-87S	Alkalinity	ALK	230.0	181.5	209.5	238.0	0.419	
SB915-MW-87S	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.901	
SB915-MW-87S	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.804	
SB915-MW-87S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.815	
SB915-MW-87S	Calcium	7440-70-2	104.0	111.5	120.0	117.0	0.576	
SB915-MW-87S	Chemical Oxygen Demand	COD	5.0	5.0	9.5	5.2	0.557	
SB915-MW-87S	Chloride	16887-00-6	140.0	148.0	82.8	99.5	0.015	
SB915-MW-87S	Hardness (as CaCO3)	HARD	380.0	331.5	405.0	402.0	0.447	
SB915-MW-87S	Iron	7439-89-6	0.4	0.5	0.5	0.4	0.758	
SB915-MW-87S	Kjeldahl Nitrogen	KN	0.2	0.2	0.2	0.3	0.692	
SB915-MW-87S	Lead	7439-92-1	0.1	0.1	0.0	0.1	0.727	
SB915-MW-87S	Magnesium	7439-95-4	20.0	18.8	21.5	21.8	0.518	
SB915-MW-87S	Manganese	7439-96-5	0.1	0.1	0.0	0.1	0.362	
SB915-MW-87S	Nitrate	14797-55-8	1.0	0.7	1.0	1.0	0.300	
SB915-MW-87S	Potassium	7440-09-7	6.5	6.7	7.0	5.4	0.897	
SB915-MW-87S	Sodium	7440-23-5	47.0	53.0	46.9	48.2	0.407	
SB915-MW-87S	Sulfate	14808-79-8	64.3	46.0	133.5	155.0	0.006	Yes
SB915-MW-87S	Total Dissolved Oxygen	TDS	531.0	563.0	554.0	597.5	0.909	
SB915-MW-87S	Total Organic Carbon	TOC	2.3	2.3	1.3	1.0	0.112	
SB915-MW-87S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.585	
SB915-MW-88BR	Alkalinity	ALK	68.0	58.8	63.3	67.9	0.412	
SB915-MW-88BR	Ammonia	NH3N	19.0	19.8	19.9	18.5	0.554	
SB915-MW-88BR	Bromide	24959-67-9	85.0	91.0	86.1	89.1	0.140	
SB915-MW-88BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.931	
SB915-MW-88BR	Calcium	7440-70-2	9000.0	8920.0	8500.0	9100.0	0.197	
SB915-MW-88BR	Chemical Oxygen Demand	COD	300.0	555.0	475.0	430.0	0.741	
SB915-MW-88BR	Chloride	16887-00-6	30000.0	30000.0	31250.0	29750.0	0.116	
SB915-MW-88BR	Hardness (as CaCO3)	HARD	26000.0	26000.0	25500.0	25000.0	0.231	
SB915-MW-88BR	Iron	7439-89-6	10.0	9.9	10.0	9.9	0.996	
SB915-MW-88BR	Kjeldahl Nitrogen	KN	8.7	18.1	19.0	21.0	0.397	
SB915-MW-88BR	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.437	
SB915-MW-88BR	Magnesium	7439-95-4	690.0	700.0	700.0	675.0	0.756	
SB915-MW-88BR	Manganese	7439-96-5	5.8	6.0	5.9	5.8	0.958	
SB915-MW-88BR	Nitrate	14797-55-8	2.5	2.5	2.5	2.5	0.672	
SB915-MW-88BR	Potassium	7440-09-7	443.0	450.0	440.0	484.5	0.382	
SB915-MW-88BR	Sodium	7440-23-5	7700.0	7650.0	7300.0	7695.0	0.182	

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SB915-MW-88BR	Sulfate	14808-79-8	980.0	1050.0	1020.0	1050.0	0.037	
SB915-MW-88BR	Total Dissolved Oxygen	TDS	51000.0	60000.0	66950.0	55500.0	0.001	Yes
SB915-MW-88BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.377	
SB915-MW-88BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.988	
SB915-MW-88D	Alkalinity	ALK	16.2	18.9	18.4	15.8	0.470	
SB915-MW-88D	Ammonia	NH3N	33.0	35.0	32.5	28.5	0.513	
SB915-MW-88D	Bromide	24959-67-9	5.4	6.9	5.7	6.0	0.411	
SB915-MW-88D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.975	
SB915-MW-88D	Calcium	7440-70-2	3000.0	3050.0	3000.0	3010.0	0.972	
SB915-MW-88D	Chemical Oxygen Demand	COD	81.0	130.0	86.0	108.5	0.851	
SB915-MW-88D	Chloride	16887-00-6	8400.0	9900.0	9000.0	9100.0	0.376	
SB915-MW-88D	Hardness (as CaCO3)	HARD	8300.0	9225.0	8650.0	8650.0	0.274	
SB915-MW-88D	Iron	7439-89-6	17.0	16.5	16.5	17.0	0.724	
SB915-MW-88D	Kjeldahl Nitrogen	KN	30.9	34.3	33.0	33.0	0.449	
SB915-MW-88D	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.543	
SB915-MW-88D	Magnesium	7439-95-4	270.0	245.5	240.0	225.5	0.732	
SB915-MW-88D	Manganese	7439-96-5	1.4	1.1	1.5	1.4	0.297	
SB915-MW-88D	Nitrate	14797-55-8	1.3	0.9	0.5	1.1	0.251	
SB915-MW-88D	Potassium	7440-09-7	153.0	160.0	155.0	157.5	0.886	
SB915-MW-88D	Sodium	7440-23-5	1700.0	1805.0	1700.0	1695.0	0.944	
SB915-MW-88D	Sulfate	14808-79-8	32.0	28.0	29.1	34.8	0.556	
SB915-MW-88D	Total Dissolved Oxygen	TDS	14000.0	19000.0	18550.0	14950.0	0.015	
SB915-MW-88D	Total Organic Carbon	TOC	0.8	0.8	0.8	0.9	0.899	
SB915-MW-88D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.682	
SB915-MW-88I	Alkalinity	ALK	94.0	67.5	78.5	84.0	0.217	
SB915-MW-88I	Ammonia	NH3N	25.0	22.5	26.0	25.5	0.575	
SB915-MW-88I	Bromide	24959-67-9	2.4	2.8	2.5	2.1	0.121	
SB915-MW-88I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.962	
SB915-MW-88I	Calcium	7440-70-2	1050.0	1570.0	1195.0	1017.5	0.002	Yes
SB915-MW-88I	Chemical Oxygen Demand	COD	57.0	41.8	40.5	38.5	0.955	
SB915-MW-88I	Chloride	16887-00-6	3120.0	4300.0	3585.0	2960.0	0.008	Yes
SB915-MW-88I	Hardness (as CaCO3)	HARD	3100.0	4485.0	3800.0	3325.0	0.001	Yes
SB915-MW-88I	Iron	7439-89-6	8.7	9.9	7.7	8.1	0.076	
SB915-MW-88I	Kjeldahl Nitrogen	KN	27.0	21.0	27.5	26.0	0.615	
SB915-MW-88I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.836	
SB915-MW-88I	Magnesium	7439-95-4	120.0	169.0	135.0	116.0	0.012	
SB915-MW-88I	Manganese	7439-96-5	1.5	1.7	1.3	1.3	0.158	
SB915-MW-88I	Nitrate	14797-55-8	0.5	0.5	0.5	0.2	0.245	
SB915-MW-88I	Potassium	7440-09-7	55.0	85.5	77.1	58.0	0.006	Yes
SB915-MW-88I	Sodium	7440-23-5	610.0	723.0	569.0	565.0	0.068	
SB915-MW-88I	Sulfate	14808-79-8	4.0	32.0	15.0	3.5	0.028	
SB915-MW-88I	Total Dissolved Oxygen	TDS	5180.0	9710.0	7750.0	5705.0	0.000	Yes
SB915-MW-88I	Total Organic Carbon	TOC	2.7	1.4	2.1	2.7	0.566	
SB915-MW-88I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.593	
SB915-MW-88S	Alkalinity	ALK	280.0	223.5	213.0	236.5	0.097	
SB915-MW-88S	Ammonia	NH3N	1.5	4.1	2.3	1.6	0.746	
SB915-MW-88S	Bromide	24959-67-9	0.3	0.3	0.3	0.4	0.825	
SB915-MW-88S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.962	
SB915-MW-88S	Calcium	7440-70-2	160.0	265.0	260.0	239.0	0.146	
SB915-MW-88S	Chemical Oxygen Demand	COD	11.0	5.5	8.1	9.3	0.496	
SB915-MW-88S	Chloride	16887-00-6	240.0	565.0	510.0	496.5	0.376	
SB915-MW-88S	Hardness (as CaCO3)	HARD	490.0	820.0	780.0	710.0	0.314	
SB915-MW-88S	Iron	7439-89-6	0.5	1.2	1.2	0.7	0.728	
SB915-MW-88S	Kjeldahl Nitrogen	KN	1.7	3.8	2.7	2.3	0.455	
SB915-MW-88S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.583	
SB915-MW-88S	Magnesium	7439-95-4	23.0	31.4	33.5	26.5	0.007	Yes
SB915-MW-88S	Manganese	7439-96-5	0.2	0.4	0.3	0.3	0.015	
SB915-MW-88S	Nitrate	14797-55-8	0.5	0.1	0.2	0.2	0.112	
SB915-MW-88S	Potassium	7440-09-7	11.0	18.8	19.3	13.5	0.077	
SB915-MW-88S	Sodium	7440-23-5	100.0	137.0	130.0	152.5	0.386	
SB915-MW-88S	Sulfate	14808-79-8	133.0	115.0	101.5	109.0	0.544	
SB915-MW-88S	Total Dissolved Oxygen	TDS	890.0	1495.0	1550.0	1300.0	0.030	

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SB915-MW-88S	Total Organic Carbon	TOC	1.1	1.3	1.0	1.2	0.885	
SB915-MW-88S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.548	
SB915-MW-89BR	Alkalinity	ALK	43.6	47.2	44.5	50.3	0.871	
SB915-MW-89BR	Ammonia	NH3N	35.0	38.5	38.0	36.5	0.848	
SB915-MW-89BR	Bromide	24959-67-9	295.0	320.0	309.0	311.0	0.805	
SB915-MW-89BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.878	
SB915-MW-89BR	Calcium	7440-70-2	7180.0	7290.0	7055.0	7000.0	0.390	
SB915-MW-89BR	Chemical Oxygen Demand	COD	550.0	690.0	615.0	445.0	0.654	
SB915-MW-89BR	Chloride	16887-00-6	36000.0	36450.0	36500.0	36500.0	0.650	
SB915-MW-89BR	Hardness (as CaCO3)	HARD	24000.0	24250.0	23850.0	24000.0	0.496	
SB915-MW-89BR	Iron	7439-89-6	24.0	26.5	26.5	25.2	0.560	
SB915-MW-89BR	Kjeldahl Nitrogen	KN	36.0	40.8	25.0	28.5	0.280	
SB915-MW-89BR	Lead	7439-92-1	0.1	0.1	0.1	0.2	0.984	
SB915-MW-89BR	Magnesium	7439-95-4	1280.0	1300.0	1300.0	1200.0	0.322	
SB915-MW-89BR	Manganese	7439-96-5	7.4	8.0	8.1	7.4	0.423	
SB915-MW-89BR	Nitrate	14797-55-8	2.5	2.5	2.5	2.5	0.857	
SB915-MW-89BR	Potassium	7440-09-7	880.0	897.5	883.5	840.0	0.472	
SB915-MW-89BR	Sodium	7440-23-5	11500.0	12100.0	12000.0	11500.0	0.352	
SB915-MW-89BR	Sulfate	14808-79-8	1150.0	1300.0	1300.0	1250.0	0.074	
SB915-MW-89BR	Total Dissolved Oxygen	TDS	61000.0	68500.0	72300.0	69500.0	0.304	
SB915-MW-89BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.316	
SB915-MW-89BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.1	0.0	0.0	0.901	
SB915-MW-89D	Alkalinity	ALK	89.0	87.0	87.2	82.7	0.999	
SB915-MW-89D	Ammonia	NH3N	19.0	21.2	20.9	20.5	0.370	
SB915-MW-89D	Bromide	24959-67-9	3.6	3.3	3.6	4.0	0.998	
SB915-MW-89D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.965	
SB915-MW-89D	Calcium	7440-70-2	1800.0	1940.0	1750.0	1740.0	0.194	
SB915-MW-89D	Chemical Oxygen Demand	COD	65.0	64.5	68.4	61.5	0.587	
SB915-MW-89D	Chloride	16887-00-6	4900.0	5230.0	4900.0	5050.0	0.668	
SB915-MW-89D	Hardness (as CaCO3)	HARD	5100.0	5135.0	4950.0	5485.0	0.136	
SB915-MW-89D	Iron	7439-89-6	0.6	1.1	1.0	0.9	0.452	
SB915-MW-89D	Kjeldahl Nitrogen	KN	20.0	20.2	20.1	20.5	0.440	
SB915-MW-89D	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.518	
SB915-MW-89D	Magnesium	7439-95-4	160.0	152.5	147.0	150.0	0.779	
SB915-MW-89D	Manganese	7439-96-5	7.4	8.0	7.3	7.5	0.319	
SB915-MW-89D	Nitrate	14797-55-8	0.5	0.5	0.5	0.5	0.413	
SB915-MW-89D	Potassium	7440-09-7	79.0	84.5	81.8	79.7	0.572	
SB915-MW-89D	Sodium	7440-23-5	900.0	1040.0	902.0	943.0	0.081	
SB915-MW-89D	Sulfate	14808-79-8	16.0	16.0	22.5	16.5	0.449	
SB915-MW-89D	Total Dissolved Oxygen	TDS	7800.0	9900.0	9400.0	8450.0	0.047	
SB915-MW-89D	Total Organic Carbon	TOC	0.9	0.7	0.8	0.9	0.909	
SB915-MW-89D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.610	
SB915-MW-89I	Alkalinity	ALK	97.0	112.0	126.5	113.0	0.881	
SB915-MW-89I	Ammonia	NH3N	6.7	6.9	6.2	6.4	0.279	
SB915-MW-89I	Bromide	24959-67-9	1.9	1.8	1.3	2.1	0.618	
SB915-MW-89I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.945	
SB915-MW-89I	Calcium	7440-70-2	680.0	780.0	720.0	580.0	0.504	
SB915-MW-89I	Chemical Oxygen Demand	COD	16.0	17.7	24.3	24.1	0.667	
SB915-MW-89I	Chloride	16887-00-6	2100.0	2500.0	2300.0	2100.0	0.861	
SB915-MW-89I	Hardness (as CaCO3)	HARD	2100.0	2300.0	2200.0	2000.0	0.943	
SB915-MW-89I	Iron	7439-89-6	0.5	0.5	0.4	0.4	0.172	
SB915-MW-89I	Kjeldahl Nitrogen	KN	7.3	7.0	6.3	6.0	0.299	
SB915-MW-89I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.586	
SB915-MW-89I	Magnesium	7439-95-4	96.0	98.5	90.0	81.5	0.346	
SB915-MW-89I	Manganese	7439-96-5	2.7	3.0	2.8	2.4	0.589	
SB915-MW-89I	Nitrate	14797-55-8	0.3	0.3	0.3	0.1	0.270	
SB915-MW-89I	Potassium	7440-09-7	41.0	41.0	44.2	37.5	0.946	
SB915-MW-89I	Sodium	7440-23-5	460.0	562.0	515.0	405.0	0.352	
SB915-MW-89I	Sulfate	14808-79-8	57.0	67.5	67.3	65.0	0.503	
SB915-MW-89I	Total Dissolved Oxygen	TDS	4400.0	4600.0	4500.0	4200.0	0.631	
SB915-MW-89I	Total Organic Carbon	TOC	1.2	1.0	1.2	1.3	0.580	
SB915-MW-89I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.646	

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SB915-MW-89S	Alkalinity	ALK	310.0	253.0	288.0	314.0	0.252	
SB915-MW-89S	Ammonia	NH3N	0.5	0.6	0.5	0.6	0.682	
SB915-MW-89S	Bromide	24959-67-9	0.3	0.3	0.4	0.3	0.811	
SB915-MW-89S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.962	
SB915-MW-89S	Calcium	7440-70-2	210.0	236.0	223.5	209.0	0.680	
SB915-MW-89S	Chemical Oxygen Demand	COD	5.0	5.0	12.0	6.1	0.135	
SB915-MW-89S	Chloride	16887-00-6	280.0	429.5	414.0	374.0	0.545	
SB915-MW-89S	Hardness (as CaCO3)	HARD	620.0	707.0	708.0	650.0	0.882	
SB915-MW-89S	Iron	7439-89-6	0.5	0.5	0.5	0.4	0.345	
SB915-MW-89S	Kjeldahl Nitrogen	KN	0.7	0.7	0.6	0.6	0.283	
SB915-MW-89S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.584	
SB915-MW-89S	Magnesium	7439-95-4	32.0	26.7	28.7	25.6	0.523	
SB915-MW-89S	Manganese	7439-96-5	0.6	0.7	0.6	0.6	0.440	
SB915-MW-89S	Nitrate	14797-55-8	0.7	0.9	1.2	1.1	0.455	
SB915-MW-89S	Potassium	7440-09-7	9.9	13.2	11.9	10.0	0.240	
SB915-MW-89S	Sodium	7440-23-5	130.0	128.5	118.5	108.5	0.873	
SB915-MW-89S	Sulfate	14808-79-8	100.0	97.8	114.5	114.5	0.845	
SB915-MW-89S	Total Dissolved Oxygen	TDS	1100.0	1400.0	1205.0	1110.0	0.218	
SB915-MW-89S	Total Organic Carbon	TOC	1.0	1.1	0.9	1.0	0.826	
SB915-MW-89S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.622	
SB915-MW-90BR	Alkalinity	ALK	76.0	72.0	68.2	72.5	0.819	
SB915-MW-90BR	Ammonia	NH3N	13.0	13.6	13.0	13.1	0.648	
SB915-MW-90BR	Bromide	24959-67-9	190.0	185.0	184.0	190.0	0.904	
SB915-MW-90BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.840	
SB915-MW-90BR	Calcium	7440-70-2	4500.0	4400.0	4465.0	4450.0	0.659	
SB915-MW-90BR	Chemical Oxygen Demand	COD	250.0	340.0	285.0	375.0	0.881	
SB915-MW-90BR	Chloride	16887-00-6	21000.0	22500.0	22850.0	23800.0	0.067	
SB915-MW-90BR	Hardness (as CaCO3)	HARD	16000.0	16000.0	16000.0	17000.0	0.021	
SB915-MW-90BR	Iron	7439-89-6	8.9	8.9	10.1	10.1	0.036	
SB915-MW-90BR	Kjeldahl Nitrogen	KN	8.2	13.0	11.5	12.7	0.411	
SB915-MW-90BR	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.746	
SB915-MW-90BR	Magnesium	7439-95-4	890.0	887.0	920.0	949.5	0.294	
SB915-MW-90BR	Manganese	7439-96-5	5.4	5.6	5.6	5.8	0.672	
SB915-MW-90BR	Nitrate	14797-55-8	2.5	2.5	1.3	2.5	0.403	
SB915-MW-90BR	Potassium	7440-09-7	310.0	296.0	329.0	311.0	0.212	
SB915-MW-90BR	Sodium	7440-23-5	7780.0	7300.0	7270.0	7600.0	0.786	
SB915-MW-90BR	Sulfate	14808-79-8	1300.0	1415.0	1300.0	1360.0	0.023	
SB915-MW-90BR	Total Dissolved Oxygen	TDS	41000.0	44000.0	42850.0	44500.0	0.361	
SB915-MW-90BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.502	
SB915-MW-90BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.967	
SB915-MW-90I	Alkalinity	ALK	73.0	69.5	68.5	70.5	0.911	
SB915-MW-90I	Ammonia	NH3N	6.9	6.5	6.7	6.4	0.914	
SB915-MW-90I	Bromide	24959-67-9	1.3	1.6	2.4	2.4	0.842	
SB915-MW-90I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.962	
SB915-MW-90I	Calcium	7440-70-2	1100.0	1100.0	1100.0	985.0	0.943	
SB915-MW-90I	Chemical Oxygen Demand	COD	11.0	22.3	50.0	38.0	0.513	
SB915-MW-90I	Chloride	16887-00-6	3600.0	3550.0	3300.0	3290.0	0.071	
SB915-MW-90I	Hardness (as CaCO3)	HARD	3300.0	3295.0	3065.0	3200.0	0.410	
SB915-MW-90I	Iron	7439-89-6	2.9	2.8	3.0	3.0	0.975	
SB915-MW-90I	Kjeldahl Nitrogen	KN	7.1	7.3	7.1	5.9	0.201	
SB915-MW-90I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.570	
SB915-MW-90I	Magnesium	7439-95-4	90.0	82.2	80.0	77.2	0.972	
SB915-MW-90I	Manganese	7439-96-5	1.3	1.2	1.2	1.2	0.989	
SB915-MW-90I	Nitrate	14797-55-8	0.5	0.2	0.3	0.2	0.359	
SB915-MW-90I	Potassium	7440-09-7	50.0	48.5	47.0	45.1	0.916	
SB915-MW-90I	Sodium	7440-23-5	860.0	857.5	815.0	811.0	0.935	
SB915-MW-90I	Sulfate	14808-79-8	130.0	137.0	129.5	133.5	0.537	
SB915-MW-90I	Total Dissolved Oxygen	TDS	5750.0	6795.0	6850.0	6835.0	0.284	
SB915-MW-90I	Total Organic Carbon	TOC	0.6	0.5	0.5	0.5	0.448	
SB915-MW-90I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.605	
SB915-MW-90S	Alkalinity	ALK	150.0	154.0	165.0	165.0	0.962	
SB915-MW-90S	Ammonia	NH3N	3.7	3.8	3.8	3.6	0.669	

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SB915-MW-90S	Bromide	24959-67-9	1.3	1.3	1.4	1.4	0.818	
SB915-MW-90S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.981	
SB915-MW-90S	Calcium	7440-70-2	600.0	665.0	686.0	670.0	0.390	
SB915-MW-90S	Chemical Oxygen Demand	COD	10.0	11.1	22.5	21.0	0.171	
SB915-MW-90S	Chloride	16887-00-6	1690.0	1900.0	2085.0	1895.0	0.123	
SB915-MW-90S	Hardness (as CaCO3)	HARD	1750.0	2050.0	2130.0	1970.0	0.029	
SB915-MW-90S	Iron	7439-89-6	1.9	2.1	2.2	2.4	0.444	
SB915-MW-90S	Kjeldahl Nitrogen	KN	3.6	4.3	4.4	3.7	0.012	
SB915-MW-90S	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.637	
SB915-MW-90S	Magnesium	7439-95-4	47.9	59.0	56.5	54.5	0.229	
SB915-MW-90S	Manganese	7439-96-5	1.2	1.2	1.3	1.3	0.144	
SB915-MW-90S	Nitrate	14797-55-8	0.5	0.3	0.4	0.4	0.950	
SB915-MW-90S	Potassium	7440-09-7	23.0	25.5	24.7	25.0	0.698	
SB915-MW-90S	Sodium	7440-23-5	437.0	443.0	476.5	490.0	0.219	
SB915-MW-90S	Sulfate	14808-79-8	160.0	164.0	161.5	171.5	0.787	
SB915-MW-90S	Total Dissolved Oxygen	TDS	3190.0	4120.0	4550.0	4170.0	0.003	Yes
SB915-MW-90S	Total Organic Carbon	TOC	0.6	0.6	0.6	0.5	0.651	
SB915-MW-90S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.723	
SB915-MW-91BR	Alkalinity	ALK	24.1	38.0	41.5	30.0	0.441	
SB915-MW-91BR	Ammonia	NH3N	19.0	19.5	19.0	17.8	0.755	
SB915-MW-91BR	Bromide	24959-67-9	121.0	151.0	135.0	163.0	0.452	
SB915-MW-91BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.882	
SB915-MW-91BR	Calcium	7440-70-2	3580.0	3800.0	3800.0	3600.0	0.566	
SB915-MW-91BR	Chemical Oxygen Demand	COD	1200.0	1100.0	910.0	1600.0	0.744	
SB915-MW-91BR	Chloride	16887-00-6	76000.0	76900.0	76750.0	76750.0	0.788	
SB915-MW-91BR	Hardness (as CaCO3)	HARD	12000.0	12750.0	12500.0	13000.0	0.163	
SB915-MW-91BR	Iron	7439-89-6	3.2	4.4	3.9	7.6	0.338	
SB915-MW-91BR	Kjeldahl Nitrogen	KN	15.0	17.0	13.8	15.9	0.279	
SB915-MW-91BR	Lead	7439-92-1	0.1	0.3	0.4	0.3	0.577	
SB915-MW-91BR	Magnesium	7439-95-4	578.0	630.5	605.0	626.0	0.511	
SB915-MW-91BR	Manganese	7439-96-5	2.4	2.8	2.8	2.9	0.588	
SB915-MW-91BR	Nitrate	14797-55-8	5.0	5.0	5.0	5.0	0.616	
SB915-MW-91BR	Potassium	7440-09-7	640.0	670.0	710.0	675.0	0.892	
SB915-MW-91BR	Sodium	7440-23-5	44000.0	43150.0	44300.0	41950.0	0.519	
SB915-MW-91BR	Sulfate	14808-79-8	2670.0	2700.0	2820.0	2750.0	0.846	
SB915-MW-91BR	Total Dissolved Oxygen	TDS	130000.0	140000.0	135000.0	129000.0	0.411	
SB915-MW-91BR	Total Organic Carbon	TOC	0.7	0.9	1.0	0.5	0.773	
SB915-MW-91BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.887	
SB915-MW-91D	Alkalinity	ALK	160.0	134.0	145.0	145.0	0.926	
SB915-MW-91D	Ammonia	NH3N	1.3	1.3	1.2	1.3	0.684	
SB915-MW-91D	Bromide	24959-67-9	1.3	1.3	1.3	2.3	0.798	
SB915-MW-91D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.888	
SB915-MW-91D	Calcium	7440-70-2	710.0	695.0	696.5	720.0	0.853	
SB915-MW-91D	Chemical Oxygen Demand	COD	29.0	19.0	27.5	17.6	0.321	
SB915-MW-91D	Chloride	16887-00-6	2200.0	2160.0	2160.0	2120.0	0.438	
SB915-MW-91D	Hardness (as CaCO3)	HARD	2100.0	2140.0	2075.0	2100.0	0.498	
SB915-MW-91D	Iron	7439-89-6	1.8	1.6	1.7	1.7	0.190	
SB915-MW-91D	Kjeldahl Nitrogen	KN	1.2	1.4	1.4	1.2	0.509	
SB915-MW-91D	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.636	
SB915-MW-91D	Magnesium	7439-95-4	83.0	73.0	72.9	79.0	0.400	
SB915-MW-91D	Manganese	7439-96-5	0.5	0.4	0.5	0.5	0.368	
SB915-MW-91D	Nitrate	14797-55-8	0.3	0.1	0.2	0.3	0.652	
SB915-MW-91D	Potassium	7440-09-7	24.0	22.0	24.9	24.5	0.391	
SB915-MW-91D	Sodium	7440-23-5	590.0	589.0	564.0	610.5	0.035	
SB915-MW-91D	Sulfate	14808-79-8	200.0	195.0	182.0	171.0	0.277	
SB915-MW-91D	Total Dissolved Oxygen	TDS	4100.0	4900.0	4400.0	4350.0	0.006	Yes
SB915-MW-91D	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.747	
SB915-MW-91D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.660	
SB915-MW-91I	Alkalinity	ALK	180.0	160.0	170.0	160.0	0.947	
SB915-MW-91I	Ammonia	NH3N	1.2	1.4	1.2	1.2	0.132	
SB915-MW-91I	Bromide	24959-67-9	1.1	1.3	1.3	1.8	0.734	
SB915-MW-91I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.972	

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SB915-MW-91I	Calcium	7440-70-2	640.0	760.0	654.5	652.0	0.020	
SB915-MW-91I	Chemical Oxygen Demand	COD	20.0	18.0	19.5	20.3	0.820	
SB915-MW-91I	Chloride	16887-00-6	2000.0	2115.0	2000.0	2000.0	0.206	
SB915-MW-91I	Hardness (as CaCO3)	HARD	1900.0	2100.0	1930.0	1940.0	0.326	
SB915-MW-91I	Iron	7439-89-6	2.1	2.4	2.0	2.3	0.535	
SB915-MW-91I	Kjeldahl Nitrogen	KN	1.7	1.5	1.4	1.2	0.381	
SB915-MW-91I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.636	
SB915-MW-91I	Magnesium	7439-95-4	77.0	68.1	72.5	81.5	0.512	
SB915-MW-91I	Manganese	7439-96-5	0.8	0.9	0.8	0.8	0.191	
SB915-MW-91I	Nitrate	14797-55-8	0.3	0.2	0.3	0.3	0.902	
SB915-MW-91I	Potassium	7440-09-7	25.0	23.0	24.6	22.3	0.572	
SB915-MW-91I	Sodium	7440-23-5	570.0	554.5	550.0	551.5	0.556	
SB915-MW-91I	Sulfate	14808-79-8	180.0	185.0	175.5	168.5	0.190	
SB915-MW-91I	Total Dissolved Oxygen	TDS	3400.0	4725.0	4135.0	4175.0	0.000	Yes
SB915-MW-91I	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.791	
SB915-MW-91I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.650	
SB915-MW-91S	Alkalinity	ALK	800.0	828.0	827.0	890.0	0.507	
SB915-MW-91S	Ammonia	NH3N	5.8	5.5	6.0	5.0	0.614	
SB915-MW-91S	Bromide	24959-67-9	6.8	16.5	9.8	10.0	0.146	
SB915-MW-91S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.776	
SB915-MW-91S	Calcium	7440-70-2	6800.0	6300.0	6155.0	5600.0	0.157	
SB915-MW-91S	Chemical Oxygen Demand	COD	250.0	205.0	305.0	73.5	0.523	
SB915-MW-91S	Chloride	16887-00-6	15000.0	16000.0	15500.0	13500.0	0.496	
SB915-MW-91S	Hardness (as CaCO3)	HARD	17000.0	17000.0	16500.0	14500.0	0.637	
SB915-MW-91S	Iron	7439-89-6	0.5	0.4	0.5	0.5	0.426	
SB915-MW-91S	Kjeldahl Nitrogen	KN	6.4	6.5	5.8	6.4	0.300	
SB915-MW-91S	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.895	
SB915-MW-91S	Magnesium	7439-95-4	25.0	1.6	2.5	25.0	0.281	
SB915-MW-91S	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.355	
SB915-MW-91S	Nitrate	14797-55-8	1.3	1.2	1.3	1.3	0.795	
SB915-MW-91S	Potassium	7440-09-7	240.0	235.0	220.0	210.0	0.615	
SB915-MW-91S	Sodium	7440-23-5	2600.0	2760.0	2450.0	2360.0	0.183	
SB915-MW-91S	Sulfate	14808-79-8	26.0	29.0	12.5	30.5	0.464	
SB915-MW-91S	Total Dissolved Oxygen	TDS	25000.0	31300.0	30500.0	27950.0	0.046	
SB915-MW-91S	Total Organic Carbon	TOC	1.6	1.6	1.7	1.8	0.870	
SB915-MW-91S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.922	
SB915-MW-92BR	Alkalinity	ALK	48.0	55.0	49.4	62.2	0.810	
SB915-MW-92BR	Ammonia	NH3N	20.0	21.5	20.0	20.0	0.740	
SB915-MW-92BR	Bromide	24959-67-9	230.0	225.0	203.5	215.0	0.957	
SB915-MW-92BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.795	
SB915-MW-92BR	Calcium	7440-70-2	4900.0	5000.0	4650.0	4800.0	0.413	
SB915-MW-92BR	Chemical Oxygen Demand	COD	520.0	420.0	415.0	445.0	0.317	
SB915-MW-92BR	Chloride	16887-00-6	29000.0	27400.0	27000.0	27600.0	0.939	
SB915-MW-92BR	Hardness (as CaCO3)	HARD	18000.0	16500.0	16150.0	17000.0	0.702	
SB915-MW-92BR	Iron	7439-89-6	16.0	14.0	11.3	12.8	0.597	
SB915-MW-92BR	Kjeldahl Nitrogen	KN	11.2	22.0	20.1	21.0	0.340	
SB915-MW-92BR	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.905	
SB915-MW-92BR	Magnesium	7439-95-4	870.0	885.0	805.0	845.0	0.237	
SB915-MW-92BR	Manganese	7439-96-5	5.2	5.2	5.0	5.5	0.342	
SB915-MW-92BR	Nitrate	14797-55-8	2.5	2.5	2.5	2.3	0.745	
SB915-MW-92BR	Potassium	7440-09-7	510.0	518.5	480.0	530.0	0.180	
SB915-MW-92BR	Sodium	7440-23-5	10000.0	9700.0	9450.0	10000.0	0.735	
SB915-MW-92BR	Sulfate	14808-79-8	1400.0	1400.0	1355.0	1400.0	0.898	
SB915-MW-92BR	Total Dissolved Oxygen	TDS	49000.0	53900.0	54950.0	52000.0	0.257	
SB915-MW-92BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.530	
SB915-MW-92BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.715	
SB915-MW-92D	Alkalinity	ALK	210.0	215.5	230.0	235.0	0.809	
SB915-MW-92D	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.554	
SB915-MW-92D	Bromide	24959-67-9	0.5	0.7	0.7	0.6	0.392	
SB915-MW-92D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.972	
SB915-MW-92D	Calcium	7440-70-2	349.0	343.5	310.0	285.0	0.562	
SB915-MW-92D	Chemical Oxygen Demand	COD	7.5	7.2	7.0	5.0	0.438	

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SB915-MW-92D	Chloride	16887-00-6	801.0	850.0	723.0	581.0	0.015	
SB915-MW-92D	Hardness (as CaCO3)	HARD	1000.0	1095.0	916.0	830.0	0.773	
SB915-MW-92D	Iron	7439-89-6	0.5	0.5	0.5	0.5	0.870	
SB915-MW-92D	Kjeldahl Nitrogen	KN	0.2	0.1	0.2	0.1	0.820	
SB915-MW-92D	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.540	
SB915-MW-92D	Magnesium	7439-95-4	42.4	38.0	35.0	34.0	0.494	
SB915-MW-92D	Manganese	7439-96-5	0.2	0.2	0.2	0.2	0.444	
SB915-MW-92D	Nitrate	14797-55-8	1.1	0.9	0.9	1.0	0.039	
SB915-MW-92D	Potassium	7440-09-7	8.4	8.0	16.4	8.1	0.749	
SB915-MW-92D	Sodium	7440-23-5	221.0	255.0	223.5	199.0	0.583	
SB915-MW-92D	Sulfate	14808-79-8	183.0	190.0	193.0	188.5	0.940	
SB915-MW-92D	Total Dissolved Oxygen	TDS	1800.0	2250.0	1995.0	1695.0	0.000	Yes
SB915-MW-92D	Total Organic Carbon	TOC	0.7	0.5	0.6	0.6	0.393	
SB915-MW-92D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.730	
SB915-MW-92I	Alkalinity	ALK	170.0	143.5	169.5	185.0	0.700	
SB915-MW-92I	Ammonia	NH3N	2.0	1.9	1.5	1.2	0.009	Yes
SB915-MW-92I	Bromide	24959-67-9	1.6	1.7	1.6	1.3	0.311	
SB915-MW-92I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.973	
SB915-MW-92I	Calcium	7440-70-2	1400.0	1100.0	950.0	850.5	0.026	
SB915-MW-92I	Chemical Oxygen Demand	COD	31.0	40.5	30.5	22.1	0.349	
SB915-MW-92I	Chloride	16887-00-6	4200.0	3050.0	2275.0	2215.0	0.018	
SB915-MW-92I	Hardness (as CaCO3)	HARD	3600.0	2845.0	2345.0	2150.0	0.036	
SB915-MW-92I	Iron	7439-89-6	0.5	0.5	0.5	0.4	0.596	
SB915-MW-92I	Kjeldahl Nitrogen	KN	2.5	1.8	1.6	1.7	0.510	
SB915-MW-92I	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.641	
SB915-MW-92I	Magnesium	7439-95-4	28.8	30.5	31.5	33.0	0.304	
SB915-MW-92I	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.513	
SB915-MW-92I	Nitrate	14797-55-8	0.7	0.7	0.6	0.8	0.406	
SB915-MW-92I	Potassium	7440-09-7	38.0	32.0	26.0	23.5	0.006	Yes
SB915-MW-92I	Sodium	7440-23-5	980.0	745.0	630.0	535.5	0.024	
SB915-MW-92I	Sulfate	14808-79-8	160.0	180.0	172.0	179.5	0.634	
SB915-MW-92I	Total Dissolved Oxygen	TDS	6900.0	7145.0	5000.0	4775.0	0.080	
SB915-MW-92I	Total Organic Carbon	TOC	1.4	1.6	1.6	1.3	0.703	
SB915-MW-92I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.947	
SB915-MW-92S	Alkalinity	ALK	760.0	821.5	850.0	885.0	0.410	
SB915-MW-92S	Ammonia	NH3N	8.8	8.7	9.1	9.3	0.933	
SB915-MW-92S	Bromide	24959-67-9	8.0	6.2	7.6	8.4	0.679	
SB915-MW-92S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.396	
SB915-MW-92S	Calcium	7440-70-2	3700.0	3550.0	3950.0	4270.0	0.370	
SB915-MW-92S	Chemical Oxygen Demand	COD	180.0	155.0	190.0	165.0	0.837	
SB915-MW-92S	Chloride	16887-00-6	10000.0	9700.0	9800.0	10400.0	0.653	
SB915-MW-92S	Hardness (as CaCO3)	HARD	10000.0	9450.0	10200.0	10500.0	0.476	
SB915-MW-92S	Iron	7439-89-6	0.5	0.5	0.5	0.5	0.400	
SB915-MW-92S	Kjeldahl Nitrogen	KN	12.0	12.2	12.5	14.0	0.356	
SB915-MW-92S	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.446	
SB915-MW-92S	Magnesium	7439-95-4	25.0	0.3	25.0	25.0	0.402	
SB915-MW-92S	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.461	
SB915-MW-92S	Nitrate	14797-55-8	1.3	0.5	0.8	0.5	0.058	
SB915-MW-92S	Potassium	7440-09-7	120.0	110.0	108.0	131.0	0.348	
SB915-MW-92S	Sodium	7440-23-5	2100.0	1800.0	2200.0	2575.0	0.321	
SB915-MW-92S	Sulfate	14808-79-8	13.0	20.5	14.8	20.0	0.506	
SB915-MW-92S	Total Dissolved Oxygen	TDS	18800.0	18000.0	23500.0	19000.0	0.845	
SB915-MW-92S	Total Organic Carbon	TOC	10.0	9.7	9.7	9.4	0.933	
SB915-MW-92S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.498	
SB915-MW-93BR	Alkalinity	ALK	26.0	30.8	31.6	36.0	0.429	
SB915-MW-93BR	Ammonia	NH3N	42.0	48.3	42.5	39.0	0.465	
SB915-MW-93BR	Bromide	24959-67-9	530.0	567.5	520.0	575.0	0.142	
SB915-MW-93BR	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.577	
SB915-MW-93BR	Calcium	7440-70-2	13500.0	13000.0	13000.0	13800.0	0.570	
SB915-MW-93BR	Chemical Oxygen Demand	COD	1100.0	1450.0	1200.0	630.0	0.744	
SB915-MW-93BR	Chloride	16887-00-6	67500.0	69150.0	67650.0	72000.0	0.858	
SB915-MW-93BR	Hardness (as CaCO3)	HARD	46000.0	45250.0	44500.0	46000.0	0.891	

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SB915-MW-93BR	Iron	7439-89-6	35.5	36.1	35.7	37.0	0.881	
SB915-MW-93BR	Kjeldahl Nitrogen	KN	45.0	43.9	35.5	44.5	0.578	
SB915-MW-93BR	Lead	7439-92-1	0.3	0.2	0.3	0.3	0.650	
SB915-MW-93BR	Magnesium	7439-95-4	2540.0	2550.0	2595.0	2650.0	0.495	
SB915-MW-93BR	Manganese	7439-96-5	14.9	13.5	13.4	15.0	0.445	
SB915-MW-93BR	Nitrate	14797-55-8	5.0	5.0	5.0	5.0	0.999	
SB915-MW-93BR	Potassium	7440-09-7	1100.0	1020.0	1100.0	1100.0	0.200	
SB915-MW-93BR	Sodium	7440-23-5	23000.0	23000.0	22150.0	22900.0	0.684	
SB915-MW-93BR	Sulfate	14808-79-8	1000.0	1100.0	998.5	1120.0	0.306	
SB915-MW-93BR	Total Dissolved Oxygen	TDS	120000.0	131000.0	135000.0	120000.0	0.042	
SB915-MW-93BR	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.350	
SB915-MW-93BR	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.916	
SB915-PZ-07D	Alkalinity	ALK	1200.0	1100.0	1070.0	1200.0	0.667	
SB915-PZ-07D	Ammonia	NH3N	13.0	12.7	12.0	13.2	0.337	
SB915-PZ-07D	Bromide	24959-67-9	12.5	11.5	11.5	13.5	0.842	
SB915-PZ-07D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.382	
SB915-PZ-07D	Calcium	7440-70-2	11000.0	9700.0	11000.0	12500.0	0.226	
SB915-PZ-07D	Chemical Oxygen Demand	COD	550.0	410.0	405.0	505.0	0.782	
SB915-PZ-07D	Chloride	16887-00-6	27000.0	27000.0	29000.0	37000.0	0.072	
SB915-PZ-07D	Hardness (as CaCO3)	HARD	28000.0	25500.0	27000.0	31500.0	0.336	
SB915-PZ-07D	Iron	7439-89-6	0.5	0.4	0.5	0.5	0.753	
SB915-PZ-07D	Kjeldahl Nitrogen	KN	12.5	10.6	14.5	15.5	0.574	
SB915-PZ-07D	Lead	7439-92-1	0.2	0.1	0.1	0.2	0.341	
SB915-PZ-07D	Magnesium	7439-95-4	25.0	1.4	25.0	25.0	0.267	
SB915-PZ-07D	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.325	
SB915-PZ-07D	Nitrate	14797-55-8	2.5	1.9	2.1	2.5	0.265	
SB915-PZ-07D	Potassium	7440-09-7	220.0	195.0	224.5	247.0	0.198	
SB915-PZ-07D	Sodium	7440-23-5	7000.0	6300.0	7150.0	8150.0	0.241	
SB915-PZ-07D	Sulfate	14808-79-8	28.0	38.5	22.2	53.5	0.221	
SB915-PZ-07D	Total Dissolved Oxygen	TDS	49000.0	56000.0	55500.0	61000.0	0.689	
SB915-PZ-07D	Total Organic Carbon	TOC	2.3	2.3	2.3	2.6	0.446	
SB915-PZ-07D	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.3	0.3	0.342	
SB915-PZ-07I	Alkalinity	ALK	580.0	561.0	571.5	625.0	0.723	
SB915-PZ-07I	Ammonia	NH3N	9.5	9.9	10.2	10.0	0.587	
SB915-PZ-07I	Bromide	24959-67-9	12.5	17.0	11.3	12.5	0.754	
SB915-PZ-07I	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.392	
SB915-PZ-07I	Calcium	7440-70-2	11000.0	10700.0	10500.0	11450.0	0.562	
SB915-PZ-07I	Chemical Oxygen Demand	COD	410.0	330.0	520.0	405.0	0.735	
SB915-PZ-07I	Chloride	16887-00-6	30000.0	27500.0	28300.0	31000.0	0.354	
SB915-PZ-07I	Hardness (as CaCO3)	HARD	27000.0	26750.0	27500.0	28500.0	0.855	
SB915-PZ-07I	Iron	7439-89-6	0.5	0.4	0.5	0.5	0.326	
SB915-PZ-07I	Kjeldahl Nitrogen	KN	12.0	11.0	10.8	11.5	0.998	
SB915-PZ-07I	Lead	7439-92-1	0.2	0.1	0.1	0.1	0.822	
SB915-PZ-07I	Magnesium	7439-95-4	25.0	12.8	25.0	25.0	0.304	
SB915-PZ-07I	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.322	
SB915-PZ-07I	Nitrate	14797-55-8	2.5	2.5	2.1	2.0	0.481	
SB915-PZ-07I	Potassium	7440-09-7	250.0	235.0	245.0	270.0	0.623	
SB915-PZ-07I	Sodium	7440-23-5	5900.0	5735.0	6100.0	6800.0	0.174	
SB915-PZ-07I	Sulfate	14808-79-8	25.0	36.5	25.0	49.0	0.252	
SB915-PZ-07I	Total Dissolved Oxygen	TDS	49000.0	54000.0	64000.0	60200.0	0.145	
SB915-PZ-07I	Total Organic Carbon	TOC	1.5	1.5	1.5	1.6	0.561	
SB915-PZ-07I	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.973	
SB915-PZ-07S	Alkalinity	ALK	1700.0	1550.0	1300.0	1480.0	0.087	
SB915-PZ-07S	Ammonia	NH3N	8.3	8.6	7.0	10.2	0.241	
SB915-PZ-07S	Bromide	24959-67-9	1.3	0.7	1.2	1.0	0.463	
SB915-PZ-07S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.390	
SB915-PZ-07S	Calcium	7440-70-2	1200.0	1100.0	1040.0	1200.0	0.026	
SB915-PZ-07S	Chemical Oxygen Demand	COD	17.0	11.0	12.3	11.0	0.570	
SB915-PZ-07S	Chloride	16887-00-6	1200.0	1150.0	1100.0	1250.0	0.746	
SB915-PZ-07S	Hardness (as CaCO3)	HARD	2900.0	2750.0	2700.0	2900.0	0.175	
SB915-PZ-07S	Iron	7439-89-6	0.5	0.4	0.5	0.5	0.362	
SB915-PZ-07S	Kjeldahl Nitrogen	KN	9.4	9.9	9.6	9.9	0.478	

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SB915-PZ-07S	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.284	
SB915-PZ-07S	Magnesium	7439-95-4	25.0	0.4	25.0	25.0	0.341	
SB915-PZ-07S	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.385	
SB915-PZ-07S	Nitrate	14797-55-8	0.3	0.1	0.3	0.4	0.296	
SB915-PZ-07S	Potassium	7440-09-7	20.0	22.0	18.6	21.1	0.403	
SB915-PZ-07S	Sodium	7440-23-5	120.0	110.5	100.0	135.0	0.296	
SB915-PZ-07S	Sulfate	14808-79-8	14.0	15.0	15.0	18.0	0.759	
SB915-PZ-07S	Total Dissolved Oxygen	TDS	3300.0	3750.0	4300.0	4500.0	0.039	
SB915-PZ-07S	Total Organic Carbon	TOC	0.9	0.9	0.7	0.8	0.243	
SB915-PZ-07S	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.476	
SB915-WB-01L	Alkalinity	ALK	290.0	290.0	305.0	295.0	0.777	
SB915-WB-01L	Ammonia	NH3N	0.2	0.2	0.2	0.2	0.133	
SB915-WB-01L	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.752	
SB915-WB-01L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.673	
SB915-WB-01L	Calcium	7440-70-2	260.0	250.0	251.0	242.0	0.376	
SB915-WB-01L	Chemical Oxygen Demand	COD	6.1	5.0	7.1	5.0	0.271	
SB915-WB-01L	Chloride	16887-00-6	80.0	79.5	82.5	81.0	0.175	
SB915-WB-01L	Hardness (as CaCO3)	HARD	850.0	870.0	836.5	860.0	0.294	
SB915-WB-01L	Iron	7439-89-6	2.0	1.8	1.9	1.8	0.653	
SB915-WB-01L	Kjeldahl Nitrogen	KN	0.4	0.6	0.6	0.7	0.809	
SB915-WB-01L	Lead	7439-92-1	0.0	0.0	0.1	0.1	0.218	
SB915-WB-01L	Magnesium	7439-95-4	48.0	47.8	46.0	45.5	0.706	
SB915-WB-01L	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.867	
SB915-WB-01L	Nitrate	14797-55-8	0.1	0.1	0.1	0.1	0.558	
SB915-WB-01L	Potassium	7440-09-7	25.0	15.6	25.0	25.0	0.731	
SB915-WB-01L	Sodium	7440-23-5	35.0	35.5	34.6	35.6	0.532	
SB915-WB-01L	Sulfate	14808-79-8	510.0	510.0	535.0	510.0	0.170	
SB915-WB-01L	Total Dissolved Oxygen	TDS	1100.0	1200.0	1200.0	1190.0	0.073	
SB915-WB-01L	Total Organic Carbon	TOC	1.0	1.1	1.0	1.1	0.475	
SB915-WB-01L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.592	
SB915-WB-02L	Alkalinity	ALK	76.7	77.4	78.8	77.2	0.876	
SB915-WB-02L	Ammonia	NH3N	16.0	15.0	15.5	15.0	0.859	
SB915-WB-02L	Bromide	24959-67-9	25.0	28.2	24.0	27.6	0.860	
SB915-WB-02L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.838	
SB915-WB-02L	Calcium	7440-70-2	15000.0	14150.0	14200.0	14200.0	0.563	
SB915-WB-02L	Chemical Oxygen Demand	COD	470.0	600.0	750.0	550.0	0.857	
SB915-WB-02L	Chloride	16887-00-6	44200.0	44500.0	44950.0	43500.0	0.258	
SB915-WB-02L	Hardness (as CaCO3)	HARD	41000.0	41050.0	41000.0	40500.0	0.692	
SB915-WB-02L	Iron	7439-89-6	22.0	22.0	21.5	22.5	0.351	
SB915-WB-02L	Kjeldahl Nitrogen	KN	4.9	11.4	5.7	13.3	0.593	
SB915-WB-02L	Lead	7439-92-1	0.3	0.2	0.1	0.2	0.815	
SB915-WB-02L	Magnesium	7439-95-4	837.0	840.0	805.0	814.5	0.420	
SB915-WB-02L	Manganese	7439-96-5	2.4	2.4	2.6	2.5	0.750	
SB915-WB-02L	Nitrate	14797-55-8	5.0	2.5	2.8	5.0	0.860	
SB915-WB-02L	Potassium	7440-09-7	189.0	165.0	180.0	173.5	0.692	
SB915-WB-02L	Sodium	7440-23-5	10000.0	9435.0	9400.0	9615.0	0.435	
SB915-WB-02L	Sulfate	14808-79-8	630.0	663.5	676.5	615.5	0.567	
SB915-WB-02L	Total Dissolved Oxygen	TDS	79900.0	88500.0	88500.0	78600.0	0.438	
SB915-WB-02L	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.262	
SB915-WB-02L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.859	
SB915-WB-03L	Alkalinity	ALK	87.0	81.0	81.4	95.5	0.335	
SB915-WB-03L	Ammonia	NH3N	5.1	4.8	4.2	4.0	0.491	
SB915-WB-03L	Bromide	24959-67-9	25.0	11.3	10.9	11.2	0.111	
SB915-WB-03L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.230	
SB915-WB-03L	Calcium	7440-70-2	8200.0	8080.0	7500.0	7665.0	0.247	
SB915-WB-03L	Chemical Oxygen Demand	COD	360.0	355.0	280.0	126.5	0.412	
SB915-WB-03L	Chloride	16887-00-6	24000.0	25000.0	23000.0	22500.0	0.282	
SB915-WB-03L	Hardness (as CaCO3)	HARD	22000.0	23000.0	22000.0	20400.0	0.211	
SB915-WB-03L	Iron	7439-89-6	52.0	49.0	48.0	47.5	0.175	
SB915-WB-03L	Kjeldahl Nitrogen	KN	3.8	5.0	3.6	5.0	0.540	
SB915-WB-03L	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.448	
SB915-WB-03L	Magnesium	7439-95-4	420.0	416.0	410.0	415.0	0.310	

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SB915-WB-03L	Manganese	7439-96-5	3.0	2.7	2.4	2.5	0.484	
SB915-WB-03L	Nitrate	14797-55-8	2.5	2.5	1.5	2.5	0.073	
SB915-WB-03L	Potassium	7440-09-7	71.0	74.8	62.6	66.0	0.590	
SB915-WB-03L	Sodium	7440-23-5	5900.0	5680.0	5085.0	5245.0	0.163	
SB915-WB-03L	Sulfate	14808-79-8	530.0	650.0	585.0	600.0	0.273	
SB915-WB-03L	Total Dissolved Oxygen	TDS	40000.0	52500.0	47900.0	46000.0	0.080	
SB915-WB-03L	Total Organic Carbon	TOC	0.5	0.3	0.5	0.5	0.422	
SB915-WB-03L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.809	
SB915-WB-04L	Alkalinity	ALK	37.0	43.8	46.5	45.5	0.172	
SB915-WB-04L	Ammonia	NH3N	21.0	20.5	21.0	21.0	0.928	
SB915-WB-04L	Bromide	24959-67-9	3.0	6.1	4.4	4.2	0.552	
SB915-WB-04L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.956	
SB915-WB-04L	Calcium	7440-70-2	2200.0	2255.0	2200.0	2300.0	0.559	
SB915-WB-04L	Chemical Oxygen Demand	COD	63.0	88.0	115.0	120.0	0.678	
SB915-WB-04L	Chloride	16887-00-6	8100.0	7740.0	7430.0	7450.0	0.288	
SB915-WB-04L	Hardness (as CaCO3)	HARD	6700.0	6740.0	6550.0	6800.0	0.786	
SB915-WB-04L	Iron	7439-89-6	9.6	9.4	9.2	9.8	0.558	
SB915-WB-04L	Kjeldahl Nitrogen	KN	22.0	21.0	19.7	20.0	0.570	
SB915-WB-04L	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.543	
SB915-WB-04L	Magnesium	7439-95-4	210.0	234.5	223.5	230.0	0.491	
SB915-WB-04L	Manganese	7439-96-5	0.3	0.3	0.3	0.3	0.998	
SB915-WB-04L	Nitrate	14797-55-8	0.5	0.5	0.5	0.5	0.464	
SB915-WB-04L	Potassium	7440-09-7	84.0	80.9	81.0	85.4	0.770	
SB915-WB-04L	Sodium	7440-23-5	1720.0	1780.0	1700.0	1850.0	0.325	
SB915-WB-04L	Sulfate	14808-79-8	37.0	47.2	49.0	46.8	0.905	
SB915-WB-04L	Total Dissolved Oxygen	TDS	14000.0	14150.0	15100.0	14950.0	0.625	
SB915-WB-04L	Total Organic Carbon	TOC	0.6	0.5	0.5	0.5	0.625	
SB915-WB-04L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.719	
SB915-WB-05L	Alkalinity	ALK	85.0	69.0	64.5	55.0	0.655	
SB915-WB-05L	Ammonia	NH3N	16.0	16.0	16.0	15.5	0.558	
SB915-WB-05L	Bromide	24959-67-9	38.0	26.9	25.5	28.2	0.341	
SB915-WB-05L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.447	
SB915-WB-05L	Calcium	7440-70-2	20000.0	20000.0	20500.0	20150.0	0.639	
SB915-WB-05L	Chemical Oxygen Demand	COD	1300.0	810.0	570.0	465.0	0.605	
SB915-WB-05L	Chloride	16887-00-6	68000.0	67000.0	68000.0	66250.0	0.430	
SB915-WB-05L	Hardness (as CaCO3)	HARD	56000.0	53000.0	53000.0	54000.0	0.180	
SB915-WB-05L	Iron	7439-89-6	35.0	34.0	35.5	32.0	0.835	
SB915-WB-05L	Kjeldahl Nitrogen	KN	15.0	15.0	16.0	14.7	0.789	
SB915-WB-05L	Lead	7439-92-1	0.3	0.1	0.3	0.2	0.660	
SB915-WB-05L	Magnesium	7439-95-4	270.0	260.0	273.0	238.0	0.740	
SB915-WB-05L	Manganese	7439-96-5	9.9	11.0	10.4	10.6	0.759	
SB915-WB-05L	Nitrate	14797-55-8	5.0	5.0	5.0	5.0	0.793	
SB915-WB-05L	Potassium	7440-09-7	270.0	260.0	270.0	310.0	0.211	
SB915-WB-05L	Sodium	7440-23-5	17000.0	16000.0	17900.0	16000.0	0.684	
SB915-WB-05L	Sulfate	14808-79-8	380.0	440.0	394.0	421.5	0.794	
SB915-WB-05L	Total Dissolved Oxygen	TDS	110000.0	130000.0	135000.0	113000.0	0.043	
SB915-WB-05L	Total Organic Carbon	TOC	0.9	0.9	1.0	0.9	0.470	
SB915-WB-05L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.609	
SB915-WB-05M	Alkalinity	ALK	92.0	96.0	80.4	86.5	0.799	
SB915-WB-05M	Ammonia	NH3N	19.0	20.0	20.0	19.5	0.254	
SB915-WB-05M	Bromide	24959-67-9	12.5	6.6	5.8	5.8	0.051	
SB915-WB-05M	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.086	
SB915-WB-05M	Calcium	7440-70-2	3700.0	3785.0	3900.0	3950.0	0.697	
SB915-WB-05M	Chemical Oxygen Demand	COD	170.0	335.0	315.0	172.5	0.558	
SB915-WB-05M	Chloride	16887-00-6	13000.0	13000.0	13500.0	13000.0	0.605	
SB915-WB-05M	Hardness (as CaCO3)	HARD	10000.0	10150.0	10500.0	10000.0	0.548	
SB915-WB-05M	Iron	7439-89-6	29.0	28.5	30.0	30.0	0.659	
SB915-WB-05M	Kjeldahl Nitrogen	KN	21.0	21.0	20.5	21.6	0.833	
SB915-WB-05M	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.150	
SB915-WB-05M	Magnesium	7439-95-4	110.0	110.0	113.5	110.5	0.751	
SB915-WB-05M	Manganese	7439-96-5	1.6	1.7	1.8	1.8	0.820	
SB915-WB-05M	Nitrate	14797-55-8	1.3	0.6	0.7	1.1	0.493	

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SB915-WB-05M	Potassium	7440-09-7	130.0	129.0	135.0	142.5	0.873	
SB915-WB-05M	Sodium	7440-23-5	3400.0	3605.0	3550.0	3560.0	0.773	
SB915-WB-05M	Sulfate	14808-79-8	71.0	71.0	54.5	55.0	0.454	
SB915-WB-05M	Total Dissolved Oxygen	TDS	21000.0	26000.0	27000.0	23000.0	0.385	
SB915-WB-05M	Total Organic Carbon	TOC	0.8	0.8	0.8	0.8	0.894	
SB915-WB-05M	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.605	
SB915-WB-05R	Alkalinity	ALK	29.0	29.5	25.2	28.0	0.993	
SB915-WB-05R	Ammonia	NH3N	63.0	59.5	54.5	58.5	0.146	
SB915-WB-05R	Bromide	24959-67-9	410.0	369.0	337.0	370.0	0.918	
SB915-WB-05R	Cadmium	7440-43-9	0.1	0.0	0.0	0.1	0.755	
SB915-WB-05R	Calcium	7440-70-2	6800.0	6600.0	6500.0	6810.0	0.464	
SB915-WB-05R	Chemical Oxygen Demand	COD	1700.0	1500.0	1360.0	1950.0	0.712	
SB915-WB-05R	Chloride	16887-00-6	120000.0	120000.0	120000.0	120000.0	0.975	
SB915-WB-05R	Hardness (as CaCO3)	HARD	25000.0	23300.0	23000.0	25000.0	0.794	
SB915-WB-05R	Iron	7439-89-6	26.0	24.8	25.5	25.5	0.300	
SB915-WB-05R	Kjeldahl Nitrogen	KN	54.0	46.5	37.7	42.0	0.373	
SB915-WB-05R	Lead	7439-92-1	0.4	0.1	0.3	0.4	0.348	
SB915-WB-05R	Magnesium	7439-95-4	1400.0	1250.0	1250.0	1250.0	0.391	
SB915-WB-05R	Manganese	7439-96-5	7.4	7.8	7.8	7.4	0.636	
SB915-WB-05R	Nitrate	14797-55-8	12.5	9.6	5.0	8.8	0.554	
SB915-WB-05R	Potassium	7440-09-7	1400.0	1395.0	1450.0	1360.0	0.814	
SB915-WB-05R	Sodium	7440-23-5	68000.0	67500.0	65500.0	69000.0	0.618	
SB915-WB-05R	Sulfate	14808-79-8	1800.0	1750.0	1900.0	1930.0	0.644	
SB915-WB-05R	Total Dissolved Oxygen	TDS	200000.0	215000.0	205000.0	200000.0	0.265	
SB915-WB-05R	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.579	
SB915-WB-05R	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.1	0.677	
SB915-WB-05U	Alkalinity	ALK	225.0	222.5	280.0	364.0	0.199	
SB915-WB-05U	Ammonia	NH3N	2.4	2.2	2.3	4.0	0.095	
SB915-WB-05U	Bromide	24959-67-9	10.3	4.5	4.7	4.4	0.137	
SB915-WB-05U	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.717	
SB915-WB-05U	Calcium	7440-70-2	2850.0	2520.0	3000.0	3060.0	0.468	
SB915-WB-05U	Chemical Oxygen Demand	COD	420.0	43.2	386.0	462.0	0.997	
SB915-WB-05U	Chloride	16887-00-6	6700.0	6100.0	7800.0	8460.0	0.843	
SB915-WB-05U	Hardness (as CaCO3)	HARD	6900.0	6390.0	7400.0	9500.0	0.190	
SB915-WB-05U	Iron	7439-89-6	0.3	0.1	0.3	0.2	0.874	
SB915-WB-05U	Kjeldahl Nitrogen	KN	2.7	2.7	3.0	4.3	0.897	
SB915-WB-05U	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.649	
SB915-WB-05U	Magnesium	7439-95-4	12.5	12.8	0.4	2.5	0.923	
SB915-WB-05U	Manganese	7439-96-5	0.0	0.0	0.0	0.0	0.926	
SB915-WB-05U	Nitrate	14797-55-8	1.1	0.9	0.5	0.5	0.462	
SB915-WB-05U	Potassium	7440-09-7	165.0	146.0	170.0	192.0	0.451	
SB915-WB-05U	Sodium	7440-23-5	1550.0	1210.0	1500.0	1610.0	0.274	
SB915-WB-05U	Sulfate	14808-79-8	72.0	53.6	49.0	18.0	0.509	
SB915-WB-05U	Total Dissolved Oxygen	TDS	12500.0	11700.0	16000.0	16100.0	0.635	
SB915-WB-05U	Total Organic Carbon	TOC	2.1	2.1	2.3	3.0	0.577	
SB915-WB-05U	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.1	0.777	
SB915-WB-06	Alkalinity	ALK	50.0	55.4	51.5	50.5	0.539	
SB915-WB-06	Ammonia	NH3N	15.0	16.0	14.5	15.0	0.451	
SB915-WB-06	Bromide	24959-67-9	25.0	21.5	21.0	21.5	0.459	
SB915-WB-06	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.054	
SB915-WB-06	Calcium	7440-70-2	19000.0	19200.0	18750.0	20200.0	0.135	
SB915-WB-06	Chemical Oxygen Demand	COD	780.0	765.0	885.0	1300.0	0.435	
SB915-WB-06	Chloride	16887-00-6	59000.0	57950.0	59300.0	57000.0	0.240	
SB915-WB-06	Hardness (as CaCO3)	HARD	51000.0	50200.0	50500.0	51000.0	0.482	
SB915-WB-06	Iron	7439-89-6	65.0	65.6	63.5	67.5	0.339	
SB915-WB-06	Kjeldahl Nitrogen	KN	15.0	5.5	14.0	14.9	0.889	
SB915-WB-06	Lead	7439-92-1	0.3	0.1	0.3	0.3	0.308	
SB915-WB-06	Magnesium	7439-95-4	120.0	115.0	110.0	134.5	0.263	
SB915-WB-06	Manganese	7439-96-5	6.8	7.4	7.6	7.7	0.266	
SB915-WB-06	Nitrate	14797-55-8	5.0	5.0	5.0	5.0	0.430	
SB915-WB-06	Potassium	7440-09-7	210.0	225.0	200.0	240.0	0.144	
SB915-WB-06	Sodium	7440-23-5	13000.0	13000.0	12500.0	14100.0	0.137	

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SB915-WB-06	Sulfate	14808-79-8	50.0	61.5	50.0	63.0	0.663	
SB915-WB-06	Total Dissolved Oxygen	TDS	96000.0	115000.0	110000.0	107500.0	0.062	
SB915-WB-06	Total Organic Carbon	TOC	0.6	0.6	0.6	0.6	0.995	
SB915-WB-06	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.740	
SB915-WB-07L	Alkalinity	ALK	80.0	83.8	87.0	83.7	0.457	
SB915-WB-07L	Ammonia	NH3N	6.2	6.6	6.3	7.0	0.057	
SB915-WB-07L	Bromide	24959-67-9	12.5	18.3	15.2	18.5	0.598	
SB915-WB-07L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.260	
SB915-WB-07L	Calcium	7440-70-2	12000.0	11650.0	12000.0	12100.0	0.466	
SB915-WB-07L	Chemical Oxygen Demand	COD	690.0	830.0	290.0	650.0	0.716	
SB915-WB-07L	Chloride	16887-00-6	41000.0	38000.0	39000.0	37100.0	0.003	Yes
SB915-WB-07L	Hardness (as CaCO3)	HARD	32000.0	31000.0	31250.0	32000.0	0.623	
SB915-WB-07L	Iron	7439-89-6	40.0	41.1	42.0	41.1	0.362	
SB915-WB-07L	Kjeldahl Nitrogen	KN	5.7	6.7	6.4	6.8	0.295	
SB915-WB-07L	Lead	7439-92-1	0.3	0.2	0.3	0.2	0.471	
SB915-WB-07L	Magnesium	7439-95-4	360.0	347.0	355.0	348.5	0.429	
SB915-WB-07L	Manganese	7439-96-5	2.8	2.7	2.8	2.9	0.391	
SB915-WB-07L	Nitrate	14797-55-8	2.5	1.9	2.3	3.8	0.068	
SB915-WB-07L	Potassium	7440-09-7	180.0	179.5	175.0	175.0	0.577	
SB915-WB-07L	Sodium	7440-23-5	11000.0	10000.0	10050.0	11000.0	0.460	
SB915-WB-07L	Sulfate	14808-79-8	580.0	570.5	590.0	605.5	0.245	
SB915-WB-07L	Total Dissolved Oxygen	TDS	63000.0	71000.0	76000.0	71000.0	0.036	
SB915-WB-07L	Total Organic Carbon	TOC	0.5	0.5	0.3	0.5	0.580	
SB915-WB-07L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.803	
SB915-WB-07R	Alkalinity	ALK	70.0	67.1	64.2	68.0	0.932	
SB915-WB-07R	Ammonia	NH3N	10.0	11.0	10.5	11.0	0.523	
SB915-WB-07R	Bromide	24959-67-9	96.0	90.5	67.6	94.5	0.907	
SB915-WB-07R	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.805	
SB915-WB-07R	Calcium	7440-70-2	2500.0	2600.0	2400.0	2550.0	0.377	
SB915-WB-07R	Chemical Oxygen Demand	COD	1200.0	2800.0	695.0	1250.0	0.564	
SB915-WB-07R	Chloride	16887-00-6	98000.0	92500.0	92350.0	95550.0	0.249	
SB915-WB-07R	Hardness (as CaCO3)	HARD	8400.0	8650.0	8250.0	8750.0	0.145	
SB915-WB-07R	Iron	7439-89-6	3.0	3.5	3.2	4.6	0.087	
SB915-WB-07R	Kjeldahl Nitrogen	KN	9.7	8.0	5.9	9.5	0.629	
SB915-WB-07R	Lead	7439-92-1	0.3	0.2	0.5	0.3	0.190	
SB915-WB-07R	Magnesium	7439-95-4	410.0	420.0	390.0	425.0	0.180	
SB915-WB-07R	Manganese	7439-96-5	2.9	3.4	3.0	3.5	0.374	
SB915-WB-07R	Nitrate	14797-55-8	5.0	5.0	5.0	8.8	0.097	
SB915-WB-07R	Potassium	7440-09-7	380.0	385.5	345.0	400.0	0.783	
SB915-WB-07R	Sodium	7440-23-5	56000.0	58000.0	49500.0	61000.0	0.034	
SB915-WB-07R	Sulfate	14808-79-8	4400.0	4250.0	4235.0	4350.0	0.535	
SB915-WB-07R	Total Dissolved Oxygen	TDS	150000.0	165000.0	165000.0	160000.0	0.351	
SB915-WB-07R	Total Organic Carbon	TOC	0.5	0.5	0.5	0.5	0.764	
SB915-WB-07R	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.600	
SB915-WB-07U	Alkalinity	ALK	190.0	181.5	175.0	185.0	0.799	
SB915-WB-07U	Ammonia	NH3N	2.5	2.6	2.5	2.5	0.344	
SB915-WB-07U	Bromide	24959-67-9	6.5	6.3	5.6	4.8	0.406	
SB915-WB-07U	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.712	
SB915-WB-07U	Calcium	7440-70-2	2500.0	2615.0	2675.0	2650.0	0.464	
SB915-WB-07U	Chemical Oxygen Demand	COD	160.0	254.5	99.5	101.0	0.724	
SB915-WB-07U	Chloride	16887-00-6	8500.0	8550.0	8520.0	8300.0	0.840	
SB915-WB-07U	Hardness (as CaCO3)	HARD	7300.0	7100.0	7150.0	6900.0	0.986	
SB915-WB-07U	Iron	7439-89-6	15.0	14.5	15.8	15.0	0.426	
SB915-WB-07U	Kjeldahl Nitrogen	KN	2.5	2.5	2.7	3.1	0.384	
SB915-WB-07U	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.121	
SB915-WB-07U	Magnesium	7439-95-4	140.0	135.0	145.0	140.0	0.451	
SB915-WB-07U	Manganese	7439-96-5	0.5	0.5	0.6	0.5	0.443	
SB915-WB-07U	Nitrate	14797-55-8	1.3	0.6	0.6	0.7	0.579	
SB915-WB-07U	Potassium	7440-09-7	45.0	50.2	48.9	43.5	0.472	
SB915-WB-07U	Sodium	7440-23-5	2600.0	2695.0	2715.0	2700.0	0.466	
SB915-WB-07U	Sulfate	14808-79-8	650.0	674.0	680.0	675.0	0.694	
SB915-WB-07U	Total Dissolved Oxygen	TDS	16000.0	16500.0	18500.0	17450.0	0.193	

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SB915-WB-07U	Total Organic Carbon	TOC	0.3	0.4	0.4	0.4	0.678	
SB915-WB-07U	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.998	
SB915-WB-09L	Alkalinity	ALK	85.0	90.0	89.0	91.0	0.648	
SB915-WB-09L	Ammonia	NH3N	5.1	4.2	4.3	4.3	0.314	
SB915-WB-09L	Bromide	24959-67-9	15.0	17.0	16.5	18.8	0.992	
SB915-WB-09L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.382	
SB915-WB-09L	Calcium	7440-70-2	13000.0	11000.0	12500.0	13000.0	0.979	
SB915-WB-09L	Chemical Oxygen Demand	COD	1200.0	595.0	1030.0	610.0	0.902	
SB915-WB-09L	Chloride	16887-00-6	40000.0	37500.0	39000.0	38500.0	0.642	
SB915-WB-09L	Hardness (as CaCO3)	HARD	35000.0	31500.0	32500.0	32500.0	0.470	
SB915-WB-09L	Iron	7439-89-6	46.0	39.5	46.1	44.5	0.922	
SB915-WB-09L	Kjeldahl Nitrogen	KN	3.4	5.6	4.3	5.8	0.942	
SB915-WB-09L	Lead	7439-92-1	0.1	0.2	0.2	0.3	0.728	
SB915-WB-09L	Magnesium	7439-95-4	200.0	210.0	215.0	200.0	0.887	
SB915-WB-09L	Manganese	7439-96-5	4.4	3.2	3.8	4.2	0.976	
SB915-WB-09L	Nitrate	14797-55-8	5.0	2.5	2.5	4.0	0.299	
SB915-WB-09L	Potassium	7440-09-7	95.0	97.5	91.9	91.5	0.846	
SB915-WB-09L	Sodium	7440-23-5	10000.0	9650.0	10145.0	9950.0	0.863	
SB915-WB-09L	Sulfate	14808-79-8	940.0	1100.0	990.0	985.0	0.851	
SB915-WB-09L	Total Dissolved Oxygen	TDS	67000.0	74500.0	79500.0	74150.0	0.126	
SB915-WB-09L	Total Organic Carbon	TOC	0.6	0.6	0.6	0.5	0.943	
SB915-WB-09L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.477	
SB915-WB-09U	Alkalinity	ALK	260.0	240.0	197.5	216.5	0.443	
SB915-WB-09U	Ammonia	NH3N	2.4	2.9	3.4	5.3	0.042	
SB915-WB-09U	Bromide	24959-67-9	0.9	2.5	2.7	4.5	0.477	
SB915-WB-09U	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.865	
SB915-WB-09U	Calcium	7440-70-2	310.0	1630.0	1680.0	2950.0	0.076	
SB915-WB-09U	Chemical Oxygen Demand	COD	42.0	58.8	74.8	625.5	0.607	
SB915-WB-09U	Chloride	16887-00-6	560.0	4600.0	4600.0	7090.0	0.121	
SB915-WB-09U	Hardness (as CaCO3)	HARD	780.0	4350.0	4105.0	8300.0	0.066	
SB915-WB-09U	Iron	7439-89-6	1.4	0.3	0.5	0.4	0.497	
SB915-WB-09U	Kjeldahl Nitrogen	KN	3.6	3.3	5.9	9.7	0.238	
SB915-WB-09U	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.523	
SB915-WB-09U	Magnesium	7439-95-4	4.0	0.4	0.8	13.8	0.791	
SB915-WB-09U	Manganese	7439-96-5	0.2	0.0	0.0	0.1	0.324	
SB915-WB-09U	Nitrate	14797-55-8	0.1	0.5	0.4	1.5	0.095	
SB915-WB-09U	Potassium	7440-09-7	25.0	83.0	83.4	144.5	0.074	
SB915-WB-09U	Sodium	7440-23-5	270.0	910.0	860.5	1470.0	0.111	
SB915-WB-09U	Sulfate	14808-79-8	150.0	110.0	91.4	67.8	0.165	
SB915-WB-09U	Total Dissolved Oxygen	TDS	1600.0	8000.0	9750.0	12900.0	0.039	
SB915-WB-09U	Total Organic Carbon	TOC	11.0	6.4	7.5	11.0	0.103	
SB915-WB-09U	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.1	0.2	0.004	Yes
SB915-WB-10L	Alkalinity	ALK	71.0	78.0	69.5	75.0	0.849	
SB915-WB-10L	Ammonia	NH3N	6.0	6.0	6.2	6.1	0.912	
SB915-WB-10L	Bromide	24959-67-9	25.0	16.5	27.0	25.0	0.620	
SB915-WB-10L	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.709	
SB915-WB-10L	Calcium	7440-70-2	13000.0	12600.0	13500.0	13050.0	0.926	
SB915-WB-10L	Chemical Oxygen Demand	COD	730.0	600.0	1050.0	605.0	0.728	
SB915-WB-10L	Chloride	16887-00-6	44000.0	42000.0	42600.0	41500.0	0.345	
SB915-WB-10L	Hardness (as CaCO3)	HARD	35000.0	34500.0	35000.0	34500.0	0.146	
SB915-WB-10L	Iron	7439-89-6	62.0	59.0	67.7	61.5	0.661	
SB915-WB-10L	Kjeldahl Nitrogen	KN	7.8	5.4	6.3	6.8	0.588	
SB915-WB-10L	Lead	7439-92-1	0.1	0.3	0.2	0.3	0.822	
SB915-WB-10L	Magnesium	7439-95-4	210.0	205.5	211.5	205.0	0.817	
SB915-WB-10L	Manganese	7439-96-5	2.5	2.4	2.6	2.6	0.641	
SB915-WB-10L	Nitrate	14797-55-8	5.0	2.5	3.8	5.0	0.493	
SB915-WB-10L	Potassium	7440-09-7	110.0	110.0	109.5	110.0	0.658	
SB915-WB-10L	Sodium	7440-23-5	11000.0	10350.0	11000.0	10700.0	0.797	
SB915-WB-10L	Sulfate	14808-79-8	880.0	887.0	920.0	885.0	0.961	
SB915-WB-10L	Total Dissolved Oxygen	TDS	72000.0	74500.0	83500.0	75150.0	0.015	
SB915-WB-10L	Total Organic Carbon	TOC	0.6	0.5	0.6	0.5	0.623	
SB915-WB-10L	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.983	

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SB915-WB-10U	Alkalinity	ALK	200.0	1055.0	420.0	190.0	0.083	
SB915-WB-10U	Ammonia	NH3N	5.2	2.6	13.0	22.0	0.387	
SB915-WB-10U	Bromide	24959-67-9	5.6	5.7	12.0	8.2	0.458	
SB915-WB-10U	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.828	
SB915-WB-10U	Calcium	7440-70-2	3100.0	2850.0	4600.0	7720.0	0.520	
SB915-WB-10U	Chemical Oxygen Demand	COD	250.0	52.0	230.0	430.0	0.872	
SB915-WB-10U	Chloride	16887-00-6	8600.0	7600.0	13000.0	22000.0	0.746	
SB915-WB-10U	Hardness (as CaCO3)	HARD	7200.0	7650.0	13000.0	19400.0	0.632	
SB915-WB-10U	Iron	7439-89-6	13.0	1.1	9.2	38.2	0.805	
SB915-WB-10U	Kjeldahl Nitrogen	KN	7.3	3.6	16.0	14.0	0.839	
SB915-WB-10U	Lead	7439-92-1	0.0	0.1	0.1	0.1	0.141	
SB915-WB-10U	Magnesium	7439-95-4	29.0	25.0	25.0	81.0	0.419	
SB915-WB-10U	Manganese	7439-96-5	1.5	0.1	0.5	4.5	0.617	
SB915-WB-10U	Nitrate	14797-55-8	0.5	0.5	1.3	2.5	0.167	
SB915-WB-10U	Potassium	7440-09-7	110.0	97.0	130.0	240.0	0.663	
SB915-WB-10U	Sodium	7440-23-5	1800.0	1130.0	2600.0	5070.0	0.446	
SB915-WB-10U	Sulfate	14808-79-8	69.0	32.0	51.0	78.0	0.326	
SB915-WB-10U	Total Dissolved Oxygen	TDS	12000.0	15000.0	28000.0	35000.0	0.572	
SB915-WB-10U	Total Organic Carbon	TOC	5.7	3.1	11.0	12.0	0.211	
SB915-WB-10U	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.1	0.1	0.1	0.888	
SB915-WB-15B/15S	Alkalinity	ALK	635.0	600.0	610.0	565.0	0.823	
SB915-WB-15B/15S	Ammonia	NH3N	11.5	14.0	9.4	14.0	0.815	
SB915-WB-15B/15S	Bromide	24959-67-9	0.7	1.0	0.8	1.7	0.438	
SB915-WB-15B/15S	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.000	Yes
SB915-WB-15B/15S	Calcium	7440-70-2	795.0	740.0	540.0	850.0	0.153	
SB915-WB-15B/15S	Chemical Oxygen Demand	COD	155.0	140.0	150.0	145.0	0.574	
SB915-WB-15B/15S	Chloride	16887-00-6	1450.0	1600.0	1300.0	1600.0	0.939	
SB915-WB-15B/15S	Hardness (as CaCO3)	HARD	1850.0	2100.0	1800.0	2000.0	0.958	
SB915-WB-15B/15S	Iron	7439-89-6	0.1	0.5	0.5	0.5	0.313	
SB915-WB-15B/15S	Kjeldahl Nitrogen	KN	18.5	22.0	17.0	18.0	0.850	
SB915-WB-15B/15S	Lead	7439-92-1	0.0	0.1	0.1	0.1	0.000	Yes
SB915-WB-15B/15S	Magnesium	7439-95-4	1.4	25.0	25.0	12.8	0.134	
SB915-WB-15B/15S	Manganese	7439-96-5	0.0	0.1	0.1	0.1	0.244	
SB915-WB-15B/15S	Nitrate	14797-55-8	0.3	0.1	0.3	0.4	0.137	
SB915-WB-15B/15S	Potassium	7440-09-7	63.0	60.0	41.0	81.0	0.375	
SB915-WB-15B/15S	Sodium	7440-23-5	285.0	260.0	180.0	375.0	0.368	
SB915-WB-15B/15S	Sulfate	14808-79-8	9.6	9.3	12.0	8.8	0.760	
SB915-WB-15B/15S	Total Dissolved Oxygen	TDS	3100.0	3400.0	4000.0	4200.0	0.748	
SB915-WB-15B/15S	Total Organic Carbon	TOC	39.5	41.0	35.0	39.5	0.974	
SB915-WB-15B/15S	Total Recoverable Phenolics	TOTREC-PHN	1.1	1.6	1.9	1.1	0.743	

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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-MH-01	Alkalinity	ALK	130.0	181.0	215.5	165.0	0.486	
SB915-MH-01	Ammonia	NH3N	10.0	10.4	11.9	9.5	0.311	
SB915-MH-01	Bromide	24959-67-9	0.9	1.3	1.3	1.6	0.641	
SB915-MH-01	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.388	
SB915-MH-01	Calcium	7440-70-2	780.0	649.0	1093.0	1100.0	0.221	
SB915-MH-01	Chemical Oxygen Demand	COD	96.0	80.2	89.5	69.0	0.520	
SB915-MH-01	Chloride	16887-00-6	1700.0	2000.0	3320.0	3250.0	0.279	
SB915-MH-01	Hardness (as CaCO3)	HARD	2000.0	1700.0	2630.0	2700.0	0.320	
SB915-MH-01	Iron	7439-89-6	0.2	0.3	0.5	0.5	0.270	
SB915-MH-01	Kjeldahl Nitrogen	KN	14.0	12.5	11.5	10.8	0.384	
SB915-MH-01	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.260	
SB915-MH-01	Magnesium	7439-95-4	2.5	4.1	2.1	4.0	0.977	
SB915-MH-01	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.522	
SB915-MH-01	Nitrate	14797-55-8	0.3	0.3	0.3	0.4	0.473	
SB915-MH-01	Potassium	7440-09-7	41.0	36.5	55.2	55.5	0.156	
SB915-MH-01	Sodium	7440-23-5	650.0	505.0	865.0	950.0	0.505	
SB915-MH-01	Sulfate	14808-79-8	25.0	26.0	30.5	35.6	0.788	
SB915-MH-01	Total Dissolved Oxygen	TDS	3900.0	3700.0	6130.0	6750.0	0.129	
SB915-MH-01	Total Organic Carbon	TOC	17.0	20.0	14.0	12.5	0.016	
SB915-MH-01	Total Recoverable Phenolics	TOTREC-PHN	1.0	0.9	0.9	0.7	0.168	
SB915-MH-02	Alkalinity	ALK	140.0	185.0	217.5	160.0	0.313	
SB915-MH-02	Ammonia	NH3N	10.0	9.6	11.0	9.3	0.658	
SB915-MH-02	Bromide	24959-67-9	1.2	1.3	1.2	1.5	0.576	
SB915-MH-02	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.468	
SB915-MH-02	Calcium	7440-70-2	770.0	645.0	1099.0	1100.0	0.173	
SB915-MH-02	Chemical Oxygen Demand	COD	100.0	82.0	90.8	95.5	0.616	
SB915-MH-02	Chloride	16887-00-6	1700.0	1700.0	3430.0	3200.0	0.082	
SB915-MH-02	Hardness (as CaCO3)	HARD	2200.0	1650.0	2695.0	2850.0	0.278	
SB915-MH-02	Iron	7439-89-6	0.5	0.3	0.5	0.5	0.169	
SB915-MH-02	Kjeldahl Nitrogen	KN	14.0	12.6	12.0	11.0	0.422	
SB915-MH-02	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.250	
SB915-MH-02	Magnesium	7439-95-4	2.5	3.9	2.2	4.1	0.874	
SB915-MH-02	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.679	
SB915-MH-02	Nitrate	14797-55-8	0.3	0.3	0.3	0.5	0.062	
SB915-MH-02	Potassium	7440-09-7	38.0	35.0	57.7	55.5	0.095	
SB915-MH-02	Sodium	7440-23-5	650.0	495.0	967.0	930.0	0.152	
SB915-MH-02	Sulfate	14808-79-8	25.0	24.5	31.1	34.2	0.747	
SB915-MH-02	Total Dissolved Oxygen	TDS	4000.0	3350.0	6385.0	7000.0	0.053	
SB915-MH-02	Total Organic Carbon	TOC	18.0	19.8	14.0	12.0	0.017	
SB915-MH-02	Total Recoverable Phenolics	TOTREC-PHN	0.9	0.8	0.9	0.6	0.478	
SB915-MH-03	Alkalinity	ALK	92.0	126.5	142.0	75.0	0.221	
SB915-MH-03	Ammonia	NH3N	6.2	6.3	8.5	8.1	0.314	
SB915-MH-03	Bromide	24959-67-9	2.5	2.6	3.8	6.3	0.430	
SB915-MH-03	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.583	
SB915-MH-03	Calcium	7440-70-2	1300.0	1485.0	2285.0	2850.0	0.045	
SB915-MH-03	Chemical Oxygen Demand	COD	110.0	60.5	105.8	170.0	0.394	
SB915-MH-03	Chloride	16887-00-6	4000.0	4850.0	7550.0	9250.0	0.012	
SB915-MH-03	Hardness (as CaCO3)	HARD	3300.0	3850.0	5600.0	7450.0	0.065	
SB915-MH-03	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.654	
SB915-MH-03	Kjeldahl Nitrogen	KN	9.7	7.4	8.6	8.5	0.755	
SB915-MH-03	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.292	
SB915-MH-03	Magnesium	7439-95-4	9.3	5.3	6.6	14.5	0.669	
SB915-MH-03	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.191	
SB915-MH-03	Nitrate	14797-55-8	0.5	0.6	0.6	0.5	0.458	
SB915-MH-03	Potassium	7440-09-7	55.0	63.5	87.0	94.0	0.130	

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SB915-MH-03	Sodium	7440-23-5	1200.0	1450.0	2155.0	2600.0	0.048	
SB915-MH-03	Sulfate	14808-79-8	37.0	30.9	44.0	71.0	0.002	Yes
SB915-MH-03	Total Dissolved Oxygen	TDS	7400.0	8800.0	14500.0	17500.0	0.033	
SB915-MH-03	Total Organic Carbon	TOC	6.2	6.0	5.4	4.9	0.272	
SB915-MH-03	Total Recoverable Phenolics	TOTREC-PHN	0.4	0.4	0.4	0.3	0.331	
SB915-MH-04	Alkalinity	ALK	130.0	210.0	185.0	94.0	0.079	
SB915-MH-04	Ammonia	NH3N	5.4	5.0	7.1	7.4	0.819	
SB915-MH-04	Bromide	24959-67-9	2.5	2.6	4.6	5.2	0.387	
SB915-MH-04	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.583	
SB915-MH-04	Calcium	7440-70-2	1300.0	1485.0	2340.0	3150.0	0.019	
SB915-MH-04	Chemical Oxygen Demand	COD	81.0	83.0	90.0	150.0	0.557	
SB915-MH-04	Chloride	16887-00-6	3800.0	5005.0	8040.0	10150.0	0.006	Yes
SB915-MH-04	Hardness (as CaCO3)	HARD	3400.0	4100.0	6200.0	8150.0	0.028	
SB915-MH-04	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.594	
SB915-MH-04	Kjeldahl Nitrogen	KN	8.3	6.5	8.8	7.7	0.704	
SB915-MH-04	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.137	
SB915-MH-04	Magnesium	7439-95-4	7.8	5.6	3.7	12.6	0.794	
SB915-MH-04	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.949	
SB915-MH-04	Nitrate	14797-55-8	0.5	0.7	0.6	0.5	0.830	
SB915-MH-04	Potassium	7440-09-7	50.0	58.0	83.2	92.5	0.071	
SB915-MH-04	Sodium	7440-23-5	1200.0	1380.0	2125.0	2750.0	0.020	
SB915-MH-04	Sulfate	14808-79-8	35.0	29.8	37.8	85.5	0.000	Yes
SB915-MH-04	Total Dissolved Oxygen	TDS	7400.0	8890.0	16000.0	19000.0	0.016	
SB915-MH-04	Total Organic Carbon	TOC	4.8	5.4	5.0	3.9	0.244	
SB915-MH-04	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.4	0.2	0.411	
SB915-MH-05	Alkalinity	ALK	110.0	240.0	186.5	93.0	0.026	
SB915-MH-05	Ammonia	NH3N	5.2	5.4	7.4	7.2	0.431	
SB915-MH-05	Bromide	24959-67-9	2.5	2.6	3.3	5.7	0.629	
SB915-MH-05	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.580	
SB915-MH-05	Calcium	7440-70-2	1300.0	1480.0	2325.0	3100.0	0.031	
SB915-MH-05	Chemical Oxygen Demand	COD	160.0	72.0	80.7	109.5	0.674	
SB915-MH-05	Chloride	16887-00-6	3900.0	4985.0	6260.0	9900.0	0.052	
SB915-MH-05	Hardness (as CaCO3)	HARD	3400.0	4055.0	5955.0	8050.0	0.027	
SB915-MH-05	Iron	7439-89-6	0.2	0.4	0.4	0.5	0.611	
SB915-MH-05	Kjeldahl Nitrogen	KN	7.6	6.3	7.5	7.8	0.912	
SB915-MH-05	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.292	
SB915-MH-05	Magnesium	7439-95-4	7.7	3.9	2.5	12.7	0.660	
SB915-MH-05	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.748	
SB915-MH-05	Nitrate	14797-55-8	0.5	0.6	0.5	0.5	0.931	
SB915-MH-05	Potassium	7440-09-7	53.0	57.0	86.1	94.5	0.105	
SB915-MH-05	Sodium	7440-23-5	1100.0	1400.0	2160.0	2750.0	0.029	
SB915-MH-05	Sulfate	14808-79-8	35.0	28.1	33.3	60.5	0.004	Yes
SB915-MH-05	Total Dissolved Oxygen	TDS	7200.0	8420.0	15000.0	19000.0	0.018	
SB915-MH-05	Total Organic Carbon	TOC	5.1	6.0	4.4	3.9	0.212	
SB915-MH-05	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.3	0.2	0.538	
SB915-MH-06	Alkalinity	ALK	97.0	227.5	140.0	63.0	0.167	
SB915-MH-06	Ammonia	NH3N	6.2	5.9	7.7	7.6	0.261	
SB915-MH-06	Bromide	24959-67-9	2.5	2.6	3.8	5.9	0.289	
SB915-MH-06	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.583	
SB915-MH-06	Calcium	7440-70-2	1300.0	1570.0	2500.0	3100.0	0.012	
SB915-MH-06	Chemical Oxygen Demand	COD	86.0	71.9	87.9	175.0	0.597	
SB915-MH-06	Chloride	16887-00-6	3900.0	4850.0	7860.0	9800.0	0.010	
SB915-MH-06	Hardness (as CaCO3)	HARD	3500.0	4300.0	6100.0	8200.0	0.015	
SB915-MH-06	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.595	
SB915-MH-06	Kjeldahl Nitrogen	KN	7.6	6.8	7.9	9.0	0.511	

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SB915-MH-06	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.292	
SB915-MH-06	Magnesium	7439-95-4	7.7	4.2	5.2	11.7	0.853	
SB915-MH-06	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.424	
SB915-MH-06	Nitrate	14797-55-8	0.5	0.6	0.6	0.5	0.885	
SB915-MH-06	Potassium	7440-09-7	47.0	56.0	90.0	93.5	0.045	
SB915-MH-06	Sodium	7440-23-5	1200.0	1335.0	2200.0	2700.0	0.024	
SB915-MH-06	Sulfate	14808-79-8	35.0	30.4	35.8	60.0	0.003	Yes
SB915-MH-06	Total Dissolved Oxygen	TDS	7400.0	8575.0	17000.0	19500.0	0.015	
SB915-MH-06	Total Organic Carbon	TOC	5.2	6.3	4.6	4.9	0.655	
SB915-MH-06	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.3	0.2	0.418	
SB915-MH-07	Alkalinity	ALK	88.0	244.0	139.5	79.0	0.001	Yes
SB915-MH-07	Ammonia	NH3N	6.4	5.5	8.0	7.9	0.706	
SB915-MH-07	Bromide	24959-67-9	2.5	2.8	4.3	5.1	0.297	
SB915-MH-07	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.580	
SB915-MH-07	Calcium	7440-70-2	1300.0	1530.0	2370.0	3110.0	0.019	
SB915-MH-07	Chemical Oxygen Demand	COD	110.0	76.0	89.5	175.0	0.530	
SB915-MH-07	Chloride	16887-00-6	3800.0	4825.0	7945.0	9325.0	0.013	
SB915-MH-07	Hardness (as CaCO3)	HARD	3400.0	4150.0	6150.0	8200.0	0.030	
SB915-MH-07	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.567	
SB915-MH-07	Kjeldahl Nitrogen	KN	7.9	6.4	8.7	7.8	0.901	
SB915-MH-07	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.292	
SB915-MH-07	Magnesium	7439-95-4	7.5	4.1	3.7	11.3	0.779	
SB915-MH-07	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.120	
SB915-MH-07	Nitrate	14797-55-8	0.5	0.6	0.5	0.5	0.967	
SB915-MH-07	Potassium	7440-09-7	48.0	58.5	88.8	97.0	0.036	
SB915-MH-07	Sodium	7440-23-5	1100.0	1340.0	2210.0	2750.0	0.011	
SB915-MH-07	Sulfate	14808-79-8	35.0	32.5	37.0	52.5	0.014	
SB915-MH-07	Total Dissolved Oxygen	TDS	7400.0	8390.0	16500.0	19000.0	0.036	
SB915-MH-07	Total Organic Carbon	TOC	5.2	6.6	5.8	6.2	0.622	
SB915-MH-07	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.3	0.2	0.579	
SB915-MH-08	Alkalinity	ALK	130.0	255.0	95.0	76.0	0.003	Yes
SB915-MH-08	Ammonia	NH3N	7.1	5.7	7.4	7.7	0.728	
SB915-MH-08	Bromide	24959-67-9	2.5	2.7	4.7	5.6	0.319	
SB915-MH-08	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.580	
SB915-MH-08	Calcium	7440-70-2	1300.0	1665.0	2345.0	3055.0	0.031	
SB915-MH-08	Chemical Oxygen Demand	COD	97.0	98.0	95.5	150.0	0.666	
SB915-MH-08	Chloride	16887-00-6	3700.0	4850.0	8000.0	9335.0	0.014	
SB915-MH-08	Hardness (as CaCO3)	HARD	3400.0	4325.0	6050.0	8050.0	0.031	
SB915-MH-08	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.418	
SB915-MH-08	Kjeldahl Nitrogen	KN	7.6	6.6	8.1	8.8	0.949	
SB915-MH-08	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.494	
SB915-MH-08	Magnesium	7439-95-4	6.9	3.9	2.5	11.8	0.710	
SB915-MH-08	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.304	
SB915-MH-08	Nitrate	14797-55-8	0.5	0.6	0.6	0.5	0.753	
SB915-MH-08	Potassium	7440-09-7	49.0	58.0	87.6	97.0	0.040	
SB915-MH-08	Sodium	7440-23-5	1100.0	1350.0	2185.0	2725.0	0.019	
SB915-MH-08	Sulfate	14808-79-8	35.0	32.0	35.5	58.5	0.008	Yes
SB915-MH-08	Total Dissolved Oxygen	TDS	7400.0	8225.0	15800.0	19050.0	0.025	
SB915-MH-08	Total Organic Carbon	TOC	5.2	7.5	5.9	6.2	0.528	
SB915-MH-08	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.3	0.2	0.569	
SB915-MH-09	Alkalinity	ALK	88.0	250.0	81.5	55.0	0.002	Yes
SB915-MH-09	Ammonia	NH3N	6.4	5.2	7.6	7.8	0.268	
SB915-MH-09	Bromide	24959-67-9	2.5	2.6	4.8	5.6	0.221	
SB915-MH-09	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.583	
SB915-MH-09	Calcium	7440-70-2	1300.0	1450.0	2355.0	3050.0	0.017	

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SB915-MH-09	Chemical Oxygen Demand	COD	90.0	78.0	125.0	125.0	0.594	
SB915-MH-09	Chloride	16887-00-6	3800.0	4960.0	7710.0	9600.0	0.022	
SB915-MH-09	Hardness (as CaCO3)	HARD	3400.0	3750.0	6050.0	8000.0	0.019	
SB915-MH-09	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.505	
SB915-MH-09	Kjeldahl Nitrogen	KN	8.0	6.9	8.1	7.8	0.804	
SB915-MH-09	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.254	
SB915-MH-09	Magnesium	7439-95-4	7.6	3.8	3.8	11.6	0.840	
SB915-MH-09	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.605	
SB915-MH-09	Nitrate	14797-55-8	0.5	0.6	0.5	0.4	0.400	
SB915-MH-09	Potassium	7440-09-7	51.0	55.0	83.1	97.5	0.029	
SB915-MH-09	Sodium	7440-23-5	1200.0	1300.0	2095.0	2800.0	0.014	
SB915-MH-09	Sulfate	14808-79-8	36.0	30.2	41.5	57.6	0.027	
SB915-MH-09	Total Dissolved Oxygen	TDS	7400.0	8270.0	13500.0	19000.0	0.047	
SB915-MH-09	Total Organic Carbon	TOC	5.3	7.6	5.9	5.9	0.834	
SB915-MH-09	Total Recoverable Phenolics	TOTREC-PHN	0.3	0.2	0.3	0.2	0.398	
SB915-MH-10	Alkalinity	ALK	220.0	265.0	220.0	230.0	0.657	
SB915-MH-10	Ammonia	NH3N	6.6	6.0	7.4	7.3	0.558	
SB915-MH-10	Bromide	24959-67-9	4.3	3.2	5.1	6.4	0.343	
SB915-MH-10	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.564	
SB915-MH-10	Calcium	7440-70-2	2300.0	1895.0	3150.0	4120.0	0.003	Yes
SB915-MH-10	Chemical Oxygen Demand	COD	250.0	91.6	232.0	225.0	0.411	
SB915-MH-10	Chloride	16887-00-6	7000.0	6200.0	9470.0	12200.0	0.023	
SB915-MH-10	Hardness (as CaCO3)	HARD	5900.0	4605.0	7820.0	9750.0	0.008	Yes
SB915-MH-10	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.548	
SB915-MH-10	Kjeldahl Nitrogen	KN	7.9	6.8	7.7	8.1	0.984	
SB915-MH-10	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.359	
SB915-MH-10	Magnesium	7439-95-4	6.1	3.6	3.2	8.5	0.972	
SB915-MH-10	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.193	
SB915-MH-10	Nitrate	14797-55-8	0.6	0.6	0.5	0.8	0.940	
SB915-MH-10	Potassium	7440-09-7	68.0	67.0	93.5	110.0	0.114	
SB915-MH-10	Sodium	7440-23-5	1700.0	1550.0	2495.0	3050.0	0.003	Yes
SB915-MH-10	Sulfate	14808-79-8	35.0	33.0	41.0	64.5	0.027	
SB915-MH-10	Total Dissolved Oxygen	TDS	9500.0	12000.0	18700.0	24200.0	0.024	
SB915-MH-10	Total Organic Carbon	TOC	4.7	6.6	4.6	4.6	0.291	
SB915-MH-10	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.3	0.1	0.356	
SB915-MH-11	Alkalinity	ALK	290.0	305.0	240.0	315.0	0.782	
SB915-MH-11	Ammonia	NH3N	6.6	5.5	6.8	7.2	0.357	
SB915-MH-11	Bromide	24959-67-9	6.5	3.3	5.1	6.2	0.460	
SB915-MH-11	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.582	
SB915-MH-11	Calcium	7440-70-2	2600.0	2150.0	3550.0	5080.0	0.001	Yes
SB915-MH-11	Chemical Oxygen Demand	COD	200.0	99.5	200.0	215.0	0.473	
SB915-MH-11	Chloride	16887-00-6	7600.0	6100.0	10215.0	14200.0	0.006	Yes
SB915-MH-11	Hardness (as CaCO3)	HARD	7100.0	5400.0	8610.0	13000.0	0.002	Yes
SB915-MH-11	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.286	
SB915-MH-11	Kjeldahl Nitrogen	KN	7.5	6.5	7.1	8.2	0.963	
SB915-MH-11	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.348	
SB915-MH-11	Magnesium	7439-95-4	6.0	3.4	3.1	11.6	0.898	
SB915-MH-11	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.720	
SB915-MH-11	Nitrate	14797-55-8	1.3	0.6	0.9	1.3	0.079	
SB915-MH-11	Potassium	7440-09-7	62.0	69.0	98.5	115.0	0.005	Yes
SB915-MH-11	Sodium	7440-23-5	1900.0	1600.0	2650.0	3500.0	0.000	Yes
SB915-MH-11	Sulfate	14808-79-8	36.0	28.6	34.5	48.0	0.081	
SB915-MH-11	Total Dissolved Oxygen	TDS	13000.0	12000.0	25050.0	29450.0	0.002	Yes
SB915-MH-11	Total Organic Carbon	TOC	4.2	6.1	4.1	4.2	0.122	
SB915-MH-11	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.3	0.1	0.142	

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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-MH-12	Alkalinity	ALK	130.0	235.5	206.5	189.0	0.590	
SB915-MH-12	Ammonia	NH3N	6.2	4.9	6.1	5.9	0.298	
SB915-MH-12	Bromide	24959-67-9	6.5	4.8	5.7	6.9	0.704	
SB915-MH-12	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.651	
SB915-MH-12	Calcium	7440-70-2	3200.0	2530.0	4185.0	5200.0	0.004	Yes
SB915-MH-12	Chemical Oxygen Demand	COD	110.0	80.5	190.0	135.0	0.386	
SB915-MH-12	Chloride	16887-00-6	9000.0	8150.0	12150.0	16000.0	0.018	
SB915-MH-12	Hardness (as CaCO3)	HARD	8400.0	6550.0	10510.0	14000.0	0.009	Yes
SB915-MH-12	Iron	7439-89-6	0.5	0.4	0.4	0.4	0.451	
SB915-MH-12	Kjeldahl Nitrogen	KN	7.3	5.5	6.5	6.3	0.520	
SB915-MH-12	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.380	
SB915-MH-12	Magnesium	7439-95-4	7.6	8.5	5.0	11.2	0.995	
SB915-MH-12	Manganese	7439-96-5	0.1	0.1	0.1	0.2	0.344	
SB915-MH-12	Nitrate	14797-55-8	1.3	0.7	0.9	1.3	0.705	
SB915-MH-12	Potassium	7440-09-7	76.0	84.0	122.0	150.0	0.003	Yes
SB915-MH-12	Sodium	7440-23-5	2000.0	1850.0	3010.0	3700.0	0.002	Yes
SB915-MH-12	Sulfate	14808-79-8	39.0	32.6	45.5	79.0	0.005	Yes
SB915-MH-12	Total Dissolved Oxygen	TDS	17000.0	15650.0	27350.0	30950.0	0.020	
SB915-MH-12	Total Organic Carbon	TOC	3.5	5.1	3.8	3.3	0.240	
SB915-MH-12	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.2	0.1	0.116	
SB915-MH-13	Alkalinity	ALK	190.0	237.5	201.5	184.0	0.369	
SB915-MH-13	Ammonia	NH3N	5.7	5.0	6.2	5.7	0.436	
SB915-MH-13	Bromide	24959-67-9	6.5	4.6	5.5	6.9	0.636	
SB915-MH-13	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.584	
SB915-MH-13	Calcium	7440-70-2	3000.0	2375.0	4300.0	5160.0	0.002	Yes
SB915-MH-13	Chemical Oxygen Demand	COD	190.0	82.5	235.0	230.0	0.395	
SB915-MH-13	Chloride	16887-00-6	8700.0	7820.0	11500.0	13900.0	0.017	
SB915-MH-13	Hardness (as CaCO3)	HARD	7900.0	6240.0	10420.0	14000.0	0.003	Yes
SB915-MH-13	Iron	7439-89-6	0.5	0.4	0.4	0.5	0.822	
SB915-MH-13	Kjeldahl Nitrogen	KN	6.9	5.6	6.4	6.3	0.745	
SB915-MH-13	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.374	
SB915-MH-13	Magnesium	7439-95-4	6.9	8.6	5.3	10.3	0.965	
SB915-MH-13	Manganese	7439-96-5	0.1	0.1	0.2	0.2	0.024	
SB915-MH-13	Nitrate	14797-55-8	1.3	0.8	0.9	1.3	0.684	
SB915-MH-13	Potassium	7440-09-7	89.0	86.5	130.0	150.0	0.002	Yes
SB915-MH-13	Sodium	7440-23-5	2300.0	1780.0	3045.0	3650.0	0.001	Yes
SB915-MH-13	Sulfate	14808-79-8	40.0	31.2	44.0	82.5	0.009	Yes
SB915-MH-13	Total Dissolved Oxygen	TDS	16000.0	14650.0	25900.0	31650.0	0.013	
SB915-MH-13	Total Organic Carbon	TOC	3.4	5.1	3.5	3.4	0.218	
SB915-MH-13	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.2	0.1	0.627	
SB915-MH-14	Alkalinity	ALK	180.0	175.0	173.5	125.0	0.555	
SB915-MH-14	Ammonia	NH3N	3.8	4.7	6.0	5.9	0.368	
SB915-MH-14	Bromide	24959-67-9	6.5	5.8	5.2	6.6	0.365	
SB915-MH-14	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.583	
SB915-MH-14	Calcium	7440-70-2	2500.0	2430.0	4100.0	5050.0	0.002	Yes
SB915-MH-14	Chemical Oxygen Demand	COD	190.0	25.0	230.0	260.0	0.457	
SB915-MH-14	Chloride	16887-00-6	8200.0	7600.0	11920.0	14800.0	0.005	Yes
SB915-MH-14	Hardness (as CaCO3)	HARD	7700.0	6350.0	10355.0	13500.0	0.002	Yes
SB915-MH-14	Iron	7439-89-6	0.5	0.5	0.5	0.8	0.091	
SB915-MH-14	Kjeldahl Nitrogen	KN	4.1	4.8	6.1	6.5	0.894	
SB915-MH-14	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.060	
SB915-MH-14	Magnesium	7439-95-4	8.5	10.4	7.5	12.0	0.956	
SB915-MH-14	Manganese	7439-96-5	0.3	0.2	0.4	0.5	0.036	
SB915-MH-14	Nitrate	14797-55-8	1.3	1.3	0.9	1.1	0.359	
SB915-MH-14	Potassium	7440-09-7	78.0	91.0	127.5	150.0	0.003	Yes

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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-MH-14	Sodium	7440-23-5	1600.0	1800.0	2970.0	3600.0	0.001	Yes
SB915-MH-14	Sulfate	14808-79-8	56.0	34.7	47.7	74.0	0.274	
SB915-MH-14	Total Dissolved Oxygen	TDS	12000.0	14000.0	26350.0	30750.0	0.008	Yes
SB915-MH-14	Total Organic Carbon	TOC	3.6	4.7	3.4	3.3	0.265	
SB915-MH-14	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.2	0.1	0.137	
SB915-MH-15	Alkalinity	ALK	170.0	186.0	170.0	147.0	0.624	
SB915-MH-15	Ammonia	NH3N	5.7	6.1	7.3	5.8	0.412	
SB915-MH-15	Bromide	24959-67-9	2.0	3.8	4.9	6.7	0.265	
SB915-MH-15	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.564	
SB915-MH-15	Calcium	7440-70-2	2300.0	2000.0	3200.0	5165.0	0.007	Yes
SB915-MH-15	Chemical Oxygen Demand	COD	87.0	79.0	151.5	220.0	0.169	
SB915-MH-15	Chloride	16887-00-6	6800.0	5300.0	9300.0	14500.0	0.021	
SB915-MH-15	Hardness (as CaCO3)	HARD	6000.0	4800.0	8350.0	13500.0	0.003	Yes
SB915-MH-15	Iron	7439-89-6	0.3	0.8	0.4	0.6	0.091	
SB915-MH-15	Kjeldahl Nitrogen	KN	7.0	7.0	7.7	6.3	0.356	
SB915-MH-15	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.463	
SB915-MH-15	Magnesium	7439-95-4	8.3	10.8	6.4	11.7	0.974	
SB915-MH-15	Manganese	7439-96-5	0.2	0.2	0.3	0.5	0.044	
SB915-MH-15	Nitrate	14797-55-8	0.9	0.8	0.7	0.9	0.739	
SB915-MH-15	Potassium	7440-09-7	79.0	69.0	101.5	150.0	0.001	Yes
SB915-MH-15	Sodium	7440-23-5	1600.0	1400.0	2250.0	3600.0	0.006	Yes
SB915-MH-15	Sulfate	14808-79-8	46.0	45.0	49.7	72.0	0.040	
SB915-MH-15	Total Dissolved Oxygen	TDS	12000.0	9450.0	18500.0	30000.0	0.020	
SB915-MH-15	Total Organic Carbon	TOC	3.7	5.8	4.5	3.2	0.370	
SB915-MH-15	Total Recoverable Phenolics	TOTREC-PHN	0.2	0.2	0.2	0.1	0.241	
SB915-MH-16	Alkalinity	ALK	200.0	172.5	203.5	300.0	0.479	
SB915-MH-16	Ammonia	NH3N	15.0	17.0	19.9	22.0	0.640	
SB915-MH-16	Bromide	24959-67-9	1.2	1.1	1.1	1.1	0.456	
SB915-MH-16	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.552	
SB915-MH-16	Calcium	7440-70-2	530.0	445.0	820.5	822.0	0.498	
SB915-MH-16	Chemical Oxygen Demand	COD	140.0	72.0	106.5	110.0	0.502	
SB915-MH-16	Chloride	16887-00-6	1400.0	1050.0	2055.0	2140.0	0.597	
SB915-MH-16	Hardness (as CaCO3)	HARD	1400.0	1100.0	2030.0	2500.0	0.233	
SB915-MH-16	Iron	7439-89-6	0.7	0.7	1.3	3.1	0.290	
SB915-MH-16	Kjeldahl Nitrogen	KN	16.0	17.5	19.9	24.0	0.942	
SB915-MH-16	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.288	
SB915-MH-16	Magnesium	7439-95-4	4.8	2.4	2.9	10.0	0.851	
SB915-MH-16	Manganese	7439-96-5	0.2	0.2	0.2	0.3	0.517	
SB915-MH-16	Nitrate	14797-55-8	0.2	0.2	0.2	0.5	0.539	
SB915-MH-16	Potassium	7440-09-7	26.0	30.5	46.8	41.0	0.527	
SB915-MH-16	Sodium	7440-23-5	310.0	265.0	486.5	729.0	0.278	
SB915-MH-16	Sulfate	14808-79-8	57.0	63.5	51.5	75.0	0.508	
SB915-MH-16	Total Dissolved Oxygen	TDS	2600.0	2300.0	4205.0	4250.0	0.596	
SB915-MH-16	Total Organic Carbon	TOC	27.0	23.0	20.5	16.0	0.538	
SB915-MH-16	Total Recoverable Phenolics	TOTREC-PHN	1.0	0.8	0.9	0.8	0.411	
SB915-MH-17	Alkalinity	ALK	230.0	183.0	200.0	355.0	0.707	
SB915-MH-17	Ammonia	NH3N	14.0	42.0	24.0	19.5	0.380	
SB915-MH-17	Bromide	24959-67-9	0.7	2.4	2.9	4.5	0.484	
SB915-MH-17	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.285	
SB915-MH-17	Calcium	7440-70-2	570.0	1380.0	1000.0	1060.0	0.454	
SB915-MH-17	Chemical Oxygen Demand	COD	61.0	210.0	91.0	135.0	0.242	
SB915-MH-17	Chloride	16887-00-6	1500.0	2530.0	3000.0	2850.0	0.563	
SB915-MH-17	Hardness (as CaCO3)	HARD	1500.0	3760.0	2700.0	2700.0	0.466	
SB915-MH-17	Iron	7439-89-6	0.5	0.5	0.5	3.3	0.071	
SB915-MH-17	Kjeldahl Nitrogen	KN	20.0	41.0	16.0	23.0	0.121	

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SB915-MH-17	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.738	
SB915-MH-17	Magnesium	7439-95-4	7.9	19.2	1.3	14.5	0.299	
SB915-MH-17	Manganese	7439-96-5	0.1	0.2	0.0	0.1	0.402	
SB915-MH-17	Nitrate	14797-55-8	0.2	0.3	0.1	1.1	0.031	
SB915-MH-17	Potassium	7440-09-7	25.0	67.0	59.0	56.0	0.431	
SB915-MH-17	Sodium	7440-23-5	350.0	1360.0	790.0	705.0	0.458	
SB915-MH-17	Sulfate	14808-79-8	58.0	69.0	71.0	59.5	0.959	
SB915-MH-17	Total Dissolved Oxygen	TDS	1500.0	4480.0	6300.0	6250.0	0.374	
SB915-MH-17	Total Organic Carbon	TOC	28.0	34.0	26.0	26.0	0.486	
SB915-MH-17	Total Recoverable Phenolics	TOTREC-PHN	0.9	2.4	1.3	1.1	0.516	
SB915-MH-18	Alkalinity	ALK	140.0	141.5	195.0	195.0	0.424	
SB915-MH-18	Ammonia	NH3N	31.0	49.0	48.5	48.5	0.331	
SB915-MH-18	Bromide	24959-67-9	1.6	3.2	2.8	2.7	0.510	
SB915-MH-18	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.895	
SB915-MH-18	Calcium	7440-70-2	1300.0	1550.0	1650.0	1650.0	0.363	
SB915-MH-18	Chemical Oxygen Demand	COD	160.0	350.0	240.0	230.0	0.621	
SB915-MH-18	Chloride	16887-00-6	3700.0	5050.0	5350.0	5350.0	0.275	
SB915-MH-18	Hardness (as CaCO3)	HARD	3100.0	3990.0	4100.0	4250.0	0.523	
SB915-MH-18	Iron	7439-89-6	0.5	0.4	0.5	0.6	0.269	
SB915-MH-18	Kjeldahl Nitrogen	KN	28.0	46.8	40.0	53.5	0.576	
SB915-MH-18	Lead	7439-92-1	0.1	0.0	0.0	0.1	0.469	
SB915-MH-18	Magnesium	7439-95-4	18.0	21.5	10.5	4.8	0.234	
SB915-MH-18	Manganese	7439-96-5	0.1	0.2	0.1	0.1	0.306	
SB915-MH-18	Nitrate	14797-55-8	0.5	0.5	0.4	0.6	0.771	
SB915-MH-18	Potassium	7440-09-7	59.0	73.0	74.5	73.4	0.370	
SB915-MH-18	Sodium	7440-23-5	1300.0	1580.0	1550.0	1550.0	0.434	
SB915-MH-18	Sulfate	14808-79-8	57.0	75.3	52.5	55.8	0.805	
SB915-MH-18	Total Dissolved Oxygen	TDS	7200.0	9900.0	11000.0	11000.0	0.131	
SB915-MH-18	Total Organic Carbon	TOC	26.0	37.0	32.5	24.0	0.540	
SB915-MH-18	Total Recoverable Phenolics	TOTREC-PHN	1.9	3.3	3.0	1.3	0.139	
SB915-PCP-01	Alkalinity	ALK	130.0	125.0	460.0	555.0	0.097	
SB915-PCP-01	Ammonia	NH3N	0.9	0.8	1.8	2.0	0.319	
SB915-PCP-01	Bromide	24959-67-9	1.3	2.5	3.7	4.8	0.324	
SB915-PCP-01	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.742	
SB915-PCP-01	Calcium	7440-70-2	1200.0	1450.0	2660.0	2500.0	0.014	
SB915-PCP-01	Chemical Oxygen Demand	COD	82.0	33.0	75.7	87.5	0.373	
SB915-PCP-01	Chloride	16887-00-6	2900.0	3550.0	6050.0	5650.0	0.037	
SB915-PCP-01	Hardness (as CaCO3)	HARD	3600.0	3750.0	6620.0	6450.0	0.015	
SB915-PCP-01	Iron	7439-89-6	0.3	0.5	0.3	0.5	0.059	
SB915-PCP-01	Kjeldahl Nitrogen	KN	2.0	1.2	2.1	2.7	0.841	
SB915-PCP-01	Lead	7439-92-1	0.1	0.0	0.1	0.1	0.833	
SB915-PCP-01	Magnesium	7439-95-4	9.8	11.8	5.3	25.0	0.118	
SB915-PCP-01	Manganese	7439-96-5	0.4	0.4	0.1	0.4	0.417	
SB915-PCP-01	Nitrate	14797-55-8	0.5	0.4	0.5	0.6	0.724	
SB915-PCP-01	Potassium	7440-09-7	50.0	62.0	116.0	120.0	0.006	Yes
SB915-PCP-01	Sodium	7440-23-5	590.0	670.0	1280.0	1200.0	0.030	
SB915-PCP-01	Sulfate	14808-79-8	42.0	71.5	66.0	61.0	0.196	
SB915-PCP-01	Total Dissolved Oxygen	TDS	5500.0	6300.0	15000.0	11900.0	0.005	Yes
SB915-PCP-01	Total Organic Carbon	TOC	3.1	1.8	2.0	3.6	0.273	
SB915-PCP-01	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.135	
SB915-PCP-02	Alkalinity	ALK	860.0	880.0	980.0	720.0	0.612	
SB915-PCP-02	Ammonia	NH3N	4.5	1.8	3.6	5.7	0.001	Yes
SB915-PCP-02	Bromide	24959-67-9	9.1	6.5	6.7	8.1	0.710	
SB915-PCP-02	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.989	
SB915-PCP-02	Calcium	7440-70-2	4600.0	3400.0	4610.0	6500.0	0.004	Yes

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Location ID	Parameter	Parameter Code	Q1 Median	Q2 Median	Q3 Median	Q4 Median	P Value	Significant Difference Present
SB915-PCP-02	Chemical Oxygen Demand	COD	110.0	100.0	190.0	370.0	0.766	
SB915-PCP-02	Chloride	16887-00-6	12000.0	6700.0	10300.0	16000.0	0.001	Yes
SB915-PCP-02	Hardness (as CaCO3)	HARD	12000.0	8800.0	11000.0	16000.0	0.001	Yes
SB915-PCP-02	Iron	7439-89-6	0.8	0.5	0.5	1.2	0.216	
SB915-PCP-02	Kjeldahl Nitrogen	KN	5.7	3.2	3.7	6.9	0.035	
SB915-PCP-02	Lead	7439-92-1	0.1	0.1	0.1	0.1	0.212	
SB915-PCP-02	Magnesium	7439-95-4	2.9	25.0	2.5	8.4	0.775	
SB915-PCP-02	Manganese	7439-96-5	0.2	0.1	0.1	0.6	0.072	
SB915-PCP-02	Nitrate	14797-55-8	1.3	1.3	1.3	1.3	0.729	
SB915-PCP-02	Potassium	7440-09-7	160.0	120.0	160.0	201.0	0.042	
SB915-PCP-02	Sodium	7440-23-5	2700.0	1700.0	2390.0	3700.0	0.001	Yes
SB915-PCP-02	Sulfate	14808-79-8	100.0	68.0	62.0	59.0	0.376	
SB915-PCP-02	Total Dissolved Oxygen	TDS	22000.0	14300.0	28000.0	34000.0	0.006	Yes
SB915-PCP-02	Total Organic Carbon	TOC	6.0	2.6	3.8	7.9	0.007	Yes
SB915-PCP-02	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.0	0.0	0.1	0.024	

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WB915-GRAVEL PIT	Alkalinity	ALK	180.0	170.0	45.0	85.5	0.001	Yes
WB915-GRAVEL PIT	Ammonia	NH3N	0.1	0.2	0.2	0.1	0.959	
WB915-GRAVEL PIT	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.645	
WB915-GRAVEL PIT	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.126	
WB915-GRAVEL PIT	Calcium	7440-70-2	97.0	130.0	99.0	67.5	0.175	
WB915-GRAVEL PIT	Chemical Oxygen Demand	COD	12.0	14.0	24.0	24.0	0.142	
WB915-GRAVEL PIT	Chloride	16887-00-6	87.0	220.0	270.0	150.0	0.000	Yes
WB915-GRAVEL PIT	Hardness (as CaCO3)	HARD	330.0	400.0	330.0	270.0	0.002	Yes
WB915-GRAVEL PIT	Iron	7439-89-6	0.5	0.1	0.1	0.2	0.142	
WB915-GRAVEL PIT	Kjeldahl Nitrogen	KN	0.5	0.5	0.8	1.0	0.463	
WB915-GRAVEL PIT	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.224	
WB915-GRAVEL PIT	Magnesium	7439-95-4	25.0	23.0	24.0	20.0	0.804	
WB915-GRAVEL PIT	Manganese	7439-96-5	0.1	0.0	0.0	0.0	0.063	
WB915-GRAVEL PIT	Nitrate	14797-55-8	0.3	0.5	0.1	0.1	0.004	Yes
WB915-GRAVEL PIT	Potassium	7440-09-7	25.0	5.4	6.3	5.4	0.287	
WB915-GRAVEL PIT	Sodium	7440-23-5	40.0	96.7	110.0	80.0	0.004	Yes
WB915-GRAVEL PIT	Sulfate	14808-79-8	110.0	130.0	150.0	115.0	0.865	
WB915-GRAVEL PIT	Total Dissolved Oxygen	TDS	480.0	835.0	796.0	550.0	0.000	Yes
WB915-GRAVEL PIT	Total Organic Carbon	TOC	3.9	4.0	7.8	6.1	0.003	Yes
WB915-GRAVEL PIT	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.378	
WB915-INTERBED 1	Alkalinity	ALK	150.0	52.0	82.0	90.5	0.000	Yes
WB915-INTERBED 1	Ammonia	NH3N	0.2	0.1	0.1	0.1	0.123	
WB915-INTERBED 1	Bromide	24959-67-9	0.3	1.2	2.0	2.8	0.007	Yes
WB915-INTERBED 1	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.255	
WB915-INTERBED 1	Calcium	7440-70-2	250.0	984.0	1500.0	1350.0	0.000	Yes
WB915-INTERBED 1	Chemical Oxygen Demand	COD	7.6	33.0	45.0	54.5	0.273	
WB915-INTERBED 1	Chloride	16887-00-6	580.0	2520.0	4100.0	3700.0	0.000	Yes
WB915-INTERBED 1	Hardness (as CaCO3)	HARD	690.0	2380.0	3900.0	3700.0	0.000	Yes
WB915-INTERBED 1	Iron	7439-89-6	0.5	0.1	0.5	0.3	0.001	Yes
WB915-INTERBED 1	Kjeldahl Nitrogen	KN	0.4	0.5	0.6	0.6	0.554	
WB915-INTERBED 1	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.168	
WB915-INTERBED 1	Magnesium	7439-95-4	25.0	8.9	20.0	22.5	0.005	Yes
WB915-INTERBED 1	Manganese	7439-96-5	0.1	0.1	0.4	0.1	0.003	Yes
WB915-INTERBED 1	Nitrate	14797-55-8	0.3	0.3	0.3	0.5	0.318	
WB915-INTERBED 1	Potassium	7440-09-7	25.0	43.0	60.0	58.0	0.000	Yes
WB915-INTERBED 1	Sodium	7440-23-5	130.0	520.0	820.0	760.0	0.000	Yes
WB915-INTERBED 1	Sulfate	14808-79-8	58.0	72.0	58.0	64.0	0.897	
WB915-INTERBED 1	Total Dissolved Oxygen	TDS	1200.0	4500.0	8100.0	7000.0	0.000	Yes
WB915-INTERBED 1	Total Organic Carbon	TOC	2.8	2.2	3.2	2.7	0.137	
WB915-INTERBED 1	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.599	
WB915-INTERBED 2	Alkalinity	ALK	140.0	56.0	71.0	85.5	0.000	Yes
WB915-INTERBED 2	Ammonia	NH3N	0.3	0.4	0.1	0.1	0.014	
WB915-INTERBED 2	Bromide	24959-67-9	0.2	1.3	2.5	2.6	0.005	Yes
WB915-INTERBED 2	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.251	
WB915-INTERBED 2	Calcium	7440-70-2	220.0	1000.0	1600.0	1400.0	0.000	Yes
WB915-INTERBED 2	Chemical Oxygen Demand	COD	8.9	26.0	64.0	47.5	0.298	
WB915-INTERBED 2	Chloride	16887-00-6	480.0	2760.0	3900.0	3750.0	0.000	Yes
WB915-INTERBED 2	Hardness (as CaCO3)	HARD	640.0	2600.0	3900.0	3750.0	0.000	Yes
WB915-INTERBED 2	Iron	7439-89-6	0.5	0.2	0.5	0.2	0.117	
WB915-INTERBED 2	Kjeldahl Nitrogen	KN	0.5	0.7	0.6	0.5	0.565	
WB915-INTERBED 2	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.164	
WB915-INTERBED 2	Magnesium	7439-95-4	25.0	9.0	18.0	20.1	0.002	Yes
WB915-INTERBED 2	Manganese	7439-96-5	0.1	0.1	0.4	0.1	0.002	Yes
WB915-INTERBED 2	Nitrate	14797-55-8	0.3	0.3	0.5	0.8	0.093	
WB915-INTERBED 2	Potassium	7440-09-7	25.0	45.4	67.0	60.0	0.000	Yes
WB915-INTERBED 2	Sodium	7440-23-5	110.0	560.0	860.0	760.0	0.000	Yes
WB915-INTERBED 2	Sulfate	14808-79-8	58.0	64.3	48.5	54.5	0.253	
WB915-INTERBED 2	Total Dissolved Oxygen	TDS	1100.0	4810.0	8100.0	7100.0	0.000	Yes
WB915-INTERBED 2	Total Organic Carbon	TOC	2.6	2.1	3.0	2.3	0.156	
WB915-INTERBED 2	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.365	
WB915-INTERBED 3	Alkalinity	ALK	130.0	40.0	67.0	79.4	0.005	Yes
WB915-INTERBED 3	Ammonia	NH3N	0.7	0.4	0.2	0.1	0.014	
WB915-INTERBED 3	Bromide	24959-67-9	0.7	1.4	2.5	2.8	0.008	Yes
WB915-INTERBED 3	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.251	
WB915-INTERBED 3	Calcium	7440-70-2	460.0	1000.0	1500.0	1400.0	0.000	Yes

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WB915-INTERBED 3	Chemical Oxygen Demand	COD	28.0	33.0	58.0	48.0	0.342	
WB915-INTERBED 3	Chloride	16887-00-6	1200.0	2800.0	4300.0	4000.0	0.000	Yes
WB915-INTERBED 3	Hardness (as CaCO3)	HARD	1200.0	2800.0	4100.0	3900.0	0.000	Yes
WB915-INTERBED 3	Iron	7439-89-6	0.5	0.1	0.5	0.2	0.094	
WB915-INTERBED 3	Kjeldahl Nitrogen	KN	0.8	0.6	1.0	0.6	0.542	
WB915-INTERBED 3	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.349	
WB915-INTERBED 3	Magnesium	7439-95-4	25.0	8.8	17.3	19.5	0.015	
WB915-INTERBED 3	Manganese	7439-96-5	0.1	0.1	0.3	0.1	0.115	
WB915-INTERBED 3	Nitrate	14797-55-8	0.2	0.3	0.5	0.8	0.019	
WB915-INTERBED 3	Potassium	7440-09-7	25.0	49.8	72.0	61.0	0.001	Yes
WB915-INTERBED 3	Sodium	7440-23-5	260.0	560.0	860.0	780.0	0.000	Yes
WB915-INTERBED 3	Sulfate	14808-79-8	65.0	61.4	45.6	53.0	0.058	
WB915-INTERBED 3	Total Dissolved Oxygen	TDS	2100.0	5070.0	8200.0	7250.0	0.000	Yes
WB915-INTERBED 3	Total Organic Carbon	TOC	2.8	2.0	3.1	2.5	0.207	
WB915-INTERBED 3	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.459	
WB915-IRON BROOK	Alkalinity	ALK	280.0	311.0	330.0	323.0	0.207	
WB915-IRON BROOK	Ammonia	NH3N	0.2	1.6	1.7	2.4	0.012	
WB915-IRON BROOK	Bromide	24959-67-9	0.7	1.3	1.3	1.3	0.178	
WB915-IRON BROOK	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.154	
WB915-IRON BROOK	Calcium	7440-70-2	390.0	560.0	780.0	591.0	0.009	Yes
WB915-IRON BROOK	Chemical Oxygen Demand	COD	9.5	12.3	35.0	26.0	0.631	
WB915-IRON BROOK	Chloride	16887-00-6	1000.0	1700.0	2300.0	2200.0	0.000	Yes
WB915-IRON BROOK	Hardness (as CaCO3)	HARD	1000.0	1600.0	2000.0	1900.0	0.000	Yes
WB915-IRON BROOK	Iron	7439-89-6	0.5	0.1	0.1	0.8	0.436	
WB915-IRON BROOK	Kjeldahl Nitrogen	KN	0.4	2.5	2.0	3.0	0.281	
WB915-IRON BROOK	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.512	
WB915-IRON BROOK	Magnesium	7439-95-4	25.0	33.0	41.0	37.0	0.152	
WB915-IRON BROOK	Manganese	7439-96-5	0.0	0.1	0.6	0.8	0.031	
WB915-IRON BROOK	Nitrate	14797-55-8	2.2	1.7	1.0	0.6	0.000	Yes
WB915-IRON BROOK	Potassium	7440-09-7	25.0	29.0	33.6	29.0	0.032	
WB915-IRON BROOK	Sodium	7440-23-5	440.0	680.0	930.0	800.0	0.000	Yes
WB915-IRON BROOK	Sulfate	14808-79-8	260.0	418.0	560.0	470.0	0.002	Yes
WB915-IRON BROOK	Total Dissolved Oxygen	TDS	2000.0	4200.0	5300.0	4400.0	0.000	Yes
WB915-IRON BROOK	Total Organic Carbon	TOC	2.4	2.2	2.2	2.3	0.599	
WB915-IRON BROOK	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.276	
WB915-OUT-011	Alkalinity	ALK	190.0	250.0	190.0	255.0	0.285	
WB915-OUT-011	Ammonia	NH3N	0.1	0.1	0.2	0.2	0.525	
WB915-OUT-011	Bromide	24959-67-9	0.2	0.3	2.5	1.9	0.049	
WB915-OUT-011	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.224	
WB915-OUT-011	Calcium	7440-70-2	150.0	150.0	1210.0	940.0	0.004	Yes
WB915-OUT-011	Chemical Oxygen Demand	COD	5.0	15.4	57.0	42.5	0.083	
WB915-OUT-011	Chloride	16887-00-6	320.0	240.0	3380.0	2750.0	0.008	Yes
WB915-OUT-011	Hardness (as CaCO3)	HARD	440.0	480.0	3350.0	2750.0	0.002	Yes
WB915-OUT-011	Iron	7439-89-6	0.5	0.3	0.6	0.9	0.590	
WB915-OUT-011	Kjeldahl Nitrogen	KN	0.3	0.3	0.5	0.7	0.371	
WB915-OUT-011	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.283	
WB915-OUT-011	Magnesium	7439-95-4	18.0	23.0	26.0	28.2	0.087	
WB915-OUT-011	Manganese	7439-96-5	0.1	0.0	0.3	0.3	0.023	
WB915-OUT-011	Nitrate	14797-55-8	0.2	0.1	0.5	0.5	0.052	
WB915-OUT-011	Potassium	7440-09-7	25.0	3.8	37.0	25.5	0.001	Yes
WB915-OUT-011	Sodium	7440-23-5	69.0	71.0	779.0	545.0	0.007	Yes
WB915-OUT-011	Sulfate	14808-79-8	43.5	65.0	67.0	94.5	0.197	
WB915-OUT-011	Total Dissolved Oxygen	TDS	700.0	860.0	7400.0	5100.0	0.004	Yes
WB915-OUT-011	Total Organic Carbon	TOC	3.4	3.0	1.9	2.0	0.441	
WB915-OUT-011	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.341	
WB915-OUT-017	Alkalinity	ALK	190.0	160.0	315.5	204.0	0.002	Yes
WB915-OUT-017	Ammonia	NH3N	0.4	0.1	0.1	0.1	0.170	
WB915-OUT-017	Bromide	24959-67-9	0.4	0.7	0.8	0.4	0.953	
WB915-OUT-017	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.082	
WB915-OUT-017	Calcium	7440-70-2	450.0	382.0	325.0	163.0	0.848	
WB915-OUT-017	Chemical Oxygen Demand	COD	6.9	18.0	25.0	28.0	0.658	
WB915-OUT-017	Chloride	16887-00-6	1000.0	1140.0	940.0	368.5	0.941	
WB915-OUT-017	Hardness (as CaCO3)	HARD	1000.0	1080.0	1090.0	505.0	0.984	
WB915-OUT-017	Iron	7439-89-6	0.5	0.1	0.0	0.1	0.054	

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WB915-OUT-017	Kjeldahl Nitrogen	KN	0.5	0.6	0.5	0.8	0.351	
WB915-OUT-017	Lead	7439-92-1	0.1	0.0	0.0	0.0	0.267	
WB915-OUT-017	Magnesium	7439-95-4	23.0	20.0	35.5	18.5	0.001	Yes
WB915-OUT-017	Manganese	7439-96-5	0.0	0.0	0.0	0.0	0.271	
WB915-OUT-017	Nitrate	14797-55-8	0.5	0.9	0.2	0.3	0.231	
WB915-OUT-017	Potassium	7440-09-7	25.0	22.0	9.3	13.5	0.041	
WB915-OUT-017	Sodium	7440-23-5	400.0	390.0	320.0	124.0	0.668	
WB915-OUT-017	Sulfate	14808-79-8	130.0	120.0	175.0	102.0	0.891	
WB915-OUT-017	Total Dissolved Oxygen	TDS	2100.0	2500.0	2350.0	1145.0	0.989	
WB915-OUT-017	Total Organic Carbon	TOC	1.9	2.6	5.5	12.0	0.001	Yes
WB915-OUT-017	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.259	
WB915-OUT-018	Alkalinity	ALK	130.0	115.0	90.0	160.0	0.255	
WB915-OUT-018	Ammonia	NH3N	0.1	0.1	0.2	0.1	0.560	
WB915-OUT-018	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.949	
WB915-OUT-018	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.479	
WB915-OUT-018	Calcium	7440-70-2	41.5	37.0	63.0	48.0	0.810	
WB915-OUT-018	Chemical Oxygen Demand	COD	9.5	13.0	42.0	38.6	0.105	
WB915-OUT-018	Chloride	16887-00-6	4.2	1.7	6.7	4.6	0.357	
WB915-OUT-018	Hardness (as CaCO3)	HARD	130.0	132.0	200.0	160.0	0.058	
WB915-OUT-018	Iron	7439-89-6	1.1	1.3	1.9	0.6	0.645	
WB915-OUT-018	Kjeldahl Nitrogen	KN	0.6	0.4	1.4	1.0	0.213	
WB915-OUT-018	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.616	
WB915-OUT-018	Magnesium	7439-95-4	7.6	6.9	10.0	9.0	0.811	
WB915-OUT-018	Manganese	7439-96-5	0.1	0.0	0.1	0.0	0.312	
WB915-OUT-018	Nitrate	14797-55-8	0.1	0.1	0.9	0.1	0.033	
WB915-OUT-018	Potassium	7440-09-7	14.8	3.9	6.8	9.5	0.898	
WB915-OUT-018	Sodium	7440-23-5	13.5	1.6	2.9	1.9	0.633	
WB915-OUT-018	Sulfate	14808-79-8	16.0	13.0	36.0	28.0	0.130	
WB915-OUT-018	Total Dissolved Oxygen	TDS	150.0	160.0	240.0	220.0	0.003	Yes
WB915-OUT-018	Total Organic Carbon	TOC	5.0	4.5	13.0	13.2	0.003	Yes
WB915-OUT-018	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.758	
WB915-OUT-019	Alkalinity	ALK	190.0	130.0	130.0	178.0	0.030	
WB915-OUT-019	Ammonia	NH3N	0.1	0.2	0.3	0.2	0.399	
WB915-OUT-019	Bromide	24959-67-9	0.4	1.3	2.6	1.4	0.028	
WB915-OUT-019	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.094	
WB915-OUT-019	Calcium	7440-70-2	420.0	660.0	2100.0	1150.0	0.005	Yes
WB915-OUT-019	Chemical Oxygen Demand	COD	9.6	23.6	84.5	43.3	0.033	
WB915-OUT-019	Chloride	16887-00-6	1100.0	2100.0	6250.0	3195.0	0.022	
WB915-OUT-019	Hardness (as CaCO3)	HARD	1100.0	1800.0	5450.0	3350.0	0.011	
WB915-OUT-019	Iron	7439-89-6	0.5	0.3	0.4	1.5	0.064	
WB915-OUT-019	Kjeldahl Nitrogen	KN	0.4	0.4	0.6	1.0	0.490	
WB915-OUT-019	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.219	
WB915-OUT-019	Magnesium	7439-95-4	24.0	14.0	26.5	24.5	0.069	
WB915-OUT-019	Manganese	7439-96-5	0.0	0.2	1.6	1.4	0.390	
WB915-OUT-019	Nitrate	14797-55-8	2.3	3.9	0.9	0.4	0.000	Yes
WB915-OUT-019	Potassium	7440-09-7	25.0	40.0	102.0	63.4	0.003	Yes
WB915-OUT-019	Sodium	7440-23-5	280.0	410.0	1550.0	920.0	0.007	Yes
WB915-OUT-019	Sulfate	14808-79-8	33.0	50.0	39.5	57.0	0.445	
WB915-OUT-019	Total Dissolved Oxygen	TDS	2000.0	3800.0	12700.0	6050.0	0.002	Yes
WB915-OUT-019	Total Organic Carbon	TOC	2.8	3.0	2.9	6.5	0.009	Yes
WB915-OUT-019	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.525	
WB915-POND AREA N OF WB11	Alkalinity	ALK	210.0	370.0	49.0	56.0	0.154	
WB915-POND AREA N OF WB11	Ammonia	NH3N	0.4	2.4	0.6	0.2	0.176	
WB915-POND AREA N OF WB11	Bromide	24959-67-9	1.0	4.0	3.8	6.0	0.322	
WB915-POND AREA N OF WB11	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.175	
WB915-POND AREA N OF WB11	Calcium	7440-70-2	500.0	2200.0	2700.0	3100.0	0.577	
WB915-POND AREA N OF WB11	Chemical Oxygen Demand	COD	25.0	53.0	96.0	133.5	0.147	
WB915-POND AREA N OF WB11	Chloride	16887-00-6	880.0	7400.0	7000.0	9250.0	0.478	
WB915-POND AREA N OF WB11	Hardness (as CaCO3)	HARD	1200.0	5800.0	6500.0	8200.0	0.490	
WB915-POND AREA N OF WB11	Iron	7439-89-6	0.5	0.1	0.3	0.3	0.330	
WB915-POND AREA N OF WB11	Kjeldahl Nitrogen	KN	2.5	3.0	2.5	1.1	0.330	
WB915-POND AREA N OF WB11	Lead	7439-92-1	0.1	0.0	0.0	0.0	0.198	
WB915-POND AREA N OF WB11	Magnesium	7439-95-4	25.0	2.1	5.4	4.0	0.112	
WB915-POND AREA N OF WB11	Manganese	7439-96-5	0.1	0.0	0.1	0.1	0.304	

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WB915-POND AREA N OF WB11	Nitrate	14797-55-8	0.5	1.3	0.5	1.3	0.298	
WB915-POND AREA N OF WB11	Potassium	7440-09-7	39.0	120.0	160.0	160.0	0.496	
WB915-POND AREA N OF WB11	Sodium	7440-23-5	290.0	1200.0	1400.0	1900.0	0.526	
WB915-POND AREA N OF WB11	Sulfate	14808-79-8	49.0	49.1	38.0	46.0	0.702	
WB915-POND AREA N OF WB11	Total Dissolved Oxygen	TDS	1800.0	14000.0	19000.0	16500.0	0.472	
WB915-POND AREA N OF WB11	Total Organic Carbon	TOC	3.5	4.4	6.4	4.2	0.045	
WB915-POND AREA N OF WB11	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.467	
WB915-REACH A	Alkalinity	ALK	260.0	220.0	220.0	250.0	0.322	
WB915-REACH A	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.532	
WB915-REACH A	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.579	
WB915-REACH A	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH A	Calcium	7440-70-2	130.0	120.0	180.0	170.0	0.095	
WB915-REACH A	Chemical Oxygen Demand	COD	8.4	11.0	9.2	9.5	0.698	
WB915-REACH A	Chloride	16887-00-6	80.0	65.4	72.9	72.0	0.078	
WB915-REACH A	Hardness (as CaCO3)	HARD	430.0	405.0	590.0	575.0	0.101	
WB915-REACH A	Iron	7439-89-6	0.3	0.5	0.5	0.3	0.475	
WB915-REACH A	Kjeldahl Nitrogen	KN	0.5	0.3	0.3	0.5	0.598	
WB915-REACH A	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.364	
WB915-REACH A	Magnesium	7439-95-4	25.0	23.0	27.5	26.0	0.118	
WB915-REACH A	Manganese	7439-96-5	0.1	0.0	0.0	0.0	0.872	
WB915-REACH A	Nitrate	14797-55-8	1.2	0.8	0.6	0.5	0.000	Yes
WB915-REACH A	Potassium	7440-09-7	2.3	2.5	25.0	2.4	0.184	
WB915-REACH A	Sodium	7440-23-5	44.0	40.0	35.0	38.5	0.668	
WB915-REACH A	Sulfate	14808-79-8	180.0	188.0	360.0	300.0	0.035	
WB915-REACH A	Total Dissolved Oxygen	TDS	630.0	580.0	735.0	805.0	0.125	
WB915-REACH A	Total Organic Carbon	TOC	2.4	2.2	2.0	2.4	0.344	
WB915-REACH A	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.409	
WB915-REACH B	Alkalinity	ALK	250.0	220.0	220.0	250.0	0.361	
WB915-REACH B	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.315	
WB915-REACH B	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.579	
WB915-REACH B	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH B	Calcium	7440-70-2	130.0	120.0	170.0	175.0	0.073	
WB915-REACH B	Chemical Oxygen Demand	COD	8.1	5.0	5.3	7.1	0.658	
WB915-REACH B	Chloride	16887-00-6	81.0	65.8	72.4	73.0	0.339	
WB915-REACH B	Hardness (as CaCO3)	HARD	420.0	416.0	590.0	570.0	0.102	
WB915-REACH B	Iron	7439-89-6	0.3	0.4	0.5	0.2	0.596	
WB915-REACH B	Kjeldahl Nitrogen	KN	0.5	0.3	0.4	0.4	0.616	
WB915-REACH B	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.371	
WB915-REACH B	Magnesium	7439-95-4	25.0	23.0	27.3	26.0	0.073	
WB915-REACH B	Manganese	7439-96-5	0.1	0.0	0.0	0.0	0.923	
WB915-REACH B	Nitrate	14797-55-8	1.2	0.8	0.6	0.5	0.000	Yes
WB915-REACH B	Potassium	7440-09-7	2.2	2.5	25.0	2.5	0.174	
WB915-REACH B	Sodium	7440-23-5	41.0	41.0	34.0	38.5	0.930	
WB915-REACH B	Sulfate	14808-79-8	180.0	185.0	360.0	295.0	0.042	
WB915-REACH B	Total Dissolved Oxygen	TDS	610.0	590.0	750.0	780.0	0.129	
WB915-REACH B	Total Organic Carbon	TOC	2.4	2.3	2.1	2.3	0.337	
WB915-REACH B	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.303	
WB915-REACH C	Alkalinity	ALK	250.0	240.0	220.0	245.0	0.525	
WB915-REACH C	Ammonia	NH3N	0.2	0.2	0.2	0.1	0.688	
WB915-REACH C	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.579	
WB915-REACH C	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH C	Calcium	7440-70-2	140.0	123.0	180.0	170.0	0.065	
WB915-REACH C	Chemical Oxygen Demand	COD	9.1	10.7	10.0	6.7	0.883	
WB915-REACH C	Chloride	16887-00-6	120.0	97.5	110.0	108.5	0.253	
WB915-REACH C	Hardness (as CaCO3)	HARD	440.0	440.0	580.0	625.0	0.047	
WB915-REACH C	Iron	7439-89-6	0.3	0.5	0.5	0.3	0.449	
WB915-REACH C	Kjeldahl Nitrogen	KN	0.3	0.3	0.5	0.5	0.528	
WB915-REACH C	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.362	
WB915-REACH C	Magnesium	7439-95-4	25.0	23.7	28.8	26.8	0.101	
WB915-REACH C	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.691	
WB915-REACH C	Nitrate	14797-55-8	1.1	0.7	0.6	0.5	0.163	
WB915-REACH C	Potassium	7440-09-7	2.4	2.5	3.0	2.8	0.377	
WB915-REACH C	Sodium	7440-23-5	63.0	47.0	48.0	53.0	0.093	
WB915-REACH C	Sulfate	14808-79-8	180.0	174.0	340.0	275.0	0.023	

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WB915-REACH C	Total Dissolved Oxygen	TDS	680.0	640.0	810.0	835.0	0.096	
WB915-REACH C	Total Organic Carbon	TOC	2.5	2.6	2.1	2.6	0.406	
WB915-REACH C	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.427	
WB915-REACH D	Alkalinity	ALK	240.0	230.0	215.0	244.5	0.602	
WB915-REACH D	Ammonia	NH3N	0.2	0.2	0.2	0.2	0.348	
WB915-REACH D	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.579	
WB915-REACH D	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH D	Calcium	7440-70-2	140.0	130.0	200.0	175.0	0.072	
WB915-REACH D	Chemical Oxygen Demand	COD	11.0	12.0	10.1	6.8	0.771	
WB915-REACH D	Chloride	16887-00-6	110.0	110.0	150.0	111.0	0.188	
WB915-REACH D	Hardness (as CaCO3)	HARD	440.0	438.0	640.0	580.0	0.053	
WB915-REACH D	Iron	7439-89-6	0.3	0.7	0.5	0.2	0.460	
WB915-REACH D	Kjeldahl Nitrogen	KN	0.4	0.4	0.5	0.5	0.588	
WB915-REACH D	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.395	
WB915-REACH D	Magnesium	7439-95-4	25.0	25.0	29.3	28.0	0.084	
WB915-REACH D	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.696	
WB915-REACH D	Nitrate	14797-55-8	1.1	0.8	0.5	0.5	0.000	Yes
WB915-REACH D	Potassium	7440-09-7	2.5	2.5	3.2	2.9	0.378	
WB915-REACH D	Sodium	7440-23-5	62.0	55.0	59.0	54.5	0.497	
WB915-REACH D	Sulfate	14808-79-8	170.0	174.0	340.0	280.0	0.019	
WB915-REACH D	Total Dissolved Oxygen	TDS	700.0	690.0	910.0	845.0	0.507	
WB915-REACH D	Total Organic Carbon	TOC	2.5	2.5	1.9	2.7	0.215	
WB915-REACH D	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.742	
WB915-REACH E	Alkalinity	ALK	240.0	230.0	210.0	235.5	0.674	
WB915-REACH E	Ammonia	NH3N	0.3	0.3	0.5	0.3	0.362	
WB915-REACH E	Bromide	24959-67-9	0.3	0.3	0.3	0.6	0.431	
WB915-REACH E	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH E	Calcium	7440-70-2	200.0	186.0	300.0	245.0	0.096	
WB915-REACH E	Chemical Oxygen Demand	COD	6.2	12.3	12.0	6.8	0.932	
WB915-REACH E	Chloride	16887-00-6	290.0	298.0	540.0	355.0	0.183	
WB915-REACH E	Hardness (as CaCO3)	HARD	600.0	598.0	940.0	795.0	0.068	
WB915-REACH E	Iron	7439-89-6	0.5	0.8	0.5	0.6	0.307	
WB915-REACH E	Kjeldahl Nitrogen	KN	0.5	0.6	0.6	0.7	0.585	
WB915-REACH E	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.371	
WB915-REACH E	Magnesium	7439-95-4	25.0	26.2	32.7	30.7	0.072	
WB915-REACH E	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.150	
WB915-REACH E	Nitrate	14797-55-8	1.1	0.8	0.5	0.5	0.000	Yes
WB915-REACH E	Potassium	7440-09-7	3.5	3.5	6.3	5.0	0.307	
WB915-REACH E	Sodium	7440-23-5	99.0	94.0	150.0	116.0	0.393	
WB915-REACH E	Sulfate	14808-79-8	160.0	177.0	320.0	260.0	0.019	
WB915-REACH E	Total Dissolved Oxygen	TDS	970.0	1200.0	1600.0	1350.0	0.107	
WB915-REACH E	Total Organic Carbon	TOC	2.5	2.6	2.0	2.5	0.162	
WB915-REACH E	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.704	
WB915-REACH F	Alkalinity	ALK	230.0	230.0	210.0	235.0	0.495	
WB915-REACH F	Ammonia	NH3N	0.3	0.3	0.4	0.3	0.499	
WB915-REACH F	Bromide	24959-67-9	0.3	0.3	0.3	0.6	0.013	
WB915-REACH F	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.164	
WB915-REACH F	Calcium	7440-70-2	190.0	175.0	300.0	240.0	0.034	
WB915-REACH F	Chemical Oxygen Demand	COD	6.9	16.0	12.6	9.8	0.926	
WB915-REACH F	Chloride	16887-00-6	270.0	271.0	520.0	345.0	0.104	
WB915-REACH F	Hardness (as CaCO3)	HARD	560.0	610.0	900.0	785.0	0.057	
WB915-REACH F	Iron	7439-89-6	0.4	0.8	0.5	0.5	0.442	
WB915-REACH F	Kjeldahl Nitrogen	KN	0.4	0.5	0.6	0.6	0.530	
WB915-REACH F	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.382	
WB915-REACH F	Magnesium	7439-95-4	25.0	26.2	32.6	30.7	0.066	
WB915-REACH F	Manganese	7439-96-5	0.1	0.1	0.1	0.1	0.228	
WB915-REACH F	Nitrate	14797-55-8	1.1	0.7	0.5	0.5	0.000	Yes
WB915-REACH F	Potassium	7440-09-7	3.2	2.5	5.9	5.3	0.284	
WB915-REACH F	Sodium	7440-23-5	87.0	84.2	150.0	111.5	0.169	
WB915-REACH F	Sulfate	14808-79-8	160.0	168.0	320.0	270.0	0.018	
WB915-REACH F	Total Dissolved Oxygen	TDS	960.0	960.0	1600.0	1400.0	0.146	
WB915-REACH F	Total Organic Carbon	TOC	2.6	2.6	2.0	2.5	0.225	
WB915-REACH F	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.202	
WB915-REF REACH	Alkalinity	ALK	250.0	220.0	220.0	268.0	0.158	

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WB915-REF REACH	Ammonia	NH3N	0.1	0.1	0.1	0.1	0.945	
WB915-REF REACH	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.579	
WB915-REF REACH	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.144	
WB915-REF REACH	Calcium	7440-70-2	130.0	140.0	180.0	170.0	0.171	
WB915-REF REACH	Chemical Oxygen Demand	COD	8.8	9.5	9.2	7.5	0.688	
WB915-REF REACH	Chloride	16887-00-6	77.0	74.0	72.4	72.5	0.104	
WB915-REF REACH	Hardness (as CaCO3)	HARD	430.0	430.0	590.0	575.0	0.227	
WB915-REF REACH	Iron	7439-89-6	0.2	0.5	0.5	0.3	0.318	
WB915-REF REACH	Kjeldahl Nitrogen	KN	0.4	0.3	0.4	0.5	0.640	
WB915-REF REACH	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.585	
WB915-REF REACH	Magnesium	7439-95-4	25.0	24.0	28.1	26.0	0.301	
WB915-REF REACH	Manganese	7439-96-5	0.1	0.0	0.0	0.0	0.432	
WB915-REF REACH	Nitrate	14797-55-8	1.2	0.8	0.6	0.5	0.000	Yes
WB915-REF REACH	Potassium	7440-09-7	2.3	2.5	25.0	2.4	0.185	
WB915-REF REACH	Sodium	7440-23-5	39.0	40.0	39.0	39.5	0.883	
WB915-REF REACH	Sulfate	14808-79-8	190.0	187.0	340.0	300.0	0.034	
WB915-REF REACH	Total Dissolved Oxygen	TDS	640.0	590.0	750.0	795.0	0.133	
WB915-REF REACH	Total Organic Carbon	TOC	2.3	2.4	2.1	2.4	0.267	
WB915-REF REACH	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.331	
WB915-REF REACH 2	Alkalinity	ALK	235.0	245.0	220.0	240.0	0.656	
WB915-REF REACH 2	Ammonia	NH3N	0.2	0.1	0.1	0.1	0.392	
WB915-REF REACH 2	Bromide	24959-67-9	0.3	0.3	0.3	0.3	0.437	
WB915-REF REACH 2	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.454	
WB915-REF REACH 2	Calcium	7440-70-2	120.0	120.0	158.0	160.0	0.110	
WB915-REF REACH 2	Chemical Oxygen Demand	COD	6.6	8.6	8.6	6.2	0.978	
WB915-REF REACH 2	Chloride	16887-00-6	75.5	75.5	72.1	71.0	0.349	
WB915-REF REACH 2	Hardness (as CaCO3)	HARD	405.0	405.0	496.0	580.0	0.222	
WB915-REF REACH 2	Iron	7439-89-6	0.4	0.5	0.4	0.2	0.435	
WB915-REF REACH 2	Kjeldahl Nitrogen	KN	0.3	0.4	0.3	0.5	0.380	
WB915-REF REACH 2	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.495	
WB915-REF REACH 2	Magnesium	7439-95-4	23.5	22.0	27.9	26.0	0.092	
WB915-REF REACH 2	Manganese	7439-96-5	0.0	0.0	0.0	0.0	0.515	
WB915-REF REACH 2	Nitrate	14797-55-8	1.1	0.8	0.6	0.5	0.001	Yes
WB915-REF REACH 2	Potassium	7440-09-7	13.7	2.5	2.4	2.2	0.195	
WB915-REF REACH 2	Sodium	7440-23-5	46.0	42.5	41.0	40.0	0.643	
WB915-REF REACH 2	Sulfate	14808-79-8	160.0	180.0	294.0	260.0	0.089	
WB915-REF REACH 2	Total Dissolved Oxygen	TDS	595.0	630.0	778.0	790.0	0.308	
WB915-REF REACH 2	Total Organic Carbon	TOC	2.5	3.3	1.9	2.6	0.201	
WB915-REF REACH 2	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.516	
WB915-RET POND 1	Alkalinity	ALK	84.0	58.0	44.0	77.0	0.103	
WB915-RET POND 1	Ammonia	NH3N	1.6	2.1	2.1	1.9	0.954	
WB915-RET POND 1	Bromide	24959-67-9	1.5	1.5	2.6	3.8	0.098	
WB915-RET POND 1	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.154	
WB915-RET POND 1	Calcium	7440-70-2	1000.0	1180.0	2120.0	1950.0	0.002	Yes
WB915-RET POND 1	Chemical Oxygen Demand	COD	38.0	31.3	75.5	58.5	0.455	
WB915-RET POND 1	Chloride	16887-00-6	2800.0	3300.0	6190.0	5800.0	0.001	Yes
WB915-RET POND 1	Hardness (as CaCO3)	HARD	2600.0	3000.0	5360.0	5250.0	0.001	Yes
WB915-RET POND 1	Iron	7439-89-6	0.5	0.1	0.2	0.2	0.120	
WB915-RET POND 1	Kjeldahl Nitrogen	KN	1.9	2.0	2.8	2.6	0.620	
WB915-RET POND 1	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.432	
WB915-RET POND 1	Magnesium	7439-95-4	25.0	7.6	13.0	22.0	0.004	Yes
WB915-RET POND 1	Manganese	7439-96-5	0.3	0.0	0.2	0.1	0.096	
WB915-RET POND 1	Nitrate	14797-55-8	0.5	0.3	0.5	0.9	0.002	Yes
WB915-RET POND 1	Potassium	7440-09-7	27.0	49.3	81.0	76.5	0.000	Yes
WB915-RET POND 1	Sodium	7440-23-5	650.0	760.0	1510.0	1500.0	0.001	Yes
WB915-RET POND 1	Sulfate	14808-79-8	58.0	55.0	96.0	275.0	0.011	
WB915-RET POND 1	Total Dissolved Oxygen	TDS	4900.0	5800.0	13000.0	11000.0	0.001	Yes
WB915-RET POND 1	Total Organic Carbon	TOC	2.6	2.6	2.4	1.6	0.099	
WB915-RET POND 1	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.785	
WB915-RET POND 2-1	Alkalinity	ALK	130.0	84.0	90.0	110.0	0.027	
WB915-RET POND 2-1	Ammonia	NH3N	4.4	4.0	1.9	3.4	0.036	
WB915-RET POND 2-1	Bromide	24959-67-9	2.5	1.6	1.8	2.7	0.166	
WB915-RET POND 2-1	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.154	
WB915-RET POND 2-1	Calcium	7440-70-2	1400.0	1200.0	1490.0	1505.0	0.112	

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WB915-RET POND 2-1	Chemical Oxygen Demand	COD	37.0	30.0	43.9	45.0	0.713	
WB915-RET POND 2-1	Chloride	16887-00-6	4100.0	3400.0	4160.0	4550.0	0.780	
WB915-RET POND 2-1	Hardness (as CaCO3)	HARD	3600.0	3200.0	3700.0	4300.0	0.054	
WB915-RET POND 2-1	Iron	7439-89-6	0.5	0.2	0.2	0.4	0.118	
WB915-RET POND 2-1	Kjeldahl Nitrogen	KN	4.8	4.1	2.5	3.0	0.714	
WB915-RET POND 2-1	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.161	
WB915-RET POND 2-1	Magnesium	7439-95-4	25.0	19.0	21.0	27.0	0.008	Yes
WB915-RET POND 2-1	Manganese	7439-96-5	0.2	0.1	0.1	0.1	0.254	
WB915-RET POND 2-1	Nitrate	14797-55-8	0.5	0.6	0.5	1.0	0.171	
WB915-RET POND 2-1	Potassium	7440-09-7	57.0	56.0	63.0	64.6	0.054	
WB915-RET POND 2-1	Sodium	7440-23-5	1100.0	880.0	1140.0	1290.0	0.045	
WB915-RET POND 2-1	Sulfate	14808-79-8	320.0	193.0	204.0	385.0	0.071	
WB915-RET POND 2-1	Total Dissolved Oxygen	TDS	7700.0	6710.0	11000.0	9350.0	0.027	
WB915-RET POND 2-1	Total Organic Carbon	TOC	1.8	1.6	1.6	1.1	0.245	
WB915-RET POND 2-1	Total Recoverable Phenolics	TOTREC-PHN	0.1	0.0	0.0	0.0	0.356	
WB915-RET POND 2-2	Alkalinity	ALK	130.0	86.3	89.0	110.0	0.045	
WB915-RET POND 2-2	Ammonia	NH3N	4.7	3.9	2.2	2.7	0.019	
WB915-RET POND 2-2	Bromide	24959-67-9	2.5	2.3	2.5	2.8	0.237	
WB915-RET POND 2-2	Cadmium	7440-43-9	0.0	0.0	0.0	0.0	0.154	
WB915-RET POND 2-2	Calcium	7440-70-2	1300.0	1200.0	1420.0	1650.0	0.043	
WB915-RET POND 2-2	Chemical Oxygen Demand	COD	34.0	27.0	54.0	54.0	0.496	
WB915-RET POND 2-2	Chloride	16887-00-6	3800.0	3400.0	4120.0	5000.0	0.036	
WB915-RET POND 2-2	Hardness (as CaCO3)	HARD	3500.0	3200.0	3700.0	4250.0	0.085	
WB915-RET POND 2-2	Iron	7439-89-6	0.5	0.2	0.2	0.4	0.179	
WB915-RET POND 2-2	Kjeldahl Nitrogen	KN	5.7	3.9	2.5	2.5	0.310	
WB915-RET POND 2-2	Lead	7439-92-1	0.0	0.0	0.0	0.0	0.472	
WB915-RET POND 2-2	Magnesium	7439-95-4	25.0	18.0	20.0	26.5	0.014	
WB915-RET POND 2-2	Manganese	7439-96-5	0.2	0.1	0.1	0.1	0.282	
WB915-RET POND 2-2	Nitrate	14797-55-8	0.5	0.6	0.7	1.0	0.320	
WB915-RET POND 2-2	Potassium	7440-09-7	55.0	54.0	63.0	67.5	0.044	
WB915-RET POND 2-2	Sodium	7440-23-5	1100.0	890.0	1100.0	1360.0	0.043	
WB915-RET POND 2-2	Sulfate	14808-79-8	370.0	206.0	280.0	390.0	0.177	
WB915-RET POND 2-2	Total Dissolved Oxygen	TDS	7400.0	6610.0	8750.0	9540.0	0.012	
WB915-RET POND 2-2	Total Organic Carbon	TOC	2.0	1.5	1.5	1.1	0.428	
WB915-RET POND 2-2	Total Recoverable Phenolics	TOTREC-PHN	0.0	0.0	0.0	0.0	0.807	

APPENDIX J
ANOVA SUBSURFACE LEACHATE BOX PLOTS

Nitrate
14797−55−8
mg/L

ANOVA
0.00153
***

Concentration

0
10
20
30
40
50

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Sulfate
14808−79−8
mg/L

ANOVA
0.00035
***

Concentration

0
100
200
300
400
500

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Chloride
16887-00-6
mg/L

ANOVA
< 0.0001
***

Concentration

0
10000
20000
30000
40000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Bromide
24959−67−9
mg/L

ANOVA
0.0365
NS

Concentration

0
100
200
300
400
500

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Iron
7439-89-6
mg/L

ANOVA
< 0.0001
***

Concentration

0
2
4
6
8
10

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Lead
7439−92−1
mg/L

ANOVA
0.99966
NS

Concentration

0.00
0.05
0.10
0.15

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Magnesium
7439−95−4
mg/L

ANOVA
0.29844
NS

Concentration

0
20
40
60
80
100

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Manganese
7439−96−5
mg/L

ANOVA
< 0.0001
***

Concentration

0
2
4
6

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Potassium
7440−09−7
mg/L

ANOVA
< 0.0001
***

Concentration

0
100
200
300

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Sodium
7440-23-5
mg/L

ANOVA
< 0.0001
***

Concentration

0
2000
4000
6000
8000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Cadmium
7440−43−9
mg/L

ANOVA
0.99825
NS

Concentration

0.15
0.10
0.05
0.00

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Calcium
7440−70−2
mg/L

ANOVA
< 0.0001
***

Concentration

0
2000
4000
6000
8000
10000
12000

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

Alkalinity
ALK
mg/l

ANOVA
< 0.0001
***

Concentration

0
500
1000
1500
2000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Chemical Oxygen Demand
COD
mg/L

ANOVA
0.57773
NS

Concentration

0
1000
2000
3000
4000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

HARDNESS (AS CACO3)
HARD
mg/L

ANOVA
< 0.0001
***

Concentration

0
5000
10000
15000
20000
25000
30000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Nitrogen, Kjeldahl
KN
mg/L

ANOVA
< 0.0001
***

Concentration

0
50
100
150

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Ammonia
NH3N
mg/L

ANOVA
< 0.0001
***

Concentration

0
20
40
60
80
100

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Solids, Total Dissolved
TDS
mg/L

ANOVA
< 0.0001
***

Concentration

0
20000
40000
60000
80000

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

TOTAL ORGANIC CARBON
TOC
mg/L

ANOVA
< 0.0001
***

Concentration

0
20
40
60
80

SB915-MH-01
SB915-MH-02
SB915-MH-03
SB915-MH-04
SB915-MH-05
SB915-MH-06
SB915-MH-07
SB915-MH-08
SB915-MH-09
SB915-MH-10
SB915-MH-11
SB915-MH-12
SB915-MH-13
SB915-MH-14
SB915-MH-15
SB915-MH-16
SB915-MH-17
SB915-MH-18
SB915-PCP-01
SB915-PCP-02

Phenolics, Total Recoverable
TOTREC−PHN
mg/L

ANOVA
< 0.0001
***

Concentration

0
20
40
60
80

SB915−MH−01
SB915−MH−02
SB915−MH−03
SB915−MH−04
SB915−MH−05
SB915−MH−06
SB915−MH−07
SB915−MH−08
SB915−MH−09
SB915−MH−10
SB915−MH−11
SB915−MH−12
SB915−MH−13
SB915−MH−14
SB915−MH−15
SB915−MH−16
SB915−MH−17
SB915−MH−18
SB915−PCP−01
SB915−PCP−02

APPENDIX K
EXCEEDANCE SUMMARY

RAMBOLL

Table K-1
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3143-01 / SB915-CIWP-SP-33 / 12/11/2013 / Regular sample / µg/L	SB915-3277-12 / SB915-CIWP-SP-33 / 06/13/2017 / Regular Sample / µg/L	SB915-3277-11 / SB915-CIWP-SP-39 / 06/13/2017 / Regular Sample / µg/L	SB915-3150-01 / SB915-SP-30 / 3/27/2014 / Regular sample / µg/L	SB915-3150-02 / SB915-SP-50 / 3/27/2014 / Regular sample / µg/L
1,2-DICHLOROBENZENE	5(S)	µg/L		[6.2J]			[7.3]
1,4-DICHLOROBENZENE	5(S)	µg/L		[6.9J]		[5.0]	[11]
BENZENE	10(S)	µg/L	[17]	[45J]	[13]		[29]
CHLOROBENZENE	5(S)	µg/L	[11]	[55J]	[24]		[22]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

RAMBOLL

Table K-2
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3240-01 SB915-CIWP-RR-01 07/22/2016 Regular Sample	SB915-3277-09 SB915-CIWP-SP-07 06/13/2017 Regular Sample	SB915-3231-04 SB915-CIWP-SP-12 03/16/2016 Regular Sample	SB915-3231-01 SB915-CIWP-SP-14 03/16/2016 Regular Sample	SB915-3277-06 SB915-CIWP-SP-16 06/13/2017 Regular Sample	SB915-3143-01 SB915-CIWP-SP-33 12/11/2013 Regular sample
2,4-DICHLOROPHENOL	1(S)	µg/L						
2-CHLOROPHENOL	1(S)	µg/L						
BENZO(A)ANTHRACENE	0.03(G)	µg/L	[0.068J]					
BENZO(A)PYRENE	0.0012(G)	µg/L	[0.066J]					
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L		[5.7J]	[2.6]	[1.3J]	[3.8J]	
PHENOL	5(S)	µg/L						[78]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-2
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3277-12 SB915-CIWP-SP-33 06/13/2017 Regular Sample	SB915-3277-04 SB915-CIWP-SP-37 06/13/2017 Regular Sample	SB915-3277-07 SB915-CIWP-SP-38 06/13/2017 Regular Sample	SB915-3277-11 SB915-CIWP-SP-39 06/13/2017 Regular Sample	SB915-3277-10 SB915-CIWP-SP-41 06/13/2017 Regular Sample	SB915-3277-01 SB915-CIWP-SP-47 06/13/2017 Regular Sample
2,4-DICHLOROPHENOL	1(S)	µg/L				[1.6]		
2-CHLOROPHENOL	1(S)	µg/L				[1.8J]		
BENZO(A)ANTHRACENE	0.03(G)	µg/L						
BENZO(A)PYRENE	0.0012(G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L		[5.9J]	[5.7J]		[2.2J]	[8.0J]
PHENOL	5(S)	µg/L	[98]			[21]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-2
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3278-01	SB915-3150-04	SB915-3150-01	SB915-3123-02	SB915-3134-01	SB915-3150-02
		Location	SB915-SEEP-30	SB915-SP-01E	SB915-SP-30	SB915-SP-48	SB915-SP-49	SB915-SP-50
		Sample Date	06/13/2017	3/27/2014	3/27/2014	6/18/2013	9/20/2013	3/27/2014
		Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
2,4-DICHLOROPHENOL	1(S)	µg/L	[1.6]		[1.2J]			
2-CHLOROPHENOL	1(S)	µg/L						
BENZO(A)ANTHRACENE	0.03(G)	µg/L			[0.16J]			
BENZO(A)PYRENE	0.0012(G)	µg/L			[0.099J]			
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L	[6.7J]					
PHENOL	5(S)	µg/L		[7.7]		[6.3J]	[9.8]	[470]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-3
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8081 Pesticide Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3150-03 / SB915-CIWP-SP-37 / 3/27/2014 / Regular sample	SB915-3150-05 / SB915-CIWP-SP-38 / 3/27/2014 / Regular sample	SB915-3150-01 / SB915-SP-30 / 3/27/2014 / Regular sample	SB915-3150-02 / SB915-SP-50 / 3/27/2014 / Regular sample
HEPTACHLOR	0.0002(S)	µg/L		[0.0020]		[0.0053]
HEXACHLOROBENZENE	0.00003(S)	µg/L	[0.00050J]	0.00016U	[0.00043J]	0.00016U

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3255-01 SB915-CIWP-RR-01 10/10/2016 Regular Sample	SB915-3240-01 SB915-CIWP-RR-01 07/22/2016 Regular Sample	SB915-3267-12 SB915-CIWP-SP-06 03/31/2017 Regular Sample	SB915-3277-09 SB915-CIWP-SP-07 06/13/2017 Regular Sample	SB915-3295-08 SB915-CIWP-SP-07 11/06/2017 Regular Sample
ALUMINUM	0.1(S)	NC	mg/L	[0.56J]		[0.43J]		
BARIUM	NC	NC	mg/L					
COBALT	0.005(S)	NC	mg/L					
CYANIDE	0.0052(S)	NC	mg/L					
IRON	0.3(S)	NC	mg/L	[16]	[12]			[11]
MERCURY	0.0007(S)	NC	mg/L				[0.000002]	
SELENIUM	0.0046(S)	NC	mg/L		[0.012]			
SILVER	0.0001(S)	NC	mg/L					
THALLIUM	0.008(S)	NC	mg/L					
VANADIUM	0.014(S)	NC	mg/L					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

RAMBOLL

Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3123-01 SB915-CIWP-SP-08 6/18/2013 Regular sample	SB915-3295-07 SB915-CIWP-SP-08 11/06/2017 Regular Sample	SB915-3267-07 SB915-CIWP-SP-10 03/31/2017 Regular Sample	SB915-3267-01 SB915-CIWP-SP-11 03/31/2017 Regular Sample	SB915-3231-01 SB915-CIWP-SP-14 03/16/2016 Regular Sample	SB915-3238-08 SB915-CIWP-SP-14 05/04/2016 Regular Sample
ALUMINUM	0.1(S)	NC	[0.143]		[0.4J]			[1.3J]
BARIUM	NC	NC						
COBALT	0.005(S)	NC			[0.0051J]			
CYANIDE	0.0052(S)	NC					[0.0058J]	
IRON	0.3(S)	NC		[1.6]				[2.5]
MERCURY	0.0007(S)	NC				[0.0000048]		
SELENIUM	0.0046(S)	NC						
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC						
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3267-06 SB915-CIWP-SP-14 03/31/2017 Regular Sample	SB915-3238-10 SB915-CIWP-SP-16 05/04/2016 Regular Sample	SB915-3277-06 SB915-CIWP-SP-16 06/13/2017 Regular Sample	SB915-3277-08 SB915-CIWP-SP-27 06/13/2017 Regular Sample	SB915-3143-01 SB915-CIWP-SP-33 12/11/2013 Regular sample	SB915-3277-12 SB915-CIWP-SP-33 06/13/2017 Regular Sample
ALUMINUM	0.1(S)	NC	[0.69J]			[0.4J]		
BARIUM	NC	NC						
COBALT	0.005(S)	NC				[0.0064J]		[0.0055J]
CYANIDE	0.0052(S)	NC				[0.01]	[0.014]	
IRON	0.3(S)	NC						
MERCURY	0.0007(S)	NC			[0.0000029]	[0.000012]		[0.000052]
SELENIUM	0.0046(S)	NC						
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC		[0.021J]				
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3281-01 SB915-CIWP-SP-33 07/21/2017 Regular Sample	SB915-3268-07 SB915-CIWP-SP-33 03/31/2017 Regular Sample	SB915-3238-11 SB915-CIWP-SP-37 05/04/2016 Regular Sample	SB915-3277-04 SB915-CIWP-SP-37 06/13/2017 Regular Sample	SB915-3281-04 SB915-CIWP-SP-37 07/21/2017 Regular Sample	SB915-3267-09 SB915-CIWP-SP-37 03/31/2017 Regular Sample
ALUMINUM	0.1(S)	NC						[0.43J]
BARIUM	NC	NC						
COBALT	0.005(S)	NC		[0.0055J]		[0.0082J]		
CYANIDE	0.0052(S)	NC				[0.013]		
IRON	0.3(S)	NC						
MERCURY	0.0007(S)	NC				[0.0000037]		
SELENIUM	0.0046(S)	NC	[0.019]				[0.023]	
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC			[0.02J]			
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3238-06 SB915-CIWP-SP-38 05/04/2016 Regular Sample	SB915-3277-07 SB915-CIWP-SP-38 06/13/2017 Regular Sample	SB915-3296-02 SB915-CIWP-SP-38 11/07/2017 Regular Sample	SB915-3281-06 SB915-CIWP-SP-38 07/21/2017 Regular Sample	SB915-3277-11 SB915-CIWP-SP-39 06/13/2017 Regular Sample	SB915-3229-07 SB915-CIWP-SP-40 03/15/2016 Regular Sample
ALUMINUM	0.1(S)	NC						
BARIUM	NC	NC						
COBALT	0.005(S)	NC						
CYANIDE	0.0052(S)	NC		[0.029]			[0.029]	
IRON	0.3(S)	NC			[8]			
MERCURY	0.0007(S)	NC		[0.0000012]			[0.000053]	
SELENIUM	0.0046(S)	NC				[0.026]		
SILVER	0.0001(S)	NC						[0.0086J]
THALLIUM	0.008(S)	NC	[0.018J]					
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3268-05 SB915-CIWP-SP-40 03/31/2017 Regular Sample	SB915-3277-10 SB915-CIWP-SP-41 06/13/2017 Regular Sample	SB915-3228-09 SB915-CIWP-SP-42 03/14/2016 Regular Sample	SB915-3295-01 SB915-CIWP-SP-42 11/06/2017 Regular Sample	SB915-3268-03 SB915-CIWP-SP-43 03/31/2017 Regular Sample	SB915-3268-04 SB915-CIWP-SP-44 03/31/2017 Regular Sample
ALUMINUM	0.1(S)	NC					[0.52J]	
BARIUM	NC	NC						
COBALT	0.005(S)	NC	[0.0056J]	[0.0051J]			[0.0066J]	[0.0073J]
CYANIDE	0.0052(S)	NC						
IRON	0.3(S)	NC			[0.62J]	[63]		
MERCURY	0.0007(S)	NC		[0.000016]				
SELENIUM	0.0046(S)	NC						
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC						
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3228-06 SB915-CIWP-SP-45 03/14/2016 Regular Sample	SB915-3228-08 SB915-CIWP-SP-46 03/14/2016 Regular Sample	SB915-3231-06 SB915-CIWP-SP-47 03/16/2016 Regular Sample	SB915-3277-01 SB915-CIWP-SP-47 06/13/2017 Regular Sample	SB915-3267-10 SB915-CIWP-SP-47 03/31/2017 Regular Sample	SB915-3238-09 SB915-IASEEP-03 05/04/2016 Regular Sample
ALUMINUM	0.1(S)	NC	[0.44J]		[0.66J]		[0.57J]	[2.7]
BARIUM	NC	NC						
COBALT	0.005(S)	NC						
CYANIDE	0.0052(S)	NC						
IRON	0.3(S)	NC						[2.5]
MERCURY	0.0007(S)	NC				[0.0000012]		
SELENIUM	0.0046(S)	NC						
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC		[0.015J]				
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3123-03 SB915-IASP-03 6/18/2013 Regular sample	SB915-3238-02 SB915-SEEP-21 05/04/2016 Regular Sample	SB915-3295-09 SB915-SEEP-21 11/06/2017 Regular Sample	SB915-3278-01 SB915-SEEP-30 06/13/2017 Regular Sample	SB915-3230-04 SB915-SEEP-48 03/16/2016 Regular Sample	SB915-3230-02 SB915-SEEP-49/03B 03/16/2016 Regular Sample
ALUMINUM	0.1(S)	NC	[1.7]				[0.42J]	[0.43J]
BARIUM	NC	NC						
COBALT	0.005(S)	NC						
CYANIDE	0.0052(S)	NC	[0.018]			[0.0065J]		
IRON	0.3(S)	NC			[29]			[0.46J]
MERCURY	0.0007(S)	NC				[0.0000066]		
SELENIUM	0.0046(S)	NC	[0.0066J]					
SILVER	0.0001(S)	NC						
THALLIUM	0.008(S)	NC	[0.0167J]	[0.015J]				
VANADIUM	0.014(S)	NC						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-4
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Criteria	NYS Class C Criteria (hardness dependent)	SB915-3150-04 SB915-SP-01E 3/27/2014 Regular sample	SB915-3150-01 SB915-SP-30 3/27/2014 Regular sample	SB915-3123-02 SB915-SP-48 6/18/2013 Regular sample	SB915-3150-02 SB915-SP-50 3/27/2014 Regular sample
ALUMINUM	0.1(S)	NC	[0.45J]	[8.2]	[0.373]	[0.14J]
BARIUM	NC	NC			[2.19]	
COBALT	0.005(S)	NC				
CYANIDE	0.0052(S)	NC	[0.041]		[0.011]	[0.01]
IRON	0.3(S)	NC		[11]		
MERCURY	0.0007(S)	NC				[0.002]
SELENIUM	0.0046(S)	NC			[0.0082J]	
SILVER	0.0001(S)	NC				
THALLIUM	0.008(S)	NC			[0.0346J]	
VANADIUM	0.014(S)	NC		[0.014J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).
Hardness dependent criteria calculated using all surface water sample average hardness of 2212.6 mg/L.

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Table K-5
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3123-01	SB915-3123-02	SB915-3123-03	SB915-3134-01	SB915-3143-01	SB915-3150-03
		Location	SB915-CIWP-SP-08	SB915-SP-48	SB915-IASP-03	SB915-SP-49	CIWP-SP-33	CIWP-SP-37
		Sample Date	6/18/2013	6/18/2013	6/18/2013	09/20/2013	12/11/2013	3/27/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL PCBs	0.001(S)	ng/L	[0.16706]	[1.50836]	[1.06747]	0.033	[9.85919]	[0.48676]

NOTES:
J = Estimated value.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-5
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3150-05	SB915-3150-04	SB915-3150-01	SB915-3150-02
		Location	CIWP-SP-38	SB915-SP-01E	SB915-SP-30	SB915-SP-50
		Sample Date	3/27/2014	3/27/2014	3/27/2014	3/27/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample
		Units				
TOTAL PCBs	0.001(S)	ng/L	[1.33058]	[0.35359]	[0.93199]	[1.46789]

NOTES:
J = Estimated value.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3142A-01 / SB915-CIWP-SP-08 / 12/11/2013 / Regular sample	SB915-3143-01 / SB-CIWP-SP-33 / 12/11/2013 / Regular sample	SB915-3150-03 / SB915-CIWP-SP-37 / 3/27/2014 / Regular sample	SB915-3150-05 / SB915-CIWP-SP-38 / 3/27/2014 / Regular sample	SB915-3240-01 / SB915-CIWP-RR-01 / 07/22/2016 / Regular Sample	SB915-3255-01 / SB915-CIWP-RR-01 / 10/10/2016 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2840]	[4320]	[11000]	[8600]	[12000]	[13000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3295-06 SB915-CIWP-SP-06 11/06/2017 Regular Sample	SB915-3267-12 SB915-CIWP-SP-06 03/31/2017 Regular Sample	SB915-3239-01 SB915-CIWP-SP-07 05/05/2016 Regular Sample	SB915-3277-09 SB915-CIWP-SP-07 06/13/2017 Regular Sample	SB915-3295-08 SB915-CIWP-SP-07 11/06/2017 Regular Sample	SB915-3123-01 SB915-CIWP-SP-08 6/18/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4200]	[6300]	[5900]	[5200]	[2400]	[4340]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3151-02 SB915-CIWP-SP-08 3/28/2014 Regular sample	SB915-3238-05 SB915-CIWP-SP-08 05/04/2016 Regular Sample	SB915-3229-04 SB915-CIWP-SP-08 03/15/2016 Regular Sample	SB915-3295-07 SB915-CIWP-SP-08 11/06/2017 Regular Sample	SB915-3268-01 SB915-CIWP-SP-08 03/31/2017 Regular Sample	SB915-3230-01 SB915-CIWP-SP-10 03/16/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3100]	[4200]	[3800]	[2800]	[3700]	[5100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3267-07 SB915-CIWP-SP-10 03/31/2017 Regular Sample	SB915-3267-01 SB915-CIWP-SP-11 03/31/2017 Regular Sample	SB915-3238-07 SB915-CIWP-SP-12 05/04/2016 Regular Sample	SB915-3231-04 SB915-CIWP-SP-12 03/16/2016 Regular Sample	SB915-3238-08 SB915-CIWP-SP-14 05/04/2016 Regular Sample	SB915-3231-01 SB915-CIWP-SP-14 03/16/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6400]	[820]	[6900]	[1700]	[11000]	[6300]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3267-06 SB915-CIWP-SP-14 03/31/2017 Regular Sample	SB915-3238-10 SB915-CIWP-SP-16 05/04/2016 Regular Sample	SB915-3230-06 SB915-CIWP-SP-16 03/16/2016 Regular Sample	SB915-3277-06 SB915-CIWP-SP-16 06/13/2017 Regular Sample	SB915-3267-08 SB915-CIWP-SP-16 03/31/2017 Regular Sample	SB915-3277-08 SB915-CIWP-SP-27 06/13/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8500]	[11000]	[11000]	[7300]	[6300]	[11000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3151-01 SB915-CIWP-SP-33 3/28/2014 Regular sample	SB915-3258-01 SB915-CIWP-SP-33 11/29/2016 Regular Sample	SB915-3238-01 SB915-CIWP-SP-33 05/04/2016 Regular Sample	SB915-3228-01 SB915-CIWP-SP-33 03/14/2016 Regular Sample	SB915-3277-12 SB915-CIWP-SP-33 06/13/2017 Regular Sample	SB915-3295-10 SB915-CIWP-SP-33 11/06/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6000]	[4800]	[10000]	[4700]	[6000]	[3100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3281-01 SB915-CIWP-SP-33 07/21/2017 Regular Sample	SB915-3268-07 SB915-CIWP-SP-33 03/31/2017 Regular Sample	SB915-3238-04 SB915-CIWP-SP-35 05/04/2016 Regular Sample	SB915-3228-10 SB915-CIWP-SP-35 03/14/2016 Regular Sample	SB915-3295-04 SB915-CIWP-SP-35 11/06/2017 Regular Sample	SB915-3258-04 SB915-CIWP-SP-37 11/29/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[11000]	[4900]	[9000]	[4800]	[2900]	[8000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3238-11 SB915-CIWP-SP-37 05/04/2016 Regular Sample	SB915-3230-07 SB915-CIWP-SP-37 03/16/2016 Regular Sample	SB915-3277-04 SB915-CIWP-SP-37 06/13/2017 Regular Sample	SB915-3296-01 SB915-CIWP-SP-37 11/07/2017 Regular Sample	SB915-3281-04 SB915-CIWP-SP-37 07/21/2017 Regular Sample	SB915-3267-09 SB915-CIWP-SP-37 03/31/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9800]	[7200]	[10000]	[11000]	[11000]	[10000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3238-06 SB915-CIWP-SP-38 05/04/2016 Regular Sample	SB915-3230-05 SB915-CIWP-SP-38 03/16/2016 Regular Sample	SB915-3277-07 SB915-CIWP-SP-38 06/13/2017 Regular Sample	SB915-3296-02 SB915-CIWP-SP-38 11/07/2017 Regular Sample	SB915-3281-06 SB915-CIWP-SP-38 07/21/2017 Regular Sample	SB915-3267-03 SB915-CIWP-SP-38 03/31/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5400]	[3600]	[6100]	[4800]	[8800]	[4200]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3228-04 SB915-CIWP-SP-39 03/14/2016 Regular Sample	SB915-3277-11 SB915-CIWP-SP-39 06/13/2017 Regular Sample	SB915-3295-11 SB915-CIWP-SP-39 11/06/2017 Regular Sample	SB915-3268-08 SB915-CIWP-SP-39 03/31/2017 Regular Sample	SB915-3229-07 SB915-CIWP-SP-40 03/15/2016 Regular Sample	SB915-3268-05 SB915-CIWP-SP-40 03/31/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8100]	[7400]	[1700]	[4600]	[2400]	[2600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3238-03 SB915-CIWP-SP-41 05/04/2016 Regular Sample	SB915-3229-02 SB915-CIWP-SP-41 03/15/2016 Regular Sample	SB915-3277-10 SB915-CIWP-SP-41 06/13/2017 Regular Sample	SB915-3228-09 SB915-CIWP-SP-42 03/14/2016 Regular Sample	SB915-3295-01 SB915-CIWP-SP-42 11/06/2017 Regular Sample	SB915-3229-05 SB915-CIWP-SP-43 03/15/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[10000]	[8600]	[13000]	[5200]	[3000]	[1900]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3268-03 SB915-CIWP-SP-43 03/31/2017 Regular Sample	SB915-3229-06 SB915-CIWP-SP-44 03/15/2016 Regular Sample	SB915-3268-04 SB915-CIWP-SP-44 03/31/2017 Regular Sample	SB915-3228-06 SB915-CIWP-SP-45 03/14/2016 Regular Sample	SB915-3228-08 SB915-CIWP-SP-46 03/14/2016 Regular Sample	SB915-3267-11 SB915-CIWP-SP-46 03/31/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2500]	[2700]	[3000]	[4000]	[4700]	[4800]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3239-04 / SB915-CIWP-SP-47 / 05/05/2016 / Regular Sample	SB915-3231-06 / SB915-CIWP-SP-47 / 03/16/2016 / Regular Sample	SB915-3277-01 / SB915-CIWP-SP-47 / 06/13/2017 / Regular Sample	SB915-3267-10 / SB915-CIWP-SP-47 / 03/31/2017 / Regular Sample	SB915-3238-09 / SB915-IASEEP-03 / 05/04/2016 / Regular Sample	SB915-3230-03 / SB915-IASEEP-03 / 03/16/2016 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7300]	[3800]	[5200]	[5900]	[11000]	[9100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3123-03	SB915-3151-03	SB915-3238-02	SB915-3229-03	SB915-3295-09	SB915-3268-02
		Location	SB915-IASP-03	SB915-IASP-03	SB915-SEEP-21	SB915-SEEP-21	SB915-SEEP-21	SB915-SEEP-21
		Sample Date	6/18/2013	3/28/2014	05/04/2016	03/15/2016	11/06/2017	03/31/2017
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[11600]	[9300]	[13000]	[11000]	[7400]	[8500]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3228-05	SB915-3278-01	SB915-3268-06	SB915-3230-04	SB915-3230-02	SB915-3229-01
		Location	SB915-SEEP-30	SB915-SEEP-30	SB915-SEEP-30	SB915-SEEP-48	SB915-SEEP-49/03B	SB915-SEEP-51
		Sample Date	03/14/2016	06/13/2017	03/31/2017	03/16/2016	03/16/2016	03/15/2016
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2200]	[3000]	[2000]	[8200]	[3400]	[1600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-6
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3150-04	SB915-3150-01	SB915-3123-02	SB915-3134-01	SB915-3150-02
		Location	SB915-SP-01E	SB915-SP-30	SB915-SP-48	SB915-SP-49	SB915-SP-50
		Sample Date	3/27/2014	3/27/2014	6/18/2013	9/20/2013	3/27/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[10000]	[2000]	[25600]	[28500]	[2700]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-7
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Criteria	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3123-01 / SB915-CIWP-SP-08 / 6/18/2013 / Regular sample	SB915-3143-01 / CIWP-SP-33 / 12/11/2013 / Regular sample	SB915-3150-03 / CIWP-SP-37 / 3/27/2014 / Regular sample	SB915-3150-05 / CIWP-SP-38 / 3/27/2014 / Regular sample	SB915-3150-04 / SB915-SP-01E / 3/27/2014 / Regular sample	SB915-3150-01 / SB915-SP-30 / 3/27/2014 / Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.000023]	[0.000065859]	[0.000074244]	[0.000199675]	[0.000195723]	[0.00042701]

NOTES:
TEF from Van den Berg, et al. (2006) for Humans/Mammals; TEQ - Toxic Equivalence Concentration.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-7
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Leachate Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Criteria	Field Sample ID	SB915-3150-02	SB915-3115-01
		Location	SB915-SP-50	SB915-CIWP-SP-33
		Sample Date	3/27/2014	03/18/2013
		Sample Purpose	Regular sample	Regular sample
		Units		
Total TEQ	0.0000006(S)	ng/L	[0.000044233]	[0.00032523]

NOTES:
TEF from Van den Berg, et al. (2006) for Humans/Mammals; TEQ - Toxic Equivalence Concentration.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0043-01 SB915-IMW-02S 04/26/2012 Regular sample	SB915-0125-02 SB915-IMW-02S 08/16/2013 Regular sample	SB915-0222-03 SB915-IMW-02S 12/01/2014 Regular sample	SB915-0255-03 SB915-IMW-02S 05/12/2015 Regular sample	SB915-0341-04 SB915-IMW-02S 08/15/2016 Regular Sample	SB915-0382-04 SB915-IMW-02S 05/04/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[22]	[22]	[31]	[23]	[23]	[15]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are also Wastebeds 9-15 Closure Inv.

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0042-07 SB915-IMW-03S 04/25/2012 Regular sample	SB915-0125-03 SB915-IMW-03S 08/16/2013 Regular sample	SB915-0222-04 SB915-IMW-03S 12/01/2014 Regular sample	SB915-0257-04 SB915-IMW-03S 05/14/2015 Regular sample	SB915-0342-04 SB915-IMW-03S 08/16/2016 Regular Sample	SB915-0042-04 SB915-IMW-04S 04/25/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L		[98]	[53]	[57J]	[70]	
BENZENE	1(S)	µg/L	[2.8]			[1]		[3.2]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0135-03 SB915-IMW-04S 09/09/2013 Regular sample	SB915-0042-03 SB915-IMW-05S 04/25/2012 Regular sample	SB915-0131-03 SB915-IMW-05S 08/26/2013 Regular sample	SB915-0221-02 SB915-IMW-05S 11/21/2014 Regular sample	SB915-0251-01 SB915-IMW-05S 05/06/2015 Regular sample	SB915-0341-01 SB915-IMW-05S 08/15/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[1.1]	[8.3]	[6.2]	[6.8]	[7.1]	[8.2]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0381-04 SB915-IMW-05S 05/03/2017 Regular Sample	SB915-0042-02 SB915-IMW-06S 04/25/2012 Regular sample	SB915-0131-02 SB915-IMW-06S 08/26/2013 Regular sample	SB915-0221-03 SB915-IMW-06S 11/21/2014 Regular sample	SB915-0251-02 SB915-IMW-06S 05/06/2015 Regular sample	SB915-0341-03 SB915-IMW-06S 08/15/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						[58]
BENZENE	1(S)	µg/L	[4.8]	[1.9]	[2.5]	[2.5]	[2]	[2.7]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0381-05 SB915-IMW-06S 05/03/2017 Regular Sample	SCA-0048-06 SB915-MW-100S 05/11/2012 Regular sample	SCA-0055-09 SB915-MW-100S 07/14/2012 Regular sample	SCA-0060-09 SB915-MW-100S 11/28/2012 Regular sample	SCA-0082-05 SB915-MW-100S 6/3/2013 Regular sample	SCA-0172-03 SB915-MW-100S 03/18/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L		[9]	[5.8]	[9.5]	[8.4]	[7.9J]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L				[282]	[8.9]	[7.8J]
1,4-DICHLOROBENZENE	3(S)	µg/L		[303]	[194]		[280]	[280]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[1.8]	[41.6]	[20]	[38.9]	[26]	[27]
CHLOROBENZENE	5(S)	µg/L		[531]	[389]	[512]	[470J]	[420]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						[6.3J]
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0047-05 SB915-MW-101S 05/10/2012 Regular sample	SCA-0054-01 SB915-MW-101S 07/13/2012 Regular sample	SCA-0064-01 SB915-MW-101S 12/04/2012 Regular sample	SCA-0082-06 SB915-MW-101S 6/3/2013 Regular sample	SCA-0172-02 SB915-MW-101S 03/18/2015 Regular sample	SCA-0049-05 SB915-MW-102S 05/14/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[12.2]	[10.1]	[14.9]	[17]		[6.1]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[2.6]	[7.4]	[7.9]	[5.7]		
1,3-DICHLOROBENZENE	3(S)	µg/L			[62.5]	[4.4]		
1,4-DICHLOROBENZENE	3(S)	µg/L	[52.6]	[58.3]		[61]	[55]	[10.2]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[5.1]	[5.2]	[4.3]	[4.1]		
CHLOROBENZENE	5(S)	µg/L	[97.6]	[119]	[101]	[110]	[110]	[21.2]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0054-02 SB915-MW-102S 07/13/2012 Regular sample	SCA-0064-02 SB915-MW-102S 12/04/2012 Regular sample	SCA-0085-01 SB915-MW-102S 6/6/2013 Regular sample	SCA-0172-01 SB915-MW-102S 03/18/2015 Regular sample	SB915-0129-02 SB915-MW-109I 08/22/2013 Regular sample	SB915-0216-01 SB915-MW-109I 11/13/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[5.7]	[6.5]	[5.5]	[4.4]		
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L		[10.8]				
1,4-DICHLOROBENZENE	3(S)	µg/L	[10]		[9.2]	[7.7]		
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L					[4.4]	[4.6]
CHLOROBENZENE	5(S)	µg/L	[22.2]	[21.3]	[18]	[17]		
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0253-02 SB915-MW-109I 05/08/2015 Regular sample	SB915-0338-04 SB915-MW-109I 08/10/2016 Regular Sample	SB915-0386-04 SB915-MW-109I 05/10/2017 Regular Sample	SB915-0049-01 SB915-MW-109S 05/04/2012 Regular sample	SB915-0129-03 SB915-MW-109S 08/22/2013 Regular sample	SB915-0216-02 SB915-MW-109S 11/13/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						[70]
BENZENE	1(S)	µg/L	[5]	[6.5]	[5.2]	[23]	[23]	[31]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0253-01 SB915-MW-109S 05/08/2015 Regular sample	SB915-0338-01 SB915-MW-109S 08/10/2016 Regular Sample	SB915-0386-01 SB915-MW-109S 05/10/2017 Regular Sample	SB915-0252-08 SB915-MW-112S 05/07/2015 Regular sample	SB915-0338-06 SB915-MW-112S 08/10/2016 Regular Sample	SB915-0049-02 SB915-MW-113S 05/04/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L	[66J]	[62J]	[55]			
BENZENE	1(S)	µg/L	[34]	[44]	[40]	[2.4]	[3.5]	[12]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0130-01 SB915-MW-113S 08/23/2013 Regular sample	SB915-0224-06 SB915-MW-113S 12/03/2014 Regular sample	SB915-0259-01 SB915-MW-113S 05/18/2015 Regular sample	SB915-0342-02 SB915-MW-113S 08/16/2016 Regular Sample	SB915-0387-04 SB915-MW-113S 05/11/2017 Regular Sample	SB915-0051-04 SB915-MW-118BR 05/18/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[5.8]	[3.1]	[2.3]	[3.1]	[8.2]	[1.8]
CHLOROBENZENE	5(S)	µg/L						[17]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0114-04 SB915-MW-118BR 08/01/2013 Regular sample	SB915-0202-02 SB915-MW-118BR 10/23/2014 Regular sample	SB915-0247-03 SB915-MW-118BR 04/30/2015 Regular sample	SB915-0332-01 SB915-MW-118BR 08/01/2016 Regular Sample	SB915-0379-06 SB915-MW-118BR 05/01/2017 Regular Sample	SB915-0057-02 SB915-MW-36I 05/31/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						[5.2]
1,2-DICHLOROBENZENE	3(S)	µg/L						[71]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[3.2]					[97]
ACETONE	50(S)	µg/L						[95]
BENZENE	1(S)	µg/L	[1.6]	[1.5]	[1.3]			[4.3J]
CHLOROBENZENE	5(S)	µg/L	[19]	[20]	[17]	[17]	[18]	[60]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0121-01 SB915-MW-36I 08/12/2013 Regular sample	SB915-0214-02 SB915-MW-36I 11/11/2014 Regular sample	SB915-0249-03 SB915-MW-36I 05/04/2015 Regular sample	SB915-0348-04 SB915-MW-36I 08/24/2016 Regular Sample	SB915-0394-03 SB915-MW-36I 05/22/2017 Regular Sample	SB915-0057-01 SB915-MW-36S 05/31/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[29]	[8.3]	[10]	[9.1]	[28]	[21]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[48]	[11]	[16]	[14]	[44]	[41E]
ACETONE	50(S)	µg/L	[100]	[93]	[180J]	[73]		[90E]
BENZENE	1(S)	µg/L	[7]	[16]		[14]	[3.9]	
CHLOROBENZENE	5(S)	µg/L	[17]	[8.1]	[7.3]	[7.4]	[33]	[9.9]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0249-01 SB915-MW-36S 05/04/2015 Regular sample	SB915-0394-04 SB915-MW-36S 05/22/2017 Regular Sample	SB915-0041-05 SB915-MW-42D 04/24/2012 Regular sample	SB915-0041-04 SB915-MW-42I 04/24/2012 Regular sample	SB915-0137-02 SB915-MW-42I 09/11/2013 Regular sample	SB915-0257-02 SB915-MW-42I 05/14/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L	[230J]	[73]	[53]	[130]	[99J]	[100J]
BENZENE	1(S)	µg/L				[29]	[34]	[38]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0347-02 SB915-MW-42I 08/23/2016 Regular Sample	SB915-0389-03 SB915-MW-42I 05/15/2017 Regular Sample	SB915-0043-06 SB915-MW-42S 04/26/2012 Regular sample	SB915-0390-01 SB915-MW-42S 05/16/2017 Regular Sample	SB915-0052-02 SB915-MW-43S 05/23/2012 Regular sample	SB915-0048-02 SB915-MW-53I 05/03/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L	[86J]	[50]				[86J]
BENZENE	1(S)	µg/L	[33]	[39]	[11]	[11]	[18]	[400]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						[6.6J]
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0132-01 SB915-MW-53I 08/27/2013 Regular sample	SB915-0256-05 SB915-MW-53I 05/13/2015 Regular sample	SB915-0346-01 SB915-MW-53I 08/22/2016 Regular Sample	SB915-0391-05 SB915-MW-53I 05/17/2017 Regular Sample	SB915-0047-03 SB915-MW-59S 05/02/2012 Regular sample	SB915-0128-01 SB915-MW-59S 08/21/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L					[3.4]	[4J]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L	[120]	[130J]	[110J]	[85]		
BENZENE	1(S)	µg/L	[400]	[510]	[450]	[380]		
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L	[6.1]	[9.5]	[5.6]	[7.4]		
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0224-03 SB915-MW-59S 12/03/2014 Regular sample	SB915-0255-06 SB915-MW-59S 05/12/2015 Regular sample	SB915-0335-05 SB915-MW-59S 08/04/2016 Regular Sample	SB915-0386-02 SB915-MW-59S 05/10/2017 Regular Sample	SB915-0219-02 SB915-MW-60S 11/18/2014 Regular sample	SB915-0256-02 SB915-MW-60S 05/13/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[5.5]	[6.5]	[3.6]	[4.6]		
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L				[5.7]	[1.3]	[1.8]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0338-07 SB915-MW-60S 08/10/2016 Regular Sample	SB915-0386-03 SB915-MW-60S 05/10/2017 Regular Sample	SCA-0045-03 SB915-MW-88D 05/08/2012 Regular sample	SCA-0053-03 SB915-MW-88D 07/12/2012 Regular sample	SCA-0060-06 SB915-MW-88D 11/28/2012 Regular sample	SCA-0080-05 SB915-MW-88D 5/30/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L			[56.6]	[51.6]	[64.9]	[59]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L					[54.6]	
1,4-DICHLOROBENZENE	3(S)	µg/L			[45.7]	[42.1]		[50]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.3]	[1.5J]	[8.5]	[9]	[9.2]	[7.3]
CHLOROBENZENE	5(S)	µg/L			[33.1]	[37.2]	[39.9]	[43]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0090-03 SB915-MW-88D 9/4/2013 Regular sample	SCA-0103-02 SB915-MW-88D 11/19/2013 Regular sample	SCA-0115-02 SB915-MW-88D 2/27/2014 Regular sample	SCA-0126-03 SB915-MW-88D 05/29/2014 Regular sample	SCA-0139-01 SB915-MW-88D 09/04/2014 Regular sample	SCA-0154-03 SB915-MW-88D 12/10/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[72]	[64]	[50]	[44]	[51]	[51]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[59]	[52]	[39]	[36]	[41]	[45]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[7.9]	[8.4]	[6.9]	[5.3]	[6.8]	[6.5]
CHLOROBENZENE	5(S)	µg/L	[47]	[49]	[49]	[27]	[53]	[54]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0166-06 SB915-MW-88D 03/10/2015 Regular sample	SCA-0177-05 SB915-MW-88D 05/27/2015 Regular sample	SCA-0185-05 SB915-MW-88D 08/17/2015 Regular sample	SCA-0197-01 SB915-MW-88D 11/19/2015 Regular Sample	SCA-0202-04 SB915-MW-88D 03/03/2016 Regular Sample	SCA-0211-03 SB915-MW-88D 06/07/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[57]	[42]	[47]	[46]	[30]	[34]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[48]	[42]	[45]	[41]	[36]	[42]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[7.4]	[6.1]	[5.7]	[7.3]	[4.9]	[4.9]
CHLOROBENZENE	5(S)	µg/L	[58]	[54]	[63]	[46]	[66]	[61]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0216-05 SB915-MW-88D 08/29/2016 Regular Sample	SCA-0223-07 SB915-MW-88D 11/04/2016 Regular Sample	SCA-0231-07 SB915-MW-88D 02/27/2017 Regular Sample	SCA-0239-03 SB915-MW-88D 06/02/2017 Regular Sample	SCA-0247-04 SB915-MW-88D 08/11/2017 Regular Sample	SCA-0250-01 SB915-MW-88D 10/30/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[44]	[41]	[26]	[30]	[22]	[33]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[44]	[45]	[40]	[38]	[37]	[40]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[6.5]	[6.4]	[6.4]	[5]	[6.7]	[7.4J]
CHLOROBENZENE	5(S)	µg/L	[68]	[87]	[93]	[46]	[49]	[60J]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0045-02 SB915-MW-88I 05/08/2012 Regular sample	SCA-0053-02 SB915-MW-88I 07/12/2012 Regular sample	SCA-0060-02 SB915-MW-88I 11/28/2012 Regular sample	SCA-0080-03 SB915-MW-88I 5/30/2013 Regular sample	SCA-0088-03 SB915-MW-88I 8/30/2013 Regular sample	SCA-0103-01 SB915-MW-88I 11/19/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L			[16.8]			
1,4-DICHLOROBENZENE	3(S)	µg/L	[9.6]	[10.9]		[14]	[16]	[19]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.6]	[3.7]	[3.4]	[1.6]	[2.2]	[2.5]
CHLOROBENZENE	5(S)	µg/L	[30.7]	[48]	[61.7]	[41]	[45]	[61]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0115-01 SB915-MW-88I 2/27/2014 Regular sample	SCA-0126-02 SB915-MW-88I 05/29/2014 Regular sample	SCA-0139-03 SB915-MW-88I 09/04/2014 Regular sample	SCA-0154-01 SB915-MW-88I 12/10/2014 Regular sample	SCA-0166-02 SB915-MW-88I 03/10/2015 Regular sample	SCA-0177-03 SB915-MW-88I 05/27/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[18]	[8.1]	[12]	[13]	[14]	[9.8]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.6]		[2.1]	[2.6]	[2.6]	[1.8]
CHLOROBENZENE	5(S)	µg/L	[59]	[15]	[34]	[39]	[41J]	[24]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0185-04 SB915-MW-88I 08/17/2015 Regular sample	SCA-0197-03 SB915-MW-88I 11/19/2015 Regular Sample	SCA-0202-03 SB915-MW-88I 03/03/2016 Regular Sample	SCA-0212-03 SB915-MW-88I 06/08/2016 Regular Sample	SCA-0216-08 SB915-MW-88I 08/29/2016 Regular Sample	SCA-0223-04 SB915-MW-88I 11/04/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[12]	[12]	[13]	[8.9]	[12]	[12]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[1.2]	[1.9]	[1.9]		[1.7]	[2]
CHLOROBENZENE	5(S)	µg/L	[27]	[30J]	[38]	[18]	[29]	[35]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0231-04 SB915-MW-88I 02/27/2017 Regular Sample	SCA-0241-05 SB915-MW-88I 06/06/2017 Regular Sample	SCA-0248-02 SB915-MW-88I 08/14/2017 Regular Sample	SCA-0250-04 SB915-MW-88I 10/30/2017 Regular Sample	SCA-0046-03 SB915-MW-89D 05/09/2012 Regular sample	SCA-0055-06 SB915-MW-89D 07/14/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L					[32.4]	[33.5]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[11]	[6.4]	[6.7]	[8.9]	[17]	[18.1]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[1.4]	[1.1]	[1]	[2.5]	[6.9]	[4.8]
CHLOROBENZENE	5(S)	µg/L	[27]	[13]	[16]	[23]	[357]	[320]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0061-02 SB915-MW-89D 11/29/2012 Regular sample	SCA-0081-03 SB915-MW-89D 5/31/2013 Regular sample	SCA-0090-01 SB915-MW-89D 9/4/2013 Regular sample	SCA-0106-03 SB915-MW-89D 11/22/2013 Regular sample	SCA-0116-02 SB915-MW-89D 2/28/2014 Regular sample	SCA-0127-02 SB915-MW-89D 05/30/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[35.1]	[34]	[45]	[34]	[31]	[27]
1,2-DICHLOROETHANE	0.6(S)	µg/L			[0.61J]			
1,3-DICHLOROBENZENE	3(S)	µg/L	[18.1]					
1,4-DICHLOROBENZENE	3(S)	µg/L		[16]	[21]	[15]	[13J]	[12]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[6.4]	[6]	[6.4]	[6.8]	[5.8J]	[4.9]
CHLOROBENZENE	5(S)	µg/L	[402]	[330]	[370]	[350]	[350]	[280]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0140-03 SB915-MW-89D 09/05/2014 Regular sample	SCA-0155-01 SB915-MW-89D 12/11/2014 Regular sample	SCA-0168-04 SB915-MW-89D 03/12/2015 Regular sample	SCA-0178-03 SB915-MW-89D 05/29/2015 Regular sample	SCA-0186-03 SB915-MW-89D 08/18/2015 Regular sample	SCA-0195-01 SB915-MW-89D 11/17/2015 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[18J]	[18]	[22]	[19J]	[22]	[15]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[8.6J]	[6.3]	[6.9J]	[8.0J]	[8.5J]	[4.3]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[6.3J]	[6.4]	[7.1J]	[7.0J]	[5.9J]	[7.9]
CHLOROBENZENE	5(S)	µg/L	[340]	[330]	[370]	[370]	[320]	[320]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L				[15J]		
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0203-03 SB915-MW-89D 03/04/2016 Regular Sample	SCA-0212-01 SB915-MW-89D 06/08/2016 Regular Sample	SCA-0217-02 SB915-MW-89D 08/30/2016 Regular Sample	SCA-0225-05 SB915-MW-89D 11/08/2016 Regular Sample	SCA-0232-04 SB915-MW-89D 02/28/2017 Regular Sample	SCA-0241-02 SB915-MW-89D 06/06/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[11J]	[15J]	[15J]	[29]	[21]	[17J]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[4.2J]	[5.3J]	[6.8J]	[10J]	[5.1J]	[4.0J]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[7.0J]	[7.2J]	[7.1J]	[7.9J]	[7.2J]	[7.4J]
CHLOROBENZENE	5(S)	µg/L	[320]	[340]	[320]	[370]	[310]	[250J]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0246-03 SB915-MW-89D 08/10/2017 Regular Sample	SCA-0253-02 SB915-MW-89D 11/02/2017 Regular Sample	SCA-0046-02 SB915-MW-89I 05/09/2012 Regular sample	SCA-0055-05 SB915-MW-89I 07/14/2012 Regular sample	SCA-0061-03 SB915-MW-89I 11/29/2012 Regular sample	SCA-0081-06 SB915-MW-89I 5/31/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[17]	[22]	[78.5]	[79]	[85.7]	[77]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L					[75.4]	
1,4-DICHLOROBENZENE	3(S)	µg/L	[4.3]		[74.6]	[93.4]		[76]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[6.4]		[8.1]	[3.9]	[6.9]	[4.9]
CHLOROBENZENE	5(S)	µg/L	[210]	[250]	[271]	[118]	[329]	[190]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0089-02 SB915-MW-89I 9/3/2013 Regular sample	SCA-0106-04 SB915-MW-89I 11/22/2013 Regular sample	SCA-0116-03 SB915-MW-89I 2/28/2014 Regular sample	SCA-0127-05 SB915-MW-89I 05/30/2014 Regular sample	SCA-0140-02 SB915-MW-89I 09/05/2014 Regular sample	SCA-0155-02 SB915-MW-89I 12/11/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[97]	[78]	[72]	[61]	[66]	[71]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[110]	[75]	[69]	[58]	[61]	[65]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[4]	[5.3]	[4.4J]	[3.4J]	[5.1J]	[5.2J]
CHLOROBENZENE	5(S)	µg/L	[120]	[210]	[200]	[170]	[220]	[240]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0168-02 SB915-MW-89I 03/12/2015 Regular sample	SCA-0178-02 SB915-MW-89I 05/29/2015 Regular sample	SCA-0186-02 SB915-MW-89I 08/18/2015 Regular sample	SCA-0195-02 SB915-MW-89I 11/17/2015 Regular Sample	SCA-0203-04 SB915-MW-89I 03/04/2016 Regular Sample	SCA-0212-05 SB915-MW-89I 06/08/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[78]	[72]	[74]	[91]	[75]	[84]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[67]	[66]	[68]	[75]	[60]	[92]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[6.5J]	[5.3]	[3.0J]	[7.4J]	[4.9J]	[3.9J]
CHLOROBENZENE	5(S)	µg/L	[250]	[220]	[120]	[220]	[210]	[110]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0218-01 SB915-MW-89I 08/31/2016 Regular Sample	SCA-0225-03 SB915-MW-89I 11/08/2016 Regular Sample	SCA-0231-09 SB915-MW-89I 02/27/2017 Regular Sample	SCA-0240-03 SB915-MW-89I 06/05/2017 Regular Sample	SCA-0246-07 SB915-MW-89I 08/10/2017 Regular Sample	SCA-0253-01 SB915-MW-89I 11/02/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[84]	[85]	[100]	[79]	[65]	[92]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[83]	[75]	[66]	[67]	[58]	[53]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[4.5J]	[5.9J]	[4.9J]	[4.1J]	[5.6]	[4]
CHLOROBENZENE	5(S)	µg/L	[160]	[260]	[250]	[140]	[120]	[180]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0047-02 SB915-MW-90I 05/10/2012 Regular sample	SCA-0056-06 SB915-MW-90I 07/17/2012 Regular sample	SCA-0062-02 SB915-MW-90I 11/30/2012 Regular sample	SCA-0083-04 SB915-MW-90I 6/4/2013 Regular sample	SCA-0091-03 SB915-MW-90I 9/5/2013 Regular sample	SCA-0108-02 SB915-MW-90I 12/03/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[18.9]	[17]	[19.5]	[17]	[19]	[17]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[4.9]	[5.5]	[7.4]	[5.4]	[4.8]	[6.3]
1,3-DICHLOROBENZENE	3(S)	µg/L			[77.8]	[5]	[5.4]	[4.9]
1,4-DICHLOROBENZENE	3(S)	µg/L	[73]	[69.3]		[72]	[80]	[71]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[4.9]	[4.8]	[3.7]	[3.6]	[3.2]	[3.6]
CHLOROBENZENE	5(S)	µg/L	[149]	[146]	[145]	[130]	[130]	[140]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0117-06 SB915-MW-90I 3/3/2014 Regular sample	SCA-0130-03 SB915-MW-90I 06/04/2014 Regular sample	SCA-0141-01 SB915-MW-90I 09/08/2014 Regular sample	SCA-0157-02 SB915-MW-90I 12/15/2014 Regular sample	SCA-0169-02 SB915-MW-90I 03/13/2015 Regular sample	SCA-0180-05 SB915-MW-90I 06/02/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[14]	[13]	[14]	[14]	[12]	[12]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[4.5J]	[3.5]	[4.5J]	[5.6]	[6.8]	[6.9]
1,3-DICHLOROBENZENE	3(S)	µg/L	[3.5J]	[3.5]	[3.5J]	[3.8]	[3.3J]	[3.4J]
1,4-DICHLOROBENZENE	3(S)	µg/L	[60]	[59]	[61]	[59]	[53]	[57]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.6J]	[2.9]	[2.7J]	[2.6]	[2.6J]	[2.8J]
CHLOROBENZENE	5(S)	µg/L	[120]	[130]	[130]	[120]	[110]	[120]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0187-01 SB915-MW-90I 08/19/2015 Regular sample	SCA-0197-08 SB915-MW-90I 11/19/2015 Regular Sample	SCA-0204-01 SB915-MW-90I 03/07/2016 Regular Sample	SCA-0213-07 SB915-MW-90I 06/09/2016 Regular Sample	SCA-0228-06 SB915-MW-90I 11/10/2016 Regular Sample	SCA-0233-01 SB915-MW-90I 03/01/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[12]	[12]	[9.7]	[10]	[11]	[11]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[4.7J]	[6.4]	[5.8]	[4.8J]	[7]	[5.4]
1,3-DICHLOROBENZENE	3(S)	µg/L	[3.1J]	[3.8]	[3.4J]	[3.2J]	[3.4J]	[3.1J]
1,4-DICHLOROBENZENE	3(S)	µg/L	[58]	[59]	[50]	[54]	[54]	[50]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.2J]	[3.1]	[2.6J]	[2.1J]	[1.8J]	[1.9J]
CHLOROBENZENE	5(S)	µg/L	[110]	[98]	[100]	[100]	[110]	[110]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						[6.9]
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L	[2.1J]	[2.5]				
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0241-08 SB915-MW-90I 06/06/2017 Regular Sample	SCA-0247-07 SB915-MW-90I 08/11/2017 Regular Sample	SCA-0251-03 SB915-MW-90I 10/31/2017 Regular Sample	SCA-0047-01 SB915-MW-90S 05/10/2012 Regular sample	SCA-0056-01 SB915-MW-90S 07/17/2012 Regular sample	SCA-0062-01 SB915-MW-90S 11/30/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[12]	[9.8]	[11]	[14.7]	[15.3]	[16.4]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[4]	[4]	[5.4]			
1,3-DICHLOROBENZENE	3(S)	µg/L	[3.7]					[27.3]
1,4-DICHLOROBENZENE	3(S)	µg/L	[59J]	[45]	[49]	[26.7]	[28.6]	
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.3]	[1.8]	[1.6]			
CHLOROBENZENE	5(S)	µg/L	[100J]	[83]	[85]	[26]	[29]	[25.9]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L			[2.1]			
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0083-03 SB915-MW-90S 6/4/2013 Regular sample	SCA-0100-01 SB915-MW-90S 9/18/2013 Regular sample	SCA-0108-01 SB915-MW-90S 12/03/2013 Regular sample	SCA-0117-04 SB915-MW-90S 3/3/2014 Regular sample	SCA-0130-04 SB915-MW-90S 06/04/2014 Regular sample	SCA-0141-02 SB915-MW-90S 09/08/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[16]	[15]	[12]	[15]	[17]	[15]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[28]	[26]	[23]	[26]	[31]	[29]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[28]	[27]	[24]	[29]	[32]	[41J]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0157-05 SB915-MW-90S 12/15/2014 Regular sample	SCA-0169-01 SB915-MW-90S 03/13/2015 Regular sample	SCA-0180-06 SB915-MW-90S 06/02/2015 Regular sample	SCA-0187-02 SB915-MW-90S 08/19/2015 Regular sample	SCA-0197-07 SB915-MW-90S 11/19/2015 Regular Sample	SCA-0204-02 SB915-MW-90S 03/07/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[14]	[13]	[14]	[18]	[15]	[10]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[26]	[24]	[26]	[32]	[26]	[19]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[29]	[28]	[28]	[33]	[30]	[22]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0213-03 SB915-MW-90S 06/09/2016 Regular Sample	SCA-0228-09 SB915-MW-90S 11/10/2016 Regular Sample	SCA-0233-05 SB915-MW-90S 03/01/2017 Regular Sample	SCA-0241-03 SB915-MW-90S 06/06/2017 Regular Sample	SCA-0247-09 SB915-MW-90S 08/11/2017 Regular Sample	SCA-0251-04 SB915-MW-90S 10/31/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[13]	[15]	[14]	[10]	[11]	[9.4]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[24]	[29]	[23]	[20]	[23]	[19]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[28J]	[35]	[29]	[23]	[32]	[22]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0045-05 SB915-MW-91BR 05/08/2012 Regular sample	SCA-0057-03 SB915-MW-91BR 07/18/2012 Regular sample	SCA-0050-04 SB915-MW-91D 05/15/2012 Regular sample	SCA-0057-06 SB915-MW-91D 07/18/2012 Regular sample	SCA-0064-03 SB915-MW-91D 12/04/2012 Regular sample	SCA-0085-05 SB915-MW-91D 6/6/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L			[5.8]	[5.6]	[5.9]	[4.3]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[5.5]	[1.7]				
CHLOROBENZENE	5(S)	µg/L			[25.9]	[29.3]	[29.7J]	[25]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0092-01 SB915-MW-91D 9/11/2013 Regular sample	SCA-0110-02 SB915-MW-91D 12/05/2013 Regular sample	SCA-0121-02 SB915-MW-91D 3/7/2014 Regular sample	SCA-0132-03 SB915-MW-91D 06/06/2014 Regular sample	SCA-0143-01 SB915-MW-91D 09/10/2014 Regular sample	SCA-0160-01 SB915-MW-91D 12/17/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[3.3]	[3.5]	[3.8]	[2.9]	[3.7]	[3.1]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[29]	[29]	[27]	[20]	[33]	[32]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0173-01 SB915-MW-91D 03/19/2015 Regular sample	SCA-0181-03 SB915-MW-91D 06/03/2015 Regular sample	SCA-0189-01 SB915-MW-91D 08/21/2015 Regular sample	SCA-0198-01 SB915-MW-91D 11/23/2015 Regular Sample	SCA-0204-04 SB915-MW-91D 03/07/2016 Regular Sample	SCA-0209-06 SB915-MW-91D 06/03/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[3.4]	[3.7]	[3.4]	[4.6]	[3.1]	[3.3]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[30]	[34]	[30]	[26]	[26]	[27]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0228-07 SB915-MW-91D 11/10/2016 Regular Sample	SCA-0234-08 SB915-MW-91D 03/02/2017 Regular Sample	SCA-0237-07 SB915-MW-91D 05/31/2017 Regular Sample	SCA-0244-07 SB915-MW-91D 08/08/2017 Regular Sample	SCA-0252-07 SB915-MW-91D 11/01/2017 Regular Sample	SCA-0050-03 SB915-MW-91I 05/15/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						[3.2]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[3.4]	[3.2]	[2.5]	[3.3]	[5.5]	[1.2]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[27]	[31]	[25]	[24]	[25]	[35.3]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0057-01 SB915-MW-91I 07/18/2012 Regular sample	SCA-0064-04 SB915-MW-91I 12/04/2012 Regular sample	SCA-0085-09 SB915-MW-91I 6/6/2013 Regular sample	SCA-0092-02 SB915-MW-91I 9/11/2013 Regular sample	SCA-0111-01 SB915-MW-91I 12/06/2013 Regular sample	SCA-0121-04 SB915-MW-91I 3/7/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[3.3]	[4.1]	[3.2]	[3.5]	[3.7]	[3.5]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[1.2]	[1.3]	[1.2]	[0.98J]	[1.1]	[0.89J]
1,3-DICHLOROBENZENE	3(S)	µg/L		[3.2]				
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[37.9]	[39.2]	[30]	[35]	[33]	[34]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0132-02 SB915-MW-91I 06/06/2014 Regular sample	SCA-0143-04 SB915-MW-91I 09/10/2014 Regular sample	SCA-0160-03 SB915-MW-91I 12/17/2014 Regular sample	SCA-0173-03 SB915-MW-91I 03/19/2015 Regular sample	SCA-0181-04 SB915-MW-91I 06/03/2015 Regular sample	SCA-0189-05 SB915-MW-91I 08/21/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L		[3.3]	[3.5]	[3.2]	[3.6]	[3.6]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[0.75J]	[1.2]	[1]	[1]	[1.3]	[1.2]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L					[3]	
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[25]	[34]	[35]	[30]	[37]	[36]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0198-03 SB915-MW-91I 11/23/2015 Regular Sample	SCA-0204-03 SB915-MW-91I 03/07/2016 Regular Sample	SCA-0209-04 SB915-MW-91I 06/03/2016 Regular Sample	SCA-0228-10 SB915-MW-91I 11/10/2016 Regular Sample	SCA-0235-03 SB915-MW-91I 03/03/2017 Regular Sample	SCA-0237-04 SB915-MW-91I 05/31/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L					[3.4]	[3.1]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[1.3]	[1]	[1.1]	[0.98J]	[1.1]	[0.87J]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[28]	[31]	[30]	[31]	[36]	[29]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0244-03 SB915-MW-91I 08/08/2017 Regular Sample	SCA-0252-04 SB915-MW-91I 11/01/2017 Regular Sample	SCA-0050-01 SB915-MW-91S 05/15/2012 Regular sample	SCA-0057-05 SB915-MW-91S 07/18/2012 Regular sample	SCA-0065-04 SB915-MW-91S 12/05/2012 Regular sample	SCA-0085-08 SB915-MW-91S 6/6/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L			[81.9]	[47.5]	[22]	[74]
1,2-DICHLOROETHANE	0.6(S)	µg/L	[1.2]	[1.1]				
1,3-DICHLOROBENZENE	3(S)	µg/L					[17.5]	
1,4-DICHLOROBENZENE	3(S)	µg/L			[79.4]	[44.9]		[74]
ACETONE	50(S)	µg/L			[158]	[131]	[112]	[110]
BENZENE	1(S)	µg/L			[211]	[231]	[242]	[190]
CHLOROBENZENE	5(S)	µg/L	[27]	[26]	[164]	[115]	[66.7]	[130]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L			[49]	[41.5]	[46.1]	[41]
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						[7.4]
XYLENES, TOTAL	5(S)	µg/L			[12]	[8]	[7.2]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0173-02 SB915-MW-91S 03/19/2015 Regular sample	SCA-0050-02 SB915-MW-91SN 05/15/2012 Regular sample	SCA-0057-02 SB915-MW-91SN 07/18/2012 Regular sample	SCA-0065-01 SB915-MW-91SN 12/05/2012 Regular sample	SCA-0085-07 SB915-MW-91SN 6/6/2013 Regular sample	SCA-0051-02 SB915-MW-92I 05/16/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[25]					[4.1]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[25]					
ACETONE	50(S)	µg/L	[110]					
BENZENE	1(S)	µg/L	[200]	[4.7]	[4]	[1.2]	[1.3]	[9.6]
CHLOROBENZENE	5(S)	µg/L	[78]					[7.3]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L	[46]					
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0056-08 SB915-MW-92I 07/17/2012 Regular sample	SCA-0066-01 SB915-MW-92I 12/06/2012 Regular sample	SCA-0086-02 SB915-MW-92I 6/7/2013 Regular sample	SCA-0096-04 SB915-MW-92I 9/16/2013 Regular sample	SCA-0111-04 SB915-MW-92I 12/06/2013 Regular sample	SCA-0124-01 SB915-MW-92I 3/14/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L			[3.8]			
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[10.3]	[4.3]	[4.9]	[5.7]	[4.3]	[6.7]
CHLOROBENZENE	5(S)	µg/L	[6.9]		[5.8]			
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0133-04 SB915-MW-92I 06/09/2014 Regular sample	SCA-0145-03 SB915-MW-92I 09/12/2014 Regular sample	SCA-0162-02 SB915-MW-92I 12/18/2014 Regular sample	SCA-0170-03 SB915-MW-92I 03/16/2015 Regular sample	SCA-0182-08 SB915-MW-92I 06/04/2015 Regular sample	SCA-0191-02 SB915-MW-92I 08/24/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L					[3.2]	
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[4.8]	[6.1]	[3.6]	[4.3]	[6.9]	[4.6]
CHLOROBENZENE	5(S)	µg/L					[6.5]	
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0192-07 SB915-MW-92I 11/10/2015 Regular Sample	SCA-0204-05 SB915-MW-92I 03/07/2016 Regular Sample	SCA-0210-01 SB915-MW-92I 06/06/2016 Regular Sample	SCA-0219-10 SB915-MW-92I 09/01/2016 Regular Sample	SCA-0219-10 SB915-MW-92I 09/01/2016 Regular Sample	SCA-0228-08 SB915-MW-92I 11/10/2016 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L				[12]		
1,2-DICHLOROETHANE	0.6(S)	µg/L				[5.6]		
1,3-DICHLOROBENZENE	3(S)	µg/L				[3.5]		
1,4-DICHLOROBENZENE	3(S)	µg/L				[54]		
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[2.8]	[7.2]	[4.4]	[2]	[3.2]	[3.8]
CHLOROBENZENE	5(S)	µg/L				[100]		
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L				[2.6]		
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0234-07 SB915-MW-92I 03/02/2017 Regular Sample	SCA-0237-06 SB915-MW-92I 05/31/2017 Regular Sample	SCA-0051-01 SB915-MW-92S 05/16/2012 Regular sample	SCA-0056-07 SB915-MW-92S 07/17/2012 Regular sample	SCA-0066-02 SB915-MW-92S 12/06/2012 Regular sample	SCA-0086-03 SB915-MW-92S 6/7/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L			[183]	[146]	[128]	[150]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L					[61.3]	
1,4-DICHLOROBENZENE	3(S)	µg/L			[102]	[72.7]		[74]
ACETONE	50(S)	µg/L			[443]	[427]	[428]	[310]
BENZENE	1(S)	µg/L	[3.1]	[1.7]	[90.7]	[119]	[142]	[72]
CHLOROBENZENE	5(S)	µg/L			[376]	[354]	[323]	[280]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						[5]
TOLUENE	5(S)	µg/L			[27.9]	[28.6]	[31.3]	[21]
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						[11]
XYLENES, TOTAL	5(S)	µg/L			[21.2]	[16.5]	[16.3]	[NA]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0170-01 SB915-MW-92S 03/16/2015 Regular sample	SB915-0349-06 SB915-MW-93BR 08/25/2016 Regular Sample	SCA-0049-03 SB915-MW-93D 05/14/2012 Regular sample	SCA-0054-06 SB915-MW-93D 07/13/2012 Regular sample	SCA-0063-02 SB915-MW-93D 12/03/2012 Regular sample	SCA-0084-04 SB915-MW-93D 6/5/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[100]	[17]	[11.9]	[10.7]	[12.3]	[11]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L					[18.3]	
1,4-DICHLOROBENZENE	3(S)	µg/L	[51]	[29]	[18.1]	[16.6]		[17]
ACETONE	50(S)	µg/L	[350]					
BENZENE	1(S)	µg/L	[95]					
CHLOROBENZENE	5(S)	µg/L	[280]	[34]	[23.7]	[23.9]	[23.2]	[21]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L	[25]					
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L	[12J]					

NOTES:
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0171-02 SB915-MW-93D 03/17/2015 Regular sample	SCA-0049-02 SB915-MW-93I 05/14/2012 Regular sample	SCA-0054-04 SB915-MW-93I 07/13/2012 Regular sample	SCA-0063-04 SB915-MW-93I 12/03/2012 Regular sample	SCA-0084-02 SB915-MW-93I 6/5/2013 Regular sample	SCA-0171-05 SB915-MW-93I 03/17/2015 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[10J]	[10.5]	[9.9]	[10.7]	[9.2]	[6.2]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L				[16.6]		
1,4-DICHLOROBENZENE	3(S)	µg/L	[16J]	[16.2]	[16]		[14]	[10]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						
CHLOROBENZENE	5(S)	µg/L	[16J]	[19.9]	[20.4]	[19.9]	[14]	[13]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0049-01 SB915-MW-93S 05/14/2012 Regular sample	SCA-0054-03 SB915-MW-93S 07/13/2012 Regular sample	SCA-0063-03 SB915-MW-93S 12/03/2012 Regular sample	SCA-0084-01 SB915-MW-93S 6/5/2013 Regular sample	SCA-0171-06 SB915-MW-93S 03/17/2015 Regular sample	SCA-0048-05 SB915-MW-99S 05/11/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[7.4]	[6.8]	[7.7]	[6.1]	[4.5]	[11.5]
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L			[12.8]			
1,4-DICHLOROBENZENE	3(S)	µg/L	[11.9]	[11.8]		[10]	[7.9]	[55.2]
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L						[1.9]
CHLOROBENZENE	5(S)	µg/L	[7.9]	[8.0J]	[8.6]	[6.6]		[90.4]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0055-08 SB915-MW-99S 07/14/2012 Regular sample	SCA-0060-08 SB915-MW-99S 11/28/2012 Regular sample	SCA-0082-04 SB915-MW-99S 6/3/2013 Regular sample	SCA-0172-04 SB915-MW-99S 03/18/2015 Regular sample	SB915-0058-01 SB915-PZ-07D 06/01/2012 Regular sample	SB915-0118-03 SB915-PZ-07D 08/07/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[14.6]	[18]	[13]	[8.7]		
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L		[85.8]				
1,4-DICHLOROBENZENE	3(S)	µg/L	[76.4]		[65]	[48]		
ACETONE	50(S)	µg/L					[63]	
BENZENE	1(S)	µg/L	[2.3]	[3]	[1.4]	[1.5J]	[36]	[28]
CHLOROBENZENE	5(S)	µg/L	[133]	[126]	[80]	[77]	[54]	[21]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0207-04 SB915-PZ-07D 10/31/2014 Regular sample	SB915-0248-03 SB915-PZ-07D 05/01/2015 Regular sample	SB915-0343-02 SB915-PZ-07D 08/17/2016 Regular Sample	SB915-0391-06 SB915-PZ-07D 05/17/2017 Regular Sample	SB915-0058-02 SB915-PZ-07I 06/01/2012 Regular sample	SB915-0118-02 SB915-PZ-07I 08/07/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L						
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L	[57]	[110J]	[70J]	[60J]	[64J]	
BENZENE	1(S)	µg/L	[18]	[31]	[15]	[18]	[510]	[520]
CHLOROBENZENE	5(S)	µg/L		[7.9]		[7.8]	[13J]	[12]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L					[11J]	
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L					[43]	[42]
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0207-01 SB915-PZ-07I 10/31/2014 Regular sample	SB915-0248-01 SB915-PZ-07I 05/01/2015 Regular sample	SB915-0343-01 SB915-PZ-07I 08/17/2016 Regular Sample	SB915-0343-01 SB915-PZ-07I 08/17/2016 Regular Sample	SB915-0391-04 SB915-PZ-07I 05/17/2017 Regular Sample	SB915-0058-03 SB915-PZ-07S 06/01/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L						
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						[12]
1,2-DICHLOROETHANE	0.6(S)	µg/L			[2.8]			
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						[22]
ACETONE	50(S)	µg/L	[66]	[120J]		[77]		
BENZENE	1(S)	µg/L	[570]	[490]		[490J]	[370]	[1.7]
CHLOROBENZENE	5(S)	µg/L	[6.1]	[8.4J]	[25]	[8.1]	[10]	[27]
CIS-1,2-DICHLOROETHENE	5(G)	µg/L						
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L	[34]	[43]		[41]	[40]	
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0118-01 SB915-PZ-07S 08/07/2013 Regular sample	SB915-0248-02 SB915-PZ-07S 05/01/2015 Regular sample	SB915-0392-01 SB915-PZ-07S 05/18/2017 Regular Sample	SB915-0336-02 SB915-WB-01L 08/08/2016 Regular Sample	SCA-0047-03 SB915-WB-04L 05/10/2012 Regular sample	SCA-0056-05 SB915-WB-04L 07/17/2012 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L					[7.6]	[7.4]
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L	[15]	[13]	[6.0J]			
1,2-DICHLOROETHANE	0.6(S)	µg/L				[0.95J]	[9.8]	[9.4]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L	[26]	[21]	[9.9J]			
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[1.7]	[1.9]			[12.9]	[13.1]
CHLOROBENZENE	5(S)	µg/L	[32]	[25]	[13J]	[30J]	[6.4]	
CIS-1,2-DICHLOROETHENE	5(G)	µg/L					[19]	[17.2]
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0062-03 SB915-WB-04L 11/30/2012 Regular sample	SCA-0083-02 SB915-WB-04L 6/4/2013 Regular sample	SCA-0091-02 SB915-WB-04L 9/5/2013 Regular sample	SCA-0108-03 SB915-WB-04L 12/03/2013 Regular sample	SCA-0117-07 SB915-WB-04L 3/3/2014 Regular sample	SCA-0130-02 SB915-WB-04L 06/04/2014 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L	[7.2]	[7.4]	[6.7]	[7.2]	[5.4]	
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[10.2]	[8.4]	[8.6]	[8.1]	[6.5]	[5.2]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[13.6]	[11]	[12]	[14]	[10]	[9.1]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	[19.9]	[20]	[18]	[20]	[17]	[14]
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0141-05 SB915-WB-04L 09/08/2014 Regular sample	SCA-0157-01 SB915-WB-04L 12/15/2014 Regular sample	SCA-0169-03 SB915-WB-04L 03/13/2015 Regular sample	SCA-0180-04 SB915-WB-04L 06/02/2015 Regular sample	SCA-0187-03 SB915-WB-04L 08/19/2015 Regular sample	SCA-0199-01 SB915-WB-04L 11/24/2015 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L	[6.3]	[5.4]	[7.2]	[6.8]	[5.6]	[6.7]
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[8.1]	[7.2]	[9]	[8.9]	[6.8]	[7.6]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[11]	[11]	[15]	[13]	[11]	[14]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	[17]	[16]	[23]	[20]	[17]	[22]
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0207-03 SB915-WB-04L 03/10/2016 Regular Sample	SCA-0214-04 SB915-WB-04L 06/10/2016 Regular Sample	SCA-0219-08 SB915-WB-04L 09/01/2016 Regular Sample	SCA-0228-03 SB915-WB-04L 11/10/2016 Regular Sample	SCA-0233-09 SB915-WB-04L 03/01/2017 Regular Sample	SCA-0242-01 SB915-WB-04L 06/07/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L	[6.1]	[5.4]	[5.1]	[5.6]	[5.4]	[5]
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[8.1]	[6.5]	[6.8]	[6.1]	[6.6]	[5.1]
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L						
BENZENE	1(S)	µg/L	[13]	[10]	[9.6]	[11]	[10]	[11J]
CHLOROBENZENE	5(S)	µg/L						
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	[21]	[17]	[16]	[18J]	[16]	[17J]
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SCA-0247-01 SB915-WB-04L 08/11/2017 Regular Sample	SCA-0256-03 SB915-WB-04L 11/08/2017 Regular Sample	SB915-0046-01 SB915-WB-05U 05/01/2012 Regular sample	SB915-0043-03 SB915-WB-07L 04/26/2012 Regular sample	SB915-0040-01 SB915-WB-09U 04/23/2012 Regular sample	SB915-0135-02 SB915-WB-09U 09/09/2013 Regular sample
1,1-DICHLOROETHANE	5(S)	µg/L		[5.4]				
1,2,4-TRICHLOROBENZENE	5(S)	µg/L						
1,2-DICHLOROBENZENE	3(S)	µg/L						
1,2-DICHLOROETHANE	0.6(S)	µg/L	[5.5]	[6.2]				
1,3-DICHLOROBENZENE	3(S)	µg/L						
1,4-DICHLOROBENZENE	3(S)	µg/L						
ACETONE	50(S)	µg/L				[250J]		
BENZENE	1(S)	µg/L	[10J]	[8.8]	[1.2]		[14]	[12]
CHLOROBENZENE	5(S)	µg/L	[5.8]					
CIS-1,2-DICHLOROETHENE	5(G)	µg/L	[16J]	[14]				
METHYLENE CHLORIDE	5(S)	µg/L						
O-XYLENE	5(S)	µg/L						
TOLUENE	5(S)	µg/L						
VINYL CHLORIDE	2(S)	µg/L						
XYLENES, M & P	5(S)	µg/L						
XYLENES, TOTAL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-8
Honeywell
Wastebeds 9-15 Closure Investigation
Gorund Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0384-01 SB915-WB-09U 05/08/2017 Regular Sample	SB915-0041-03 SB915-WB-10U 04/24/2012 Regular sample	SB915-0263-06 SB915-WB-10U 05/22/2015 Regular sample	SB915-0342-10 SB915-WB-10U 08/16/2016 Regular Sample	SB915-0382-01 SB915-WB-10U 05/04/2017 Regular Sample
1,1-DICHLOROETHANE	5(S)	µg/L					
1,2,4-TRICHLOROBENZENE	5(S)	µg/L					
1,2-DICHLOROBENZENE	3(S)	µg/L					
1,2-DICHLOROETHANE	0.6(S)	µg/L					
1,3-DICHLOROBENZENE	3(S)	µg/L					
1,4-DICHLOROBENZENE	3(S)	µg/L					
ACETONE	50(S)	µg/L		[53]	[53]	[73J]	
BENZENE	1(S)	µg/L	[2.2]	[3.2]	[18]	[17]	[14]
CHLOROBENZENE	5(S)	µg/L					
CIS-1,2-DICHLOROETHENE	5(G)	µg/L					
METHYLENE CHLORIDE	5(S)	µg/L					
O-XYLENE	5(S)	µg/L					
TOLUENE	5(S)	µg/L					
VINYL CHLORIDE	2(S)	µg/L					
XYLENES, M & P	5(S)	µg/L					
XYLENES, TOTAL	5(S)	µg/L					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to th
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) t

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0383-04 SB915-IMW-01S 05/05/2017 Regular Sample	SB915-0383-05 SB915-IMW-03S 05/05/2017 Regular Sample	SB915-0381-04 SB915-IMW-05S 05/03/2017 Regular Sample	SB915-0381-05 SB915-IMW-06S 05/03/2017 Regular Sample	SB915-0398-03 SB915-MW-104I 05/30/2017 Regular Sample	SB915-0380-03 SB915-MW-106I 05/02/2017 Regular Sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L		[24]	[2.1J]	[2.0]		
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L	[0.044J]					[0.072J]
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[0.070J]					[0.13J]
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L	[0.089J]					[0.11J]
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L					[5.0]	
CHRYSENE	0.002 (G)	µg/L	[0.084J]					[0.12J]
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L	[0.071J]			[0.10J]		[0.12J]
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L		[140]	[42]	[8.9]		
PHORATE	NC	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0395-06 SB915-MW-107BR 05/23/2017 Regular Sample	SB915-0380-05 SB915-MW-107I 05/02/2017 Regular Sample	SB915-0385-02 SB915-MW-108D 05/09/2017 Regular Sample	SB915-0385-01 SB915-MW-108S 05/09/2017 Regular Sample	SB915-0386-01 SB915-MW-109S 05/10/2017 Regular Sample	SB915-0383-09 SB915-MW-111S 05/05/2017 Regular Sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L					[2.9]	
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L			[0.064J]	[0.068J]		
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[0.092J]		[0.083J]	[0.15J]		
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L			[0.087J]	[0.098J]		
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L		[20]				
CHRYSENE	0.002 (G)	µg/L			[0.076J]	[0.10J]		
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L			[0.059J]	[0.093J]		
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L					[12]	[1.4J]
PHORATE	NC	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0387-01 SB915-MW-112S 05/11/2017 Regular Sample	SB915-0387-04 SB915-MW-113S 05/11/2017 Regular Sample	SB915-0394-03 SB915-MW-36I 05/22/2017 Regular Sample	SB915-0389-05 SB915-MW-40S 05/15/2017 Regular Sample	SB915-0390-02 SB915-MW-42D 05/16/2017 Regular Sample	SB915-0389-03 SB915-MW-42I 05/15/2017 Regular Sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L			[1.4]			
2-METHYLPHENOL	1.0 (S)	µg/L						[5.4]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L					[0.097J]	
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L				[8.2]		
CHRYSENE	0.002 (G)	µg/L					[0.084J]	
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[9.9]	[5.0]	[1.3]	[1.6]		[22]
PHORATE	NC	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0390-01 / SB915-MW-42S / 05/16/2017 / Regular Sample	SB915-0391-05 / SB915-MW-53I / 05/17/2017 / Regular Sample	SB915-0395-01 / SB915-MW-87BR / 05/23/2017 / Regular Sample	SCA-0241-08 / SB915-MW-90I / 06/06/2017 / Regular Sample	SB915-0393-03 / SB915-MW-91BR / 05/19/2017 / Regular Sample	SCA-0237-06 / SB915-MW-92I / 05/31/2017 / Regular Sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L		[22]				
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L	[2.7]				[0.16J]	
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[4.9]				[0.23]	
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L	[5.4]				[0.22]	
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L			[13]	[10J]	[66]	
CHRYSENE	0.002 (G)	µg/L	[5.4]				[0.22]	
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L	[4.0]				[0.24]	
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[1.1]	[47]				[1.4]
PHORATE	NC	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0391-06 SB915-PZ-07D 05/17/2017 Regular Sample	SB915-0391-04 SB915-PZ-07I 05/17/2017 Regular Sample	SB915-0392-01 SB915-PZ-07S 05/18/2017 Regular Sample	SB915-0384-01 SB915-WB-09U 05/08/2017 Regular Sample	SB915-0382-01 SB915-WB-10U 05/04/2017 Regular Sample	SB915-0380-01 SB915-WB-15R/15S 05/02/2017 Regular Sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L	[1.4]		[9.4]			
2-METHYLPHENOL	1.0 (S)	µg/L	[14]					
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[74]	[3.0]		[7.6]	[2.2]	[250]
PHORATE	NC	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0342-04 SB915-IMW-03S 08/16/2016 Regular Sample	SB915-0257-04 SB915-IMW-03S 05/14/2015 Regular sample	SB915-0341-01 SB915-IMW-05S 08/15/2016 Regular Sample	SB915-0251-01 SB915-IMW-05S 05/06/2015 Regular sample	SB915-0341-03 SB915-IMW-06S 08/15/2016 Regular Sample	SB915-0251-02 SB915-IMW-06S 05/06/2015 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L	[34]	[30]	[1.7]	[1.5]	[6.0]	[3.5]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[330]	[230]	[45]	[35]	[38]	[14]
PHORATE	NC	µg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0250-06 / SB915-MW-01 / 05/05/2015 / Regular sample	SB915-0246-01 / SB915-MW-107BR / 04/29/2015 / Regular sample	SB915-0246-05 / SB915-MW-107D / 04/29/2015 / Regular sample	SB915-0246-02 / SB915-MW-107I / 04/29/2015 / Regular sample	SB915-0338-01 / SB915-MW-109S / 08/10/2016 / Regular Sample	SB915-0253-01 / SB915-MW-109S / 05/08/2015 / Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L					[3.6]	[2.9]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L	[0.082J]	[1.1]	[0.054J]			
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[0.088J]	[1.5]	[0.13J]	[0.029J]		
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L	[0.079J]	[1.6]	[0.094J]			
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L	[0.080J]	[1.4]	[0.083J]			
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L	[0.059J]	[1.4]	[0.058J]			
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L					[12]	[9.3]
PHORATE	NC	µg/L						

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0252-08 SB915-MW-112S 05/07/2015 Regular sample	SB915-0342-02 SB915-MW-113S 08/16/2016 Regular Sample	SB915-0259-01 SB915-MW-113S 05/18/2015 Regular sample	SB915-0334-04 SB915-MW-117S 08/03/2016 Regular Sample	SB915-0348-04 SB915-MW-36I 08/24/2016 Regular Sample	SB915-0249-03 SB915-MW-36I 05/04/2015 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L					[2.5]	[1.7]
2-METHYLPHENOL	1.0 (S)	µg/L					[1.4]	
2-NITROPHENOL	1.0 (S)	µg/L			[1.1]			
4-NITROPHENOL	1.0 (S)	µg/L			[1.0J]			
BENZO(A)ANTHRACENE	0.002 (G)	µg/L	[0.58]					
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[0.71]					
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L	[0.87]					
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L				[5.1]		
CHRYSENE	0.002 (G)	µg/L	[0.79]					
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L	[0.67]					
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L		[4.2]	[5.2]		[8.2]	
PHORATE	NC	µg/L						

NOTES:
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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0347-02 SB915-MW-42I 08/23/2016 Regular Sample	SB915-0257-02 SB915-MW-42I 05/14/2015 Regular sample	SB915-0346-01 SB915-MW-53I 08/22/2016 Regular Sample	SB915-0256-05 SB915-MW-53I 05/13/2015 Regular sample	SCA-0218-03 SB915-MW-89S 08/31/2016 Regular Sample	SB915-0262-05 SB915-MW-92BR 05/21/2015 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L	[4.5]	[9.8]	[19]	[27]		
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						[3.1]
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						[4.8]
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						[6.0]
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L					[6.4]	
CHRYSENE	0.002 (G)	µg/L						[5.6]
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						[4.4]
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[18]	[33]	[59]	[68]		
PHORATE	NC	µg/L						

NOTES:
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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0262-04 SB915-MW-93BR 05/21/2015 Regular sample µg/L	SB915-0343-02 SB915-PZ-07D 08/17/2016 Regular Sample µg/L	SB915-0343-02 SB915-PZ-07D 08/17/2016 Regular Sample µg/L	SB915-0248-03 SB915-PZ-07D 05/01/2015 Regular sample µg/L	SB915-0343-01 SB915-PZ-07I 08/17/2016 Regular Sample µg/L	SB915-0343-01 SB915-PZ-07I 08/17/2016 Regular Sample µg/L
2,4-DICHLOROPHENOL	1.0 (S)				[1.3]			
2-METHYLPHENOL	1.0 (S)				[27]	[12]		
2-NITROPHENOL	1.0 (S)							
4-NITROPHENOL	1.0 (S)							
BENZO(A)ANTHRACENE	0.002 (G)		[0.92]					
BENZO(B)FLUORANTHENE	0.002 (G)		[1.6]				[0.029J]	
BENZO(K)FLUORANTHENE	0.002 (G)		[1.9]					
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)							[6.4]
CHRYSENE	0.002 (G)		[1.9]					
INDENO(1,2,3-CD)PYRENE	0.002 (G)		[1.3]					
NITROBENZENE	0.4 (S)							
PENTACHLOROPHENOL	1.0 (S)							
PHENOL	1.0 (S)			[2.0]	[120]	[51]		[4.4]
PHORATE	NC							

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Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0248-01 SB915-PZ-07I 05/01/2015 Regular sample	SB915-0248-02 SB915-PZ-07S 05/01/2015 Regular sample	SB915-0254-01 SB915-WB-05U 05/11/2015 Regular sample	SB915-0259-02 SB915-WB-09L 05/18/2015 Regular sample	SB915-0342-10 SB915-WB-10U 08/16/2016 Regular Sample	SB915-0263-06 SB915-WB-10U 05/22/2015 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L		[11]				
2-METHYLPHENOL	1.0 (S)	µg/L					[2.6]	[1.9]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L				[0.18J]		
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L			[0.071J]	[0.36]		[0.063J]
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L			[0.056J]	[0.48]		
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L			[0.056J]	[0.42]		
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L				[0.24]		
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[3.7]				[6.8]	[4.4]
PHORATE	NC	µg/L						

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0042-01 SB915-IMW-01S 04/25/2012 Regular sample	SB915-0042-07 SB915-IMW-03S 04/25/2012 Regular sample	SB915-0042-03 SB915-IMW-05S 04/25/2012 Regular sample	SB915-0042-02 SB915-IMW-06S 04/25/2012 Regular sample	SB915-0050-01 SB915-MW-107S 05/17/2012 Regular sample	SB915-0044-04 SB915-MW-108BR 04/27/2012 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L		[15]	[1.2]	[3.4]		
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L	[0.023J]				[0.073J]	[0.020J]
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L	[0.024J]				[0.58]	
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L					[0.084J]	
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L	[0.022J]				[0.079J]	[0.029J]
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L					[0.42J]	
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L		[170]	[18]	[14]		
PHORATE	NC	µg/L						

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0047-06 SB915-MW-109I 05/02/2012 Regular sample	SB915-0049-01 SB915-MW-109S 05/04/2012 Regular sample	SB915-0049-02 SB915-MW-113S 05/04/2012 Regular sample	SB915-0057-02 SB915-MW-36I 05/31/2012 Regular sample	SB915-0041-05 SB915-MW-42D 04/24/2012 Regular sample	SB915-0041-04 SB915-MW-42I 04/24/2012 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L		[1.5]				[2.4]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[1.9]	[6.2]	[6.7]	[3.0]	[57E]	[10]
PHORATE	NC	µg/L						

NOTES:
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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0052-02 SB915-MW-43S 05/23/2012 Regular sample	SB915-0048-02 SB915-MW-53I 05/03/2012 Regular sample	SB915-0058-01 SB915-PZ-07D 06/01/2012 Regular sample	SB915-0058-02 SB915-PZ-07I 06/01/2012 Regular sample	SB915-0058-03 SB915-PZ-07S 06/01/2012 Regular sample	SB915-0064-01 SB915-WB-05L 07/25/2012 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L			[1.2]		[9.4]	
2-METHYLPHENOL	1.0 (S)	µg/L		[35]	[15]			
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L		[0.099J]				
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L		[0.065J]				
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L		[0.063J]				
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L		[0.075J]				
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L		[0.070J]				
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[3.7]	[110]	[77]	[4.5]		[23J]
PHORATE	NC	µg/L						

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0046-01 SB915-WB-05U 05/01/2012 Regular sample	SB915-0040-01 SB915-WB-09U 04/23/2012 Regular sample	SB915-0041-03 SB915-WB-10U 04/24/2012 Regular sample	SB915-0125-03 SB915-IMW-03S 08/16/2013 Regular sample	SB915-0222-04 SB915-IMW-03S 12/01/2014 Regular sample	SB915-0131-03 SB915-IMW-05S 08/26/2013 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L	[2.2]		[18]	[54]	[29]	[1.8J]
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L		[1.7]				
PHENOL	1.0 (S)	µg/L	[7.0]	[9.1]	[380E]	[230]		[29]
PHORATE	NC	µg/L					[210]	

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0131-02 SB915-IMW-06S 08/26/2013 Regular sample	SB915-0129-02 SB915-MW-109I 08/22/2013 Regular sample	SB915-0129-03 SB915-MW-109S 08/22/2013 Regular sample	SB915-0124-01 SB915-MW-112S 08/15/2013 Regular sample	SB915-0130-01 SB915-MW-113S 08/23/2013 Regular sample	SB915-0121-01 SB915-MW-36I 08/12/2013 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						[3.3J]
2-METHYLPHENOL	1.0 (S)	µg/L	[4.1J]	[2.5J]	[2.7J]			
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L				[1.6J]		
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[12]	[1.9J]	[5.8J]		[2.5J]	[2.4J]
PHORATE	NC	µg/L						

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0136-01 SB915-MW-42D 09/10/2013 Regular sample	SB915-0137-02 SB915-MW-42I 09/11/2013 Regular sample	SB915-0132-01 SB915-MW-53I 08/27/2013 Regular sample	SB915-0118-03 SB915-PZ-07D 08/07/2013 Regular sample	SB915-0118-02 SB915-PZ-07I 08/07/2013 Regular sample	SB915-0118-01 SB915-PZ-07S 08/07/2013 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L				[1.8J]		[17J]
2-METHYLPHENOL	1.0 (S)	µg/L		[6.7J]	[42]	[15]		
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[25]	[18]	[68]	[41]	[2.6J]	
PHORATE	NC	µg/L						

NOTES:
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NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0126-02 SB915-WB-05U 08/19/2013 Regular sample	SB915-0135-02 SB915-WB-09U 09/09/2013 Regular sample	SB915-0221-03 SB915-IMW-06S 11/21/2014 Regular sample	SB915-0221-02 SB915-IMW-05S 11/21/2014 Regular sample	SB915-0209-01 SB915-MW-03 11/04/2014 Regular sample	SB915-0219-04 SB915-MW-108BR 11/18/2014 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L						
2-METHYLPHENOL	1.0 (S)	µg/L	[3.2J]		[5.2]	[2.0]	[1.1]	
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L						[0.053J]
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						[0.056J]
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						[0.080J]
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L						[0.070J]
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						[0.079J]
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L	[6.3J]	[20]				
PHORATE	NC	µg/L			[41]	[52]	[7.9J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0216-02 SB915-MW-109S 11/13/2014 Regular sample	SB915-0224-06 SB915-MW-113S 12/03/2014 Regular sample	SB915-0205-02 SB915-MW-116S 10/29/2014 Regular sample	SB915-0214-02 SB915-MW-36I 11/11/2014 Regular sample	SB915-0215-01 SB915-MW-42D 11/12/2014 Regular sample	SCA-0162-02 SB915-MW-92I 12/18/2014 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L				[2.5]		
2-METHYLPHENOL	1.0 (S)	µg/L	[4.0]			[1.3]		
2-NITROPHENOL	1.0 (S)	µg/L						
4-NITROPHENOL	1.0 (S)	µg/L						
BENZO(A)ANTHRACENE	0.002 (G)	µg/L			[0.027J]			
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L						
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L						
CHRYSENE	0.002 (G)	µg/L			[0.030J]			
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L						
NITROBENZENE	0.4 (S)	µg/L						
PENTACHLOROPHENOL	1.0 (S)	µg/L						
PHENOL	1.0 (S)	µg/L						
PHORATE	NC	µg/L	[8.3]	[3.8]		[6.2]	[1.3]	[1.1]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-9
Honeywell
Wastebeds 9-15 Closure Investigation
2nd Quarter 2017 Groundwater Exceedance Summary
8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0207-04 SB915-PZ-07D 10/31/2014 Regular sample	SB915-0207-01 SB915-PZ-07I 10/31/2014 Regular sample
2,4-DICHLOROPHENOL	1.0 (S)	µg/L	[1.2]	
2-METHYLPHENOL	1.0 (S)	µg/L	[22]	[1.1]
2-NITROPHENOL	1.0 (S)	µg/L		
4-NITROPHENOL	1.0 (S)	µg/L		
BENZO(A)ANTHRACENE	0.002 (G)	µg/L		
BENZO(B)FLUORANTHENE	0.002 (G)	µg/L		
BENZO(K)FLUORANTHENE	0.002 (G)	µg/L		
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 (S)	µg/L		
CHRYSENE	0.002 (G)	µg/L		
INDENO(1,2,3-CD)PYRENE	0.002 (G)	µg/L		
NITROBENZENE	0.4 (S)	µg/L		
PENTACHLOROPHENOL	1.0 (S)	µg/L		
PHENOL	1.0 (S)	µg/L		
PHORATE	NC	µg/L	[140]	[4.9]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-10
Honeywell
Wastebeds 9 through 15 Closure Investigation
Groundwater Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0114-04 SB915-MW-118BR 08/01/2013 Regular sample	SB915-0045-04 SB915-MW-111S 04/30/2012 Regular sample
Total PCBs	90(S)	ng/L	[186.1961]	436.9787

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class GA standard (S) for guidance value (G); NC = no applicable criteria.

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0109-04	SB915-0125-01	SB915-0140-01	SB915-0156-01	SB915-0174-01	SB915-0188-07
		Location	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S
		Sample Date	5/20/2013	08/16/2013	10/30/2013	2/7/2014	05/14/2014	08/13/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L				[0.031J]		
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.45]	[1.81]	[1.89]	[1.6J]		
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L		[0.0608]				
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.47]	[8.07]	[4.95]	[6.9]	[5.3]	[3.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[64.4]	[72.4]	[67.1]	[70]	[63]	[64]
MANGANESE	0.3(S)	mg/L	[3.13]	[3.67]	[3.52]	[3.6]	[3.4]	[3.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1970]	[2010]	[2120J]	[2000]	[1900]	[1900]
THALLIUM	0.0005(G)	mg/L				[0.034J]	[0.022J]	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0222-02	SB915-0228-05	SB915-0251-05	SB915-0266-03	SB915-0283-05	SB915-0341-02
			Location	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S
			Sample Date	12/01/2014	02/11/2015	05/06/2015	07/23/2015	10/21/2015	08/15/2016
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.037J]					
BARIUM	1(S)	mg/L		[2.9]	[2]			[1.9J]	[1.5J]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[15]	[3.7]	[0.61J]	[2.8]	[6.4]	[7.6]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[100]	[110]	[200]	[80]	[81]	[61]
MANGANESE	0.3(S)	mg/L		[6]	[5.6J]		[4.5]	[5.8]	[4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L					[0.021J]		
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[2700]	[2600]	[1000]	[2100]	[2000]	[1700]
THALLIUM	0.0005(G)	mg/L				[0.017J]			

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0358-04	SB915-0321-03		SB915-0412-10	SB915-0402-02	SB915-0383-04
			Location	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S	SB915-IMW-01S
			Sample Date	10/20/2016	05/19/2016	02/17/2016	10/16/2017	07/28/2017	05/05/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.048J]					
BARIUM	1(S)	mg/L		[2.8]	[1.5J]	[1.8J]	[2.2]	[1.7J]	[1.3J]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[8.4]	[5.1]	[8.7]	[11]	[4.2]	[3.8]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[130]	[66]	[74]	[100]	[85]	[62]
MANGANESE	0.3(S)	mg/L		[6.7]	[3.7]	[4.3]	[5.1J]	[4.3]	[2.9]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.041J]			[0.041J]		
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[3100]	[1800]	[1900]	[2400]	[2000]	[1700]
THALLIUM	0.0005(G)	mg/L							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0371-03 / SB915-IMW-01S / 02/16/2017 / Regular Sample	SB915-0042-01 / SB915-IMW-01S / 04/25/2012 / Regular sample	SB915-0060-02 / SB915-IMW-01S / 07/20/2012 / Regular sample	SB915-0080-07 / SB915-IMW-01S / 11/14/2012 / Regular sample	SB915-0109-06 / SB915-IMW-02S / 5/20/2013 / Regular sample	SB915-0125-02 / SB915-IMW-02S / 08/16/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.3J]	[1.2]	[1.3J]		[3.89]	[4.16]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						[0.262]
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.1]	[5.3]	[2.7]	[3.1]	[9.66]	[8.72]
LEAD	0.025(S)	mg/L					[0.0267]	
MAGNESIUM	35(G)	mg/L	[71]	[92J]	[86]	[52]	[63.8]	[67.8]
MANGANESE	0.3(S)	mg/L	[3.5]	[4.1]	[3.2]	[2.2]	[14.1]	[13.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1800]	[2100]	[2000]	[1900]	[4980]	[4660]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0140-09 / SB915-IMW-02S / 10/30/2013 / Regular sample	SB915-0168-01 / SB915-IMW-02S / 2/25/2014 / Regular sample	SB915-0182-01 / SB915-IMW-02S / 05/27/2014 / Regular sample	SB915-0199-01 / SB915-IMW-02S / 08/28/2014 / Regular sample	SB915-0222-03 / SB915-IMW-02S / 12/01/2014 / Regular sample	SB915-0235-01 / SB915-IMW-02S / 02/20/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.072J]	[0.059J]			
ARSENIC	0.025(S)	mg/L					[0.03J]	[0.037J]
BARIUM	1(S)	mg/L	[4.51]	[3.9]	[4.4]	[4]	[5.1]	[3.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[16.2]	[12]	[12]	[8]	[9.3]	[15]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[86.8]	[78]	[82]	[64]	[100]	[91]
MANGANESE	0.3(S)	mg/L	[15]	[13]	[14]	[12]	[15]	[13]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.048J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5060J]	[4700]	[5400]	[4800]	[5800]	[4500]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0255-03	SB915-0266-04	SB915-0284-05	SB915-0341-04	SB915-0358-03	SB915-0322-01
			Location	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S
			Sample Date	05/12/2015	07/23/2015	10/22/2015	08/15/2016	10/20/2016	05/20/2016
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.037J]					
BARIUM	1(S)	mg/L			[3.6]	[3.3]	[3.2]	[3.6]	[3.5]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[0.44J]	[7.6]	[12]		[6.5]	[12]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[130]	[68]	[77]	[67]	[73]	[78]
MANGANESE	0.3(S)	mg/L		[0.4]	[12]	[12]	[12]	[12]	[12]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.028J]		[0.053J]	[0.074J]	[0.066J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[770]	[4500]	[3800]	[4200]	[4600]	[4300]
THALLIUM	0.0005(G)	mg/L		[0.016J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0302-08	SB915-0412-01	SB915-0401-11	SB915-0382-04	SB915-0373-03	SB915-0043-01
			Location	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S	SB915-IMW-02S
			Sample Date	02/17/2016	10/16/2017	07/27/2017	05/04/2017	02/20/2017	04/26/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.035J]					
ARSENIC	0.025(S)	mg/L				[0.047J]			
BARIUM	1(S)	mg/L		[3.3]	[4]	[2.8]	[2.5]	[2.2]	[3.6]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							[0.24]
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[6.3]	[6.8]	[6]	[4]	[2.7]	[4.1B]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[69]	[93]	[61]	[55]	[49J]	[60J]
MANGANESE	0.3(S)	mg/L		[12]	[17J]	[11]	[9.8]	[9.3]	[13]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.065J]	[0.057J]		[0.058J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[4000]	[5300]	[3700]	[3300]	[3000]	[4900B]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0060-09 / SB915-IMW-02S / 07/20/2012 / Regular sample	SB915-0077-04 / SB915-IMW-02S / 11/09/2012 / Regular sample	SB915-0109-05 / SB915-IMW-03S / 5/20/2013 / Regular sample	SB915-0125-03 / SB915-IMW-03S / 08/16/2013 / Regular sample	SB915-0140-08 / SB915-IMW-03S / 10/30/2013 / Regular sample	SB915-0161-01 / SB915-IMW-03S / 2/14/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.043J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[3.6]		[5.19]	[6.14]	[6.19]	[6.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5.3]	[6.2]	[194]	[216]	[244]	[210]
LEAD	0.025(S)	mg/L			[0.0307]			
MAGNESIUM	35(G)	mg/L	[63]	[70]	[111]	[128]	[170]	[140]
MANGANESE	0.3(S)	mg/L	[13]	[14]	[18.2]	[18.1]	[20.2]	[20]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[4600]	[5400]	[5730]	[6430]	[5640J]	[5800]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0181-04	SB915-0199-03	SB915-0222-04	SB915-0235-02	SB915-0257-04	SB915-0266-05
			Location	SB915-IMW-03S	SB915-IMW-03S	SB915-IMW-03S	SB915-IMW-03S	SB915-IMW-03S	SB915-IMW-03S
			Sample Date	05/23/2014	08/28/2014	12/01/2014	02/20/2015	05/14/2015	07/23/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.067J]					
ARSENIC	0.025(S)	mg/L					[0.051J]		
BARIUM	1(S)	mg/L		[5.6]	[5.7]	[5.6]	[4.9]		[5]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[220]	[220]	[210]	[190]	[3.9]	[190]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[120]	[140]	[120]	[110]	[44J]	[100]
MANGANESE	0.3(S)	mg/L		[17]	[15]	[17]	[20]	[0.64]	[13]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L				[0.03J]			[0.036J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[5700]	[5300]	[5400]	[4700]	[340]	[4900]
THALLIUM	0.0005(G)	mg/L		[0.043J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0284-01 / SB915-IMW-03S / 10/22/2015 / Regular sample	SB915-0342-04 / SB915-IMW-03S / 08/16/2016 / Regular Sample	SB915-0358-01 / SB915-IMW-03S / 10/20/2016 / Regular Sample	SB915-0321-07 / SB915-IMW-03S / 05/19/2016 / Regular Sample	SB915-0302-07 / SB915-IMW-03S / 02/17/2016 / Regular Sample	SB915-0412-04 / SB915-IMW-03S / 10/16/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L	[0.036J]					
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[4.8]	[5.8]	[5.6]	[5.1]	[4.2]	[4.9]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L	[0.0058J]					
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[180]	[250]	[240]	[200]	[140]	[210]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[95]	[140]	[140]	[100]	[73]	[120]
MANGANESE	0.3(S)	mg/L	[15]	[19]	[15]	[18]	[14]	[20J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.036J]	[0.098J]		[0.048J]		[0.065J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[4500]	[5500]	[5300]	[4900]	[4300]	[4600]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0401-07 / SB915-IMW-03S / 07/27/2017 / Regular Sample	SB915-0383-05 / SB915-IMW-03S / 05/05/2017 / Regular Sample	SB915-0372-05 / SB915-IMW-03S / 02/17/2017 / Regular Sample	SB915-0042-07 / SB915-IMW-03S / 04/25/2012 / Regular sample	SB915-0060-07 / SB915-IMW-03S / 07/20/2012 / Regular sample	SB915-0077-05 / SB915-IMW-03S / 11/09/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.045J]					
BARIUM	1(S)	mg/L	[5.3]	[4.8]	[4.7]	[4.3]	[6.8]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L					[0.0062J]	
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L					[0.27]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[230]	[170]	[170]	[140]	[260]	[290]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[130]	[89]	[91]	[74J]	[170]	[170]
MANGANESE	0.3(S)	mg/L	[17]	[14]	[16]	[12]	[18]	[16]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.047J]					
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5300]	[4800]	[4800]	[5000]	[6300]	[7700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0109-07 / SB915-IMW-04S / 5/20/2013 / Regular sample	SB915-0135-03 / SB915-IMW-04S / 09/09/2013 / Regular sample	SB915-0140-07 / SB915-IMW-04S / 10/30/2013 / Regular sample	SB915-0158-04 / SB915-IMW-04S / 2/11/2014 / Regular sample	SB915-0181-01 / SB915-IMW-04S / 05/23/2014 / Regular sample	SB915-0187-03 / SB915-IMW-04S / 08/12/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L					[0.034J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.78]	[3.31]	[5.92]	[7.6]	[10]	[6.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[2.2]	[1.91]	[2.6]	[2.9]	[2.5]	[2.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[344]	[304]	[311J]	[540]	[370]	[310]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0221-04 / SB915-IMW-04S / 11/21/2014 / Regular sample	SB915-0228-02 / SB915-IMW-04S / 02/11/2015 / Regular sample	SB915-0263-04 / SB915-IMW-04S / 05/22/2015 / Regular sample	SB915-0265-12 / SB915-IMW-04S / 07/22/2015 / Regular sample	SB915-0283-03 / SB915-IMW-04S / 10/21/2015 / Regular sample	SB915-0341-05 / SB915-IMW-04S / 08/15/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.031J]			[0.046J+]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[14]	[11]		[8.4]	[11]	[15]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[8.6]	[6.2J]		[2.8]	[5.8]	[6.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[540]	[430]	[280]	[280]	[350]	[390]
THALLIUM	0.0005(G)	mg/L				[0.016J]		

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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0360-02	SB915-0322-02	SB915-0299-07	SB915-0412-07	SB915-0402-06	SB915-0382-03
		Location	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S
		Sample Date	10/24/2016	05/20/2016	02/12/2016	10/16/2017	07/28/2017	05/04/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.037J]			
BARIUM	1(S)	mg/L	[1J]					
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[41]	[7.1]	[11]	[13]	[6.9]	[8.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[39J]					
MANGANESE	0.3(S)	mg/L	[13J]	[2.8]	[4.8]	[5J]	[2.6]	[2.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1000]	[240]	[400]	[310]	[260]	[280]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0369-04	SB915-0042-04	SB915-0060-08	SB915-0077-06	SB915-0109-01	SB915-0131-03
		Location	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-04S	SB915-IMW-05S	SB915-IMW-05S
		Sample Date	02/15/2017	04/25/2012	07/20/2012	11/09/2012	5/20/2013	08/26/2013
		Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.027J]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[15]	[6.6]	[5.8]	[11]		
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[5.8]	[2.5]	[2]	[7.4]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[560J]	[620]	[610]	[760]	[1600]	[1450]
THALLIUM	0.0005(G)	mg/L					[0.0042J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0140-06	SB915-0161-02	SB915-0177-04	SB915-0188-09	SB915-0221-02	SB915-0228-03
			Location	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S
			Sample Date	10/30/2013	2/14/2014	05/19/2014	08/13/2014	11/21/2014	02/11/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L			[0.026J]				
ARSENIC	0.025(S)	mg/L					[0.038J+]		[0.03J]
BARIUM	1(S)	mg/L						[1J]	
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[0.366J]					
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L							
MANGANESE	0.3(S)	mg/L							
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[1640J]	[1800]	[1600]	[1500]	[1700]	[1400]
THALLIUM	0.0005(G)	mg/L			[0.027J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0251-01	SB915-0266-06	SB915-0283-07	SB915-0341-01	SB915-0356-07	SB915-0322-03
		Location	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S
		Sample Date	05/06/2015	07/23/2015	10/21/2015	08/15/2016	10/18/2016	05/20/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[61]					
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[360]	[1200]	[1400]	[1300]	[1300]	[1300]
THALLIUM	0.0005(G)	mg/L					[0.03J]	

NOTES:

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0299-06	SB915-0412-06	SB915-0402-03	SB915-0381-04	SB915-0369-12	SB915-0042-03
			Location	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S	SB915-IMW-05S
			Sample Date	02/12/2016	10/16/2017	07/28/2017	05/03/2017	02/15/2017	04/25/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.043J]					
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L							
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L							
MANGANESE	0.3(S)	mg/L							
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.033J]					
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[1400]	[1200]	[950]	[1600]	[1300J]	[1600]
THALLIUM	0.0005(G)	mg/L							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0060-06 / SB915-IMW-05S / 07/20/2012 / Regular sample	SB915-0078-07 / SB915-IMW-05S / 11/12/2012 / Regular sample	SB915-0109-02 / SB915-IMW-06S / 5/20/2013 / Regular sample	SB915-0131-02 / SB915-IMW-06S / 08/26/2013 / Regular sample	SB915-0140-05 / SB915-IMW-06S / 10/30/2013 / Regular sample	SB915-0161-03 / SB915-IMW-06S / 2/14/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.027J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1.09]	[1.36]	[1.43]	[1.1J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1700]	[1800]	[1350]	[1530]	[1580J]	[1300]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0177-03 / SB915-IMW-06S / 05/19/2014 / Regular sample	SB915-0188-08 / SB915-IMW-06S / 08/13/2014 / Regular sample	SB915-0221-03 / SB915-IMW-06S / 11/21/2014 / Regular sample	SB915-0228-04 / SB915-IMW-06S / 02/11/2015 / Regular sample	SB915-0251-02 / SB915-IMW-06S / 05/06/2015 / Regular sample	SB915-0266-09 / SB915-IMW-06S / 07/23/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1.3J]			
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[990]	[1200]	[1500]	[1800]	[47J]	[1200]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0283-06 / SB915-IMW-06S / 10/21/2015 / Regular sample	SB915-0341-03 / SB915-IMW-06S / 08/15/2016 / Regular Sample	SB915-0356-08 / SB915-IMW-06S / 10/18/2016 / Regular Sample	SB915-0321-04 / SB915-IMW-06S / 05/19/2016 / Regular Sample	SB915-0299-05 / SB915-IMW-06S / 02/12/2016 / Regular Sample	SB915-0412-08 / SB915-IMW-06S / 10/16/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.3J]	[1.5J]	[1.4J]			[1.1J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.047J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1400]	[1600]	[1500]	[940]	[1100]	[1300]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0402-01 / SB915-IMW-06S / 07/28/2017 / Regular Sample / mg/L	SB915-0381-05 / SB915-IMW-06S / 05/03/2017 / Regular Sample / mg/L	SB915-0370-04 / SB915-IMW-06S / 02/15/2017 / Regular Sample / mg/L	SB915-0042-02 / SB915-IMW-06S / 04/25/2012 / Regular sample / mg/L	SB915-0060-05 / SB915-IMW-06S / 07/20/2012 / Regular sample / mg/L	SB915-0078-06 / SB915-IMW-06S / 11/12/2012 / Regular sample / mg/L
ANTIMONY	0.003(G)							
ARSENIC	0.025(S)							
BARIUM	1(S)						[1.4J]	
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)							
LEAD	0.025(S)							
MAGNESIUM	35(G)							
MANGANESE	0.3(S)						[0.42]	
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)		[0.05J]		[0.052J]			
SILVER	0.05(S)							
SODIUM	20(S)		[990]	[550]	[800J]	[1000]	[1400]	[1300]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0103-03 / SB915-MW-01 / 5/10/2013 / Regular sample	SB915-0158-05 / SB915-MW-01 / 2/11/2014 / Regular sample	SB915-0173-09 / SB915-MW-01 / 05/13/2014 / Regular sample	SB915-0194-03 / SB915-MW-01 / 08/21/2014 / Regular sample	SB915-0212-02 / SB915-MW-01 / 11/07/2014 / Regular sample	SB915-0250-06 / SB915-MW-01 / 05/05/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						[0.045J]
BARIUM	1(S)	mg/L						[2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.463]					[16]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[44J]		[36J]		[250]
MANGANESE	0.3(S)	mg/L	[0.884]					[1.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[33.2]	[67]	[76]	[91]	[95J]	[1600]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0287-02 / SB915-MW-01 / 10/27/2015 / Regular sample	SB915-0352-06 / SB915-MW-01 / 10/11/2016 / Regular Sample	SB915-0316-02 / SB915-MW-01 / 05/10/2016 / Regular Sample	SB915-0297-01 / SB915-MW-01 / 02/10/2016 / Regular Sample	SB915-0367-01 / SB915-MW-01 / 02/13/2017 / Regular Sample	SB915-0055-03 / SB915-MW-01 / 05/29/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.36J]		[0.33J]			[5.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[35J]	[41J]			[41J]	
MANGANESE	0.3(S)	mg/L			[0.72]	[0.62]	[0.78]	[12]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[100]	[140]	[110]	[120]	[140]	[32]
THALLIUM	0.0005(G)	mg/L			[0.017J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0084-03 / SB915-MW-01 / 11/20/2012 / Regular sample	SB915-0103-02 / SB915-MW-03 / 5/10/2013 / Regular sample	SB915-0117-01 / SB915-MW-03 / 08/06/2013 / Regular sample	SB915-0138-08 / SB915-MW-03 / 10/28/2013 / Regular sample	SB915-0168-04 / SB915-MW-03 / 2/25/2014 / Regular sample	SB915-0172-03 / SB915-MW-03 / 05/12/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.015J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[8.06]	[8.37]	[39.8]	[7.7]	[8.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[44.9]	[47.4]	[315]	[41J]	[41J]
MANGANESE	0.3(S)	mg/L	[0.33]	[1.2]	[1.23]	[20]	[1]	[1.2J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L		[1720]	[1770]	[3900]	[1700]	[1900]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0189-02	SB915-0209-01	SB915-0236-02	SB915-0250-03	SB915-0270-06	SB915-0293-05
		Location	SB915-MW-03	SB915-MW-03	SB915-MW-03	SB915-MW-03	SB915-MW-03	SB915-MW-03
		Sample Date	08/14/2014	11/04/2014	02/23/2015	05/05/2015	07/29/2015	11/05/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.039J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.7]	[8]	[6.8]	[7.3]	[6.7]	[7.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[45]			[42J]		[45J]
MANGANESE	0.3(S)	mg/L	[0.83]	[0.89]	[0.88]	[0.86]	[0.82]	[0.84]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1600]	[1700J]	[1600]	[1600J]	[1500]	[1600]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0333-06 / SB915-MW-03 / 08/02/2016 / Regular Sample	SB915-0352-05 / SB915-MW-03 / 10/11/2016 / Regular Sample	SB915-0315-06 / SB915-MW-03 / 05/09/2016 / Regular Sample	SB915-0300-01 / SB915-MW-03 / 02/15/2016 / Regular Sample	SB915-0409-03 / SB915-MW-03 / 10/11/2017 / Regular Sample	SB915-0367-10 / SB915-MW-03 / 02/13/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.9]	[7.3]	[7.1]	[6.8]	[7.5]	[7.6J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[40J]	[44J]	[37]		[46J]	[43J]
MANGANESE	0.3(S)	mg/L	[0.83]	[0.82]	[0.82J]	[0.81]	[0.88]	[0.98]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.011]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1400]	[1500]	[1600]	[1500]	[1600J]	[1700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0056-01 / SB915-MW-03 / 05/30/2012 / Regular sample	SB915-0066-01 / SB915-MW-03 / 07/27/2012 / Regular sample	sb915-0074-04 / SB915-MW-03 / 11/06/2012 / Regular sample	SB915-0101-06 / SB915-MW-04 / 5/8/2013 / Regular sample	SB915-0116-01 / SB915-MW-04 / 08/05/2013 / Regular sample	SB915-0138-06 / SB915-MW-04 / 10/28/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.1]	[8.4J]	[7.9]	[30.9]	[28.3]	[39.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[47]	[49J]		[348]	[365]	[314]
MANGANESE	0.3(S)	mg/L	[1.2]	[1.1]	[0.94]	[18.9]	[22.9]	[20]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.0208J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1900]	[1700]	[1700]	[3690]	[4060]	[3970]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0153-05	SB915-0170-04	SB915-0185-04	SB915-0209-03	SB915-0229-01	SB915-0250-02
		Location	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04
		Sample Date	2/4/2014	05/08/2014	08/06/2014	11/04/2014	02/12/2015	05/05/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L	[0.028J]		[0.042J]			
ARSENIC	0.025(S)	mg/L		[0.031J]				
BARIUM	1(S)	mg/L	[1]					
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[35]	[54]	[33]	[20]	[30]	[47]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[240]	[250]	[290]	[360]	[310]	[230]
MANGANESE	0.3(S)	mg/L	[18]	[20J]	[18]	[19]	[20J]	[19]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3600]	[3800]	[3800]	[4200J]	[4000]	[3700J]
THALLIUM	0.0005(G)	mg/L			[0.021J]			

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0271-02	SB915-0286-06	SB915-0333-04	SB915-0352-01	SB915-0316-10	SB915-0297-11
		Location	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04	SB915-MW-04
		Sample Date	07/30/2015	10/26/2015	08/02/2016	10/11/2016	05/10/2016	02/10/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.043J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23]	[22]	[5.6]	[27]	[40]	[35]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[350]	[350]	[310]	[330]	[210]	[240]
MANGANESE	0.3(S)	mg/L	[17]	[17]	[21]	[20]	[17]	[17]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.036J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3600]	[3900]	[3700]	[4000]	[3300]	[3600]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0410-06 / SB915-MW-04 / 10/12/2017 / Regular Sample / mg/L	SB915-0367-12 / SB915-MW-04 / 02/13/2017 / Regular Sample / mg/L	SB915-0056-02 / SB915-MW-04 / 05/30/2012 / Regular sample / mg/L	SB915-0065-07 / SB915-MW-04 / 07/26/2012 / Regular sample / mg/L	SB915-0071-04 / SB915-MW-04 / 11/01/2012 / Regular sample / mg/L	SCA-0082-05 / SB915-MW-100S / 6/3/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)				[0.0032J]			
ARSENIC	0.025(S)							
BARIUM	1(S)			[1.4J]	[1.1]			[2.06]
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[28]	[34J]	[16]	[33]	[33]	[0.354J]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[340]	[240]	[250]	[360]	[380]	[210]
MANGANESE	0.3(S)		[18]	[23]	[21]	[19]	[18J]	
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)		[0.036J]	[0.088J]				
SILVER	0.05(S)							
SODIUM	20(S)		[4000J]	[4400]	[3900]	[3900]	[3900J]	[1370]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0172-03	SCA-0048-06	SCA-0055-09	SCA-0060-09	SCA-0082-06	SCA-0172-02
		Location	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	SB915-MW-100S	SB915-MW-101S	SB915-MW-101S
		Sample Date	03/18/2015	05/11/2012	07/14/2012	11/28/2012	6/3/2013	03/18/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L		[2.1]	[1.97]	[1.94J]	[1.01]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.45J]	[0.722J]	[0.63]	[0.636]	[0.395J]	[0.49J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[190]	[188]	[183]	[206J]	[127]	[100]
MANGANESE	0.3(S)	mg/L					[0.523]	[0.36]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.0177J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1000]	[882]	[777]	[1110]	[965]	[740]
THALLIUM	0.0005(G)	mg/L			[0.0017J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0047-05	SCA-0054-01	SCA-0064-01	SCA-0085-01	SCA-0172-01	SCA-0049-05
		Location	SB915-MW-101S	SB915-MW-101S	SB915-MW-101S	SB915-MW-102S	SB915-MW-102S	SB915-MW-102S
		Sample Date	05/10/2012	07/13/2012	12/04/2012	6/6/2013	03/18/2015	05/14/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.24]	[1.36]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.841J]	[0.735]	[0.648]	[4.1J]	[3]	[3.95]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[124]	[109]	[106]	[40.8J]		[36.9J]
MANGANESE	0.3(S)	mg/L	[0.657]	[0.559]	[0.475]	[0.691J]	[0.56]	[0.686J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[685]	[767]	[376]	[384]	[350]	[356]
THALLIUM	0.0005(G)	mg/L		[0.0039J]		[0.0174J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0054-02 / SB915-MW-102S / 07/13/2012 / Regular sample	SCA-0064-02 / SB915-MW-102S / 12/04/2012 / Regular sample	SCA-0086-04 / SB915-MW-103S / 6/7/2013 / Regular sample	SCA-0173-04 / SB915-MW-103S / 03/19/2015 / Regular sample	SCA-0051-04 / SB915-MW-103S / 05/16/2012 / Regular sample	SCA-0057-08 / SB915-MW-103S / 07/18/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[4.21]	[3.78]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[37.9]	[35.5]				
MANGANESE	0.3(S)	mg/L	[0.712]	[0.605]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[436]	[365]	[380]	[330]	[214]	[191]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0066-03	SB915-0105-02	SB915-0119-03	SB915-0151-01	SB915-0165-04	SB915-0175-02
		Location	SB915-MW-103S	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I
		Sample Date	12/06/2012	5/14/2013	08/08/2013	11/19/2013	2/20/2014	05/15/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L					[0.013J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.821]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[36.5]	[37.2]	[45.3]		
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[152]	[59.9]	[59]	[53.1]	[72]	[74]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0195-03 / SB915-MW-104I / 08/22/2014 / Regular sample	SB915-0212-01 / SB915-MW-104I / 11/07/2014 / Regular sample	SB915-0236-01 / SB915-MW-104I / 02/23/2015 / Regular sample	SB915-0260-02 / SB915-MW-104I / 05/19/2015 / Regular sample	SB915-0277-04 / SB915-MW-104I / 08/07/2015 / Regular sample	SB915-0294-01 / SB915-MW-104I / 11/06/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[0.33J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[38J]			[35J]		[41J]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.019J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[68J]	[69J]	[88]	[78]	[74]	[53]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0361-02 / SB915-MW-104I / 10/25/2016 / Regular Sample	SB915-0319-02 / SB915-MW-104I / 05/13/2016 / Regular Sample	SB915-0301-01 / SB915-MW-104I / 02/16/2016 / Regular Sample	SB915-0409-09 / SB915-MW-104I / 10/11/2017 / Regular Sample	SB915-0368-08 / SB915-MW-104I / 02/14/2017 / Regular Sample	SB915-0055-02 / SB915-MW-104I / 05/29/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[50]		[46]	[46J]	[48J]	[36]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[68]	[63]	[67]	[59J]	[100]	[73]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0066-03	SB915-0071-07	SB915-0105-01	SB915-0120-02	SB915-0146-05	SB915-0158-06
			Location	SB915-MW-104I	SB915-MW-104I	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S
			Sample Date	07/27/2012	11/01/2012	5/14/2013	08/09/2013	11/08/2013	2/11/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							[0.11]
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L				[32.8]	[27.7]	[34.9]	[28]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L					[0.301]		
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L				[20.6]	[44.3]	[29.6]	[20]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[37J]		[527]	[510]	[571]	[440]
MANGANESE	0.3(S)	mg/L				[11.3]	[9.34J+]	[12.9]	[9]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L						[0.223]	
SODIUM	20(S)	mg/L		[89]	[100J]	[12900]	[12500]	[12800]	[11000]
THALLIUM	0.0005(G)	mg/L					[0.0517J]		

NOTES:
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Table 11
Honeywell
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0175-01	SB915-0198-01	SB915-0237-02	SB915-0261-03	SB915-0279-01	SB915-0293-01
			Location	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S
			Sample Date	05/15/2014	08/27/2014	02/24/2015	05/20/2015	08/11/2015	11/05/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.12]				[0.085J]	
ARSENIC	0.025(S)	mg/L			[0.059J]				[0.062J]
BARIUM	1(S)	mg/L		[38]	[31]	[36]	[34]	[36]	[34]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L					[0.0056J]		
CHROMIUM	0.05(S)	mg/L					[0.13]		
COPPER	0.2(S)	mg/L			[0.31]	[0.34]			
CYANIDE	0.2(S)	mg/L					[0.24J+]		
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[36]	[57]	[13]	[35]	[9.6]	[27]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[550]	[550]	[490]	[540]	[490]	[510]
MANGANESE	0.3(S)	mg/L		[12]	[9.4]	[9.9]	[9.1]	[11]	[9.9]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.046J]		[0.079J]		[0.058J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[14000]	[7400]	[13000]	[13000]	[13000]	[14000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0345-05	SB915-0361-04	SB915-0319-04	SB915-0301-02	SB915-0409-08	SB915-0368-04
		Location	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S
		Sample Date	08/19/2016	10/25/2016	05/13/2016	02/16/2016	10/11/2017	02/14/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L				[0.049J]	[0.05J]	
BARIUM	1(S)	mg/L	[20]	[26]	[34]	[36]	[29]	[38]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.23J]			[0.31]	[0.46]
CYANIDE	0.2(S)	mg/L	[0.25]					
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[39J]	[120]	[26]	[36]	[100]	[88J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[410]	[710]	[480]	[510]	[620]	[670]
MANGANESE	0.3(S)	mg/L	[7.1]	[8.8]	[9.8]	[11]	[12]	[16]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L		[0.22J]		[0.19J]	[0.16J]	[0.21J]
SELENIUM	0.01(S)	mg/L		[0.11]	[0.068J]		[0.16]	[0.31]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9200]	[14000]	[13000]	[14000]	[13000J]	[16000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0056-05	SB915-0069-06	SB915-0072-03	SB915-0103-05	SB915-0119-04	SB915-0150-03
		Location	SB915-MW-104S	SB915-MW-104S	SB915-MW-104S	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR
		Sample Date	05/30/2012	07/31/2012	11/02/2012	5/10/2013	08/08/2013	11/14/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[27]	[32]	[30]			
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[43]	[31J]	[35]		[2.01]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[500]	[600]	[590]			
MANGANESE	0.3(S)	mg/L	[9]	[11]	[11]			
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[13000]	[13000]	[13000]	[75]	[102]	[46.5J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0167-02	SB915-0177-05	SB915-0201-01	SB915-0244-03	SB915-0260-03	SB915-0280-04
			Location	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR
			Sample Date	2/24/2014	05/19/2014	09/02/2014	03/05/2015	05/19/2015	08/12/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.041J]					[0.038J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L				[5.1]			
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L							
MANGANESE	0.3(S)	mg/L							
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[100]	[68]	[69]	[87]	[71]	[100]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0294-02	SB915-0350-02	SB915-0364-02	SB915-0310-03	SB915-0416-05	SB915-0377-05
		Location	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR
		Sample Date	11/06/2015	08/26/2016	11/01/2016	02/29/2016	10/20/2017	02/24/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[80]	[43J]	[51]	[90]	[49J]	[49J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0055-01	SB915-0066-05	SB915-0075-05	SB915-0101-02	SB915-0114-03	SB915-0138-04
			Location	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-105BR	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I
			Sample Date	05/29/2012	07/27/2012	11/07/2012	5/8/2013	08/01/2013	10/28/2013
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L					[8.28]	[10.8]	[9.62]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L			[0.7J]	[3.9]	[11.7]	[17.8]	[16.3]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L					[241]	[331]	[290]
MANGANESE	0.3(S)	mg/L					[2.43]	[3.12]	[2.76]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[91]	[76]	[72]	[3130]	[4160]	[3790]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0153-01	SB915-0169-03	SB915-0184-02	SB915-0204-02	SB915-0226-02	SB915-0247-02
			Location	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I
			Sample Date	2/4/2014	05/07/2014	08/05/2014	10/28/2014	02/09/2015	04/30/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.041J]		[0.039J]			
ARSENIC	0.025(S)	mg/L							[0.03J]
BARIUM	1(S)	mg/L		[13]	[8.9]	[10]	[12]	[14]	[15]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[18]	[15]	[16]	[20]	[21]	[24]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[350]	[270]	[260]	[350]	[340]	[360]
MANGANESE	0.3(S)	mg/L		[3.6]	[2.4J]	[2.7]	[3.3]	[3.5]	[4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							[0.029J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[4700]	[3700]	[3700]	[4600]	[4900]	[5700]
THALLIUM	0.0005(G)	mg/L		[0.037J]		[0.015J]			

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0277-02	SB915-0286-03	SB915-0332-04	SB915-0351-04	SB915-0315-03	SB915-0297-04
			Location	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I	SB915-MW-106I
			Sample Date	08/07/2015	10/26/2015	08/01/2016	10/10/2016	05/09/2016	02/10/2016
			Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L		[0.049J]		[0.036J]			
ARSENIC	0.025(S)	mg/L			[0.088J]		[0.052J]	[0.069J]	[0.05J]
BARIUM	1(S)	mg/L		[13]	[12]	[13]	[13]	[13]	[15]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[22]	[19]	[21]	[22]	[20]	[25]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[330]	[300]	[310]	[350]	[310]	[370]
MANGANESE	0.3(S)	mg/L		[3.8]	[3.1]	[4.2]	[3.7]	[3.7J]	[4.3]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							[0.054J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[5100]	[4700]	[5300]	[5100]	[4900]	[6100]
THALLIUM	0.0005(G)	mg/L							

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0410-08 / SB915-MW-106I / 10/12/2017 / Regular Sample	SB915-0367-09 / SB915-MW-106I / 02/13/2017 / Regular Sample	SB915-0051-02 / SB915-MW-106I / 05/18/2012 / Regular sample	SB915-0065-04 / SB915-MW-106I / 07/26/2012 / Regular sample	SB915-0070-04 / SB915-MW-106I / 10/31/2012 / Regular sample	SB915-0101-01 / SB915-MW-106S / 5/8/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[11]	[14]	[10]	[7.8]	[6.3]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[19]	[22J]	[16]	[14]	[12]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[300]	[320]	[290]	[260]	[220]	
MANGANESE	0.3(S)	mg/L	[3.8]	[4.5]	[2.9]	[2.4]	[1.9]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.038J]	[0.14]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[4800J]	[5400]	[3900]	[3100]	[2400]	[36.5]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0114-02 / SB915-MW-106S / 08/01/2013 / Regular sample	SB915-0138-03 / SB915-MW-106S / 10/28/2013 / Regular sample	SB915-0153-04 / SB915-MW-106S / 2/4/2014 / Regular sample	SB915-0184-01 / SB915-MW-106S / 08/05/2014 / Regular sample	SB915-0204-01 / SB915-MW-106S / 10/28/2014 / Regular sample	SB915-0226-01 / SB915-MW-106S / 02/09/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[0.31J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[36.3]	[35.8]				[54]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[60.8]	[81]	[49]	[82]	[55]	[260]
THALLIUM	0.0005(G)	mg/L				[0.0017J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0277-01 / SB915-MW-106S / 08/07/2015 / Regular sample	SB915-0286-01 / SB915-MW-106S / 10/26/2015 / Regular sample	SB915-0332-03 / SB915-MW-106S / 08/01/2016 / Regular Sample	SB915-0351-07 / SB915-MW-106S / 10/10/2016 / Regular Sample	SB915-0410-05 / SB915-MW-106S / 10/12/2017 / Regular Sample	SB915-0367-02 / SB915-MW-106S / 02/13/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[51]		[69]		[69]	
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.039J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[130]	[45J]	[380]	[36J]	[250J]	
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0051-01	SB915-0065-03	SB915-0103-04	SB915-0115-04	SB915-0147-04	SB915-0157-01
		Location	SB915-MW-106S	SB915-MW-106S	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR
		Sample Date	05/18/2012	07/26/2012	5/10/2013	08/02/2013	11/11/2013	2/10/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L					[0.0098J]	[0.083J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[2.87]	[2.83]	[3.22]	[3.3J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[7.02]	[8.91]	[8.16]	[5.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[42J]	[516]	[502]	[422]	[550]
MANGANESE	0.3(S)	mg/L	[0.36]		[2.99]	[3.04]	[3.11]	[3.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[98]	[80]	[70100]	[73300]	[75100J]	[80000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0170-05	SB915-0194-01	SB915-0203-01	SB915-0243-04	SB915-0246-01	SB915-0274-06
		Location	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR
		Sample Date	05/08/2014	08/21/2014	10/27/2014	03/04/2015	04/29/2015	08/04/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.081J]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[2.9J]		[3J]		[2.7J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.59J]					
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.6J]	[3.5J]	[3.8]	[3.5]		
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[510]	[490]	[480]	[490]	[500]	[480]
MANGANESE	0.3(S)	mg/L	[2.8J]	[2.3]	[2.3]	[2.4]	[2.6]	[2.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[76000]	[66000]	[71000]	[71000]	[71000]	[63000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0290-02	SB915-0349-07	SB915-0366-03	SB915-0323-03	SB915-0311-03	SB915-0418-04
			Location	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR
			Sample Date	10/30/2015	08/25/2016	11/03/2016	05/23/2016	03/01/2016	10/25/2017
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[2.8J]	[3.2J]	[2.8J]	[2.7J]	[2.8J]	[3]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[3.4J]	[2.3]		[2.5J]	[2.4]	[3.9J]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[520]	[580]	[510]	[490]	[490]	[450]
MANGANESE	0.3(S)	mg/L		[2.7]	[2.9]	[2.8J]	[2.6J]	[2.5]	[3J]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[68000]	[82000]	[73000]	[70000]	[67000]	[73000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0374-06	SB915-0050-04	SB915-0066-02	SB915-0073-03	SB915-0101-07	SB915-0115-03
			Location	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107BR	SB915-MW-107D	SB915-MW-107D
			Sample Date	02/21/2017	05/17/2012	07/27/2012	11/05/2012	5/8/2013	08/02/2013
			Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							[0.0404J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[3.3]	[2.8]	[2.7]			
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L				[0.12]			
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[3.2]	[16]	[19J]	[10]	[17.8]	[18.9]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[460]	[470]	[460]	[530]	[466]	[446]
MANGANESE	0.3(S)	mg/L		[2.6]	[2.9]	[2.6]	[3]	[4.97]	[5.16]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.088J]					
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[74000]	[64000]	[59000]	[70000]	[31900]	[31100]
THALLIUM	0.0005(G)	mg/L							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0143-02 / SB915-MW-107D / 11/04/2013 / Regular sample	SB915-0157-02 / SB915-MW-107D / 2/10/2014 / Regular sample	SB915-0170-06 / SB915-MW-107D / 05/08/2014 / Regular sample	SB915-0194-02 / SB915-MW-107D / 08/21/2014 / Regular sample	SB915-0203-02 / SB915-MW-107D / 10/27/2014 / Regular sample	SB915-0227-03 / SB915-MW-107D / 02/10/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.13J]				
ARSENIC	0.025(S)	mg/L	[0.0273J]		[0.062J]	[0.052J]	[0.039J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.22J]	[0.2J]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[18.5]	[19]	[18]	[20]	[18]	[18]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[424]	[460]	[440]	[430]	[390]	[420]
MANGANESE	0.3(S)	mg/L	[5.06]	[5.4]	[4.1J]	[4.2]	[3.8]	[4.1J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.018J]	[0.037J]		
SILVER	0.05(S)	mg/L	[0.132]					
SODIUM	20(S)	mg/L	[27300]	[33000]	[30000]	[31000]	[28000]	[29000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0246-05	SB915-0270-01	SB915-0290-01	SB915-0334-03	SB915-0355-05	SB915-0316-01
			Location	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D
			Sample Date	04/29/2015	07/29/2015	10/30/2015	08/03/2016	10/17/2016	05/10/2016
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L						[0.046J]	
ARSENIC	0.025(S)	mg/L				[0.075J]			[0.056J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L		[0.22]					
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[20]	[17]	[19]	[20]	[20]	[19]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[410]	[390]	[380]	[380]	[410]	[380]
MANGANESE	0.3(S)	mg/L		[3.9]	[3.6]	[3.7]	[4.5]	[4.6J]	[4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.043J]					[0.064J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[30000]	[28000]	[28000]	[28000]	[32000]	[28000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0300-04	SB915-0410-07	SB915-0368-01	SB915-0050-03	SB915-0065-09	SB915-0073-02
		Location	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D	SB915-MW-107D
		Sample Date	02/15/2016	10/12/2017	02/14/2017	05/17/2012	07/26/2012	11/05/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.061J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.24J]			
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[19]	[20]	[23J]	[17]	[16]	[17]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[400]	[380]	[480]	[430]	[420]	[440]
MANGANESE	0.3(S)	mg/L	[3.9]	[4.5]	[5.8]	[4.6]	[4.8]	[4.9]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.11]	[0.24]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[29000]	[25000J]	[33000]	[30000]	[30000]	[30000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0101-08 / SB915-MW-107I / 5/8/2013 / Regular sample	SB915-0115-02 / SB915-MW-107I / 08/02/2013 / Regular sample	SB915-0143-04 / SB915-MW-107I / 11/04/2013 / Regular sample	SB915-0157-03 / SB915-MW-107I / 2/10/2014 / Regular sample	SB915-0170-07 / SB915-MW-107I / 05/08/2014 / Regular sample	SB915-0185-02 / SB915-MW-107I / 08/06/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5.03]	[5.23]	[5.15]	[6.1]	[6]	[4.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[74.1]	[76.8]	[74.6]	[79]	[69]	[64]
MANGANESE	0.3(S)	mg/L	[0.807]	[0.784]	[0.769]	[0.85]	[0.69J]	[0.63]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[945]	[1000]	[841]	[1200]	[1000]	[880]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0203-03 / SB915-MW-107I / 10/27/2014 / Regular sample	SB915-0227-02 / SB915-MW-107I / 02/10/2015 / Regular sample	SB915-0246-02 / SB915-MW-107I / 04/29/2015 / Regular sample	SB915-0270-02 / SB915-MW-107I / 07/29/2015 / Regular sample	SB915-0289-02 / SB915-MW-107I / 10/29/2015 / Regular sample	SB915-0334-02 / SB915-MW-107I / 08/03/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5.9]	[4.8]	[5.1]	[4.8]	[4.9]	[4.8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[68]	[68]	[67]	[64]	[65]	[65]
MANGANESE	0.3(S)	mg/L	[0.68]	[0.67J]	[0.63]	[0.58]	[0.6]	[0.63]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[970]	[970]	[910]	[870]	[880]	[870]
THALLIUM	0.0005(G)	mg/L					[0.018J]	

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0355-03 / SB915-MW-107I / 10/17/2016 / Regular Sample	SB915-0316-03 / SB915-MW-107I / 05/10/2016 / Regular Sample	SB915-0300-05 / SB915-MW-107I / 02/15/2016 / Regular Sample	SB915-0410-04 / SB915-MW-107I / 10/12/2017 / Regular Sample	SB915-0368-05 / SB915-MW-107I / 02/14/2017 / Regular Sample	SB915-0050-02 / SB915-MW-107I / 05/17/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.7]	[4.8]	[4.6]	[5.9]	[7J]	[4.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[81]	[63]	[68]	[78]	[83]	[69]
MANGANESE	0.3(S)	mg/L	[0.76J]	[0.63]	[0.63]	[0.71]	[0.8]	[0.72]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1200]	[820]	[930]	[1000J]	[1100]	[920]
THALLIUM	0.0005(G)	mg/L		[0.015J]				

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0065-10 / SB915-MW-107I / 07/26/2012 / Regular sample	SB915-0101-09 / SB915-MW-107S / 5/8/2013 / Regular sample	SB915-0115-01 / SB915-MW-107S / 08/02/2013 / Regular sample	SB915-0143-01 / SB915-MW-107S / 11/04/2013 / Regular sample	SB915-0157-04 / SB915-MW-107S / 2/10/2014 / Regular sample	SB915-0170-08 / SB915-MW-107S / 05/08/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.074J]	
ARSENIC	0.025(S)	mg/L						[0.06J]
BARIUM	1(S)	mg/L		[8.98]	[8.8]	[10.1]	[9.9]	[11]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[4.9]	[7.67]	[13.1]	[7.27]	[4.8]	[5.3]
LEAD	0.025(S)	mg/L		[0.0391]				
MAGNESIUM	35(G)	mg/L	[74]	[643]	[682]	[601]	[590]	[610]
MANGANESE	0.3(S)	mg/L	[0.75]	[23.5]	[22.3]	[24.9]	[24]	[24J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L				[0.0795]		
SODIUM	20(S)	mg/L	[940]	[6220]	[6340]	[5860]	[6500]	[7000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0185-01 / SB915-MW-107S / 08/06/2014 / Regular sample	SB915-0205-03 / SB915-MW-107S / 10/29/2014 / Regular sample	SB915-0227-01 / SB915-MW-107S / 02/10/2015 / Regular sample	SB915-0246-07 / SB915-MW-107S / 04/29/2015 / Regular sample	SB915-0270-03 / SB915-MW-107S / 07/29/2015 / Regular sample	SB915-0289-01 / SB915-MW-107S / 10/29/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.055J]					
ARSENIC	0.025(S)	mg/L						[0.075J]
BARIUM	1(S)	mg/L	[8.9]	[12]	[9.6]	[10]	[10]	[11]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[11]	[6.7]	[7]	[6.4]	[7.9]	[5.6]
LEAD	0.025(S)	mg/L		[0.098J]				
MAGNESIUM	35(G)	mg/L	[570]	[660]	[620]	[600]	[580]	[590]
MANGANESE	0.3(S)	mg/L	[20]	[27]	[22J]	[22]	[20]	[23]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.037J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5400]	[6500]	[6400]	[6400]	[6300]	[6800]
THALLIUM	0.0005(G)	mg/L	[0.022J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0334-01 / SB915-MW-107S / 08/03/2016 / Regular Sample	SB915-0355-01 / SB915-MW-107S / 10/17/2016 / Regular Sample	SB915-0316-08 / SB915-MW-107S / 05/10/2016 / Regular Sample	SB915-0300-02 / SB915-MW-107S / 02/15/2016 / Regular Sample	SB915-0410-01 / SB915-MW-107S / 10/12/2017 / Regular Sample	SB915-0368-11 / SB915-MW-107S / 02/14/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L				[0.056J]		
BARIUM	1(S)	mg/L	[12]	[14]	[10]	[11]	[12]	[14]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						[0.2J]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.1]	[8.2]	[3.3]	[5.5]	[11]	[6.3]
LEAD	0.025(S)	mg/L	[0.082J]					
MAGNESIUM	35(G)	mg/L	[620]	[710]	[550]	[620]	[700]	[760J]
MANGANESE	0.3(S)	mg/L	[28]	[30J]	[24]	[22]	[28]	[33]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.056J]	[0.038J]	[0.077J]	[0.15]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7100]	[8600]	[6700]	[6600]	[7100J]	[7900J]
THALLIUM	0.0005(G)	mg/L						[0.2J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0050-01	SB915-0065-11	sb915-0073-01	SB915-0073-04	SB915-0107-04	SB915-0129-01
		Location	SB915-MW-107S	SB915-MW-107S	SB915-MW-107S	SB915-MW-107S	SB915-MW-108BR	SB915-MW-108BR
		Sample Date	05/17/2012	07/26/2012	11/05/2012	11/05/2012	5/16/2013	08/22/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.019J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[5.5]	[7.4]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						[1.02]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.1]	[9.1]	[4.8]	[11]	[1.86]	[2.15]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[560]	[660]	[73]	[650]	[58.6]	[59.7]
MANGANESE	0.3(S)	mg/L	[20]	[22]	[0.75]	[23]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6000]	[6200]	[1000]	[6200]	[103]	[99.5]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0142-05 / SB915-MW-108BR / 11/01/2013 / Regular sample	SB915-0155-07 / SB915-MW-108BR / 2/6/2014 / Regular sample	SB915-0175-04 / SB915-MW-108BR / 05/15/2014 / Regular sample	SB915-0193-01 / SB915-MW-108BR / 08/20/2014 / Regular sample	SB915-0219-04 / SB915-MW-108BR / 11/18/2014 / Regular sample	SB915-0232-01 / SB915-MW-108BR / 02/17/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0048J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[1.02]	[1]			[1.1J]	
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.92]	[1.9]	[1.9]	[1.8]	[1.9]	[1.8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[60.2]	[58]	[57]	[60]	[57]	[57]
MANGANESE	0.3(S)	mg/L				[0.3]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[89.9]	[110]	[110]	[100]	[100]	[100]
THALLIUM	0.0005(G)	mg/L		[0.0036J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0268-07	SB915-0281-01	SB915-0339-02	SB915-0353-02	SB915-0317-02	SB915-0298-04
		Location	SB915-MW-108BR	SB915-MW-108BR	SB915-MW-108BR	SB915-MW-108BR	SB915-MW-108BR	SB915-MW-108BR
		Sample Date	07/27/2015	10/19/2015	08/11/2016	10/13/2016	05/11/2016	02/11/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.2J+]				
BARIUM	1(S)	mg/L		[50J]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[50J]		[1.1]		[1.1J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.6]	[1.8]	[1.5]	[1.7]	[1.5]	[1.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[58]	[57]	[51]	[60]	[55]	[59]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[100]		[97]	[110]	[94]	[100]
THALLIUM	0.0005(G)	mg/L	[0.016J]			[0.0027J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0411-03 / SB915-MW-108BR / 10/13/2017 / Regular Sample	SB915-0369-09 / SB915-MW-108BR / 02/15/2017 / Regular Sample	SB915-0044-04 / SB915-MW-108BR / 04/27/2012 / Regular sample	SB915-0061-07 / SB915-MW-108BR / 07/23/2012 / Regular sample	SB915-0082-03 / SB915-MW-108BR / 11/16/2012 / Regular sample	SB915-0107-05 / SB915-MW-108D / 5/16/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[1.2J]	[1.2J]				
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.2]	[2]	[1.6]	[2.3J]	[2.6]	[0.987]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[64]	[66J]	[54J]	[58]	[52]	
MANGANESE	0.3(S)	mg/L	[0.33J]	[0.32]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[110]	[110J]	[89B]	[100]	[94]	[49.5]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0128-03	SB915-0142-07	SB915-0155-05	SB915-0175-05	SB915-0193-02	SB915-0219-01
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	08/21/2013	11/01/2013	2/6/2014	05/15/2014	08/20/2014	11/18/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.11]	[0.82]	[0.76]	[1.3]	[1.1]	[1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[47.7]	[39.4]	[50]	[51]		
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0232-02	SB915-0268-04	SB915-0281-04	SB915-0339-01	SB915-0353-01	SB915-0317-03
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	02/17/2015	07/27/2015	10/19/2015	08/11/2016	10/13/2016	05/11/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.031J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.4]	[1.2]	[1.5]	[1.1]	[1.6]	[1.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[46J]		[43J]	[62]	[41]	[42J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0298-05	SB915-0411-02	SB915-0369-01	SB915-0044-03	SB915-0061-08	SB915-0082-02
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	02/11/2016	10/13/2017	02/15/2017	04/27/2012	07/23/2012	11/16/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L					[0.016J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.3]	[1.3]	[1.6]			
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L			[39J]		[36J]	
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L		[41J]	[54J]	[53B]	[56]	[63]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0112-06	SB915-0176-04	SB915-0317-06	SB915-0299-09	SB915-0371-01	SB915-0047-05
		Location	SB915-MW-108S	SB915-MW-108S	SB915-MW-108S	SB915-MW-108S	SB915-MW-108S	SB915-MW-108S
		Sample Date	5/23/2013	05/16/2014	05/11/2016	02/12/2016	02/16/2017	05/02/2012
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.87]			[0.43J]	[1.2]	[0.32]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L		[0.44]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[85.6]	[31J]	[37J]		[23J]	[61B]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0108-04 / SB915-MW-109I / 5/17/2013 / Regular sample / mg/L	SB915-0129-02 / SB915-MW-109I / 08/22/2013 / Regular sample / mg/L	SB915-0142-01 / SB915-MW-109I / 11/01/2013 / Regular sample / mg/L	SB915-0155-09 / SB915-MW-109I / 2/6/2014 / Regular sample / mg/L	SB915-0173-04 / SB915-MW-109I / 05/13/2014 / Regular sample / mg/L	SB915-0192-03 / SB915-MW-109I / 08/19/2014 / Regular sample / mg/L
ANTIMONY	0.003(G)					[0.035J]	[0.046J]	
ARSENIC	0.025(S)							
BARIUM	1(S)		[1.25]		[1.31]	[1.5]		
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[0.703]	[1.31]	[0.792]	[0.56]		[0.91J]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[59.2]	[75.5]	[66.7]	[58]	[67]	[77]
MANGANESE	0.3(S)			[0.363]	[0.318]			[0.3]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)							
SODIUM	20(S)		[2980]	[2620]	[3090]	[3400]	[3500]	[2400]
THALLIUM	0.0005(G)					[0.024J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0216-01 / SB915-MW-109I / 11/13/2014 / Regular sample	SB915-0232-03 / SB915-MW-109I / 02/17/2015 / Regular sample	SB915-0253-02 / SB915-MW-109I / 05/08/2015 / Regular sample	SB915-0265-11 / SB915-MW-109I / 07/22/2015 / Regular sample	SB915-0283-01 / SB915-MW-109I / 10/21/2015 / Regular sample	SB915-0338-04 / SB915-MW-109I / 08/10/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.6]	[1.3]	[2.2]	[1.5]	[1.6]	[1.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[91]	[79]	[84]	[79]	[86]	[75]
MANGANESE	0.3(S)	mg/L	[0.38]	[0.33]	[0.37]	[0.33]	[0.38]	[0.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1900]	[2100]	[1900]	[2400]	[1900]	[1700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0357-01	SB915-0317-05	SB915-0299-01	SB915-0415-01	SB915-0371-04	SB915-0047-06
		Location	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I
		Sample Date	10/19/2016	05/11/2016	02/12/2016	10/19/2017	02/16/2017	05/02/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.057J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.2]	[1.3]	[1.5]	[2.4J+]	[1.6]	[3.8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[100]	[74]	[87]	[110]	[83]	[85]
MANGANESE	0.3(S)	mg/L	[0.32]		[0.37]	[0.42]	[0.33]	[0.37]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1500]	[2600]	[2000]	[1600J]	[2500]	[1300B]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0061-06 / SB915-MW-109I / 07/23/2012 / Regular sample	SB915-0081-01 / SB915-MW-109I / 11/15/2012 / Regular sample	SB915-0108-01 / SB915-MW-109S / 5/17/2013 / Regular sample	SB915-0129-03 / SB915-MW-109S / 08/22/2013 / Regular sample	SB915-0142-02 / SB915-MW-109S / 11/01/2013 / Regular sample	SB915-0155-08 / SB915-MW-109S / 2/6/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.038J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1.32]	[1.55]	[2.06]	[1.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.3J]					
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[72]	[50]				
MANGANESE	0.3(S)	mg/L	[0.39]					
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.036J]					
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2400]	[2800]	[2340]	[2500]	[3040]	[2800]
THALLIUM	0.0005(G)	mg/L			[0.0046J]			[0.027J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0173-03 / SB915-MW-109S / 05/13/2014 / Regular sample	SB915-0192-01 / SB915-MW-109S / 08/19/2014 / Regular sample	SB915-0216-02 / SB915-MW-109S / 11/13/2014 / Regular sample	SB915-0232-04 / SB915-MW-109S / 02/17/2015 / Regular sample	SB915-0253-01 / SB915-MW-109S / 05/08/2015 / Regular sample	SB915-0265-10 / SB915-MW-109S / 07/22/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.044J]					
ARSENIC	0.025(S)	mg/L			[0.033J]			
BARIUM	1(S)	mg/L			[2.1]	[2]		[1.6J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.028J]			[0.022J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2700]	[3000]	[3500]	[3600]	[2400]	[2700]
THALLIUM	0.0005(G)	mg/L	[0.029J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0283-02 / SB915-MW-109S / 10/21/2015 / Regular sample	SB915-0338-01 / SB915-MW-109S / 08/10/2016 / Regular Sample	SB915-0357-06 / SB915-MW-109S / 10/19/2016 / Regular Sample	SB915-0317-04 / SB915-MW-109S / 05/11/2016 / Regular Sample	SB915-0299-04 / SB915-MW-109S / 02/12/2016 / Regular Sample	SB915-0415-04 / SB915-MW-109S / 10/19/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L	[0.036J]					
ARSENIC	0.025(S)	mg/L				[0.049J]		
BARIUM	1(S)	mg/L	[1.8J]	[2.1]	[1.9J]	[1.4J]	[1.7J]	[2.2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.046J]	[0.042J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2900]	[3600]	[3100]	[2400]	[2900]	[3700J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0371-05 / SB915-MW-109S / 02/16/2017 / Regular Sample / mg/L	SB915-0049-01 / SB915-MW-109S / 05/04/2012 / Regular sample / mg/L	SB915-0061-05 / SB915-MW-109S / 07/23/2012 / Regular sample / mg/L	SB915-0081-02 / SB915-MW-109S / 11/15/2012 / Regular sample / mg/L	SB915-0108-05 / SB915-MW-110S / 5/17/2013 / Regular sample / mg/L	SB915-0130-03 / SB915-MW-110S / 08/23/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)							
ARSENIC	0.025(S)							
BARIUM	1(S)		[1.7J]	[1.3]	[2.1]			
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)			[0.45B]			[17.2]	[21.8]
LEAD	0.025(S)							
MAGNESIUM	35(G)							
MANGANESE	0.3(S)						[3.33]	[4.39]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)							
SODIUM	20(S)		[3400]	[2500]	[3600]	[4100]	[398]	[343]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0146-03 / SB915-MW-110S / 11/08/2013 / Regular sample	SB915-0158-03 / SB915-MW-110S / 2/11/2014 / Regular sample	SB915-0180-02 / SB915-MW-110S / 05/22/2014 / Regular sample	SB915-0186-04 / SB915-MW-110S / 08/07/2014 / Regular sample	SB915-0221-01 / SB915-MW-110S / 11/21/2014 / Regular sample	SB915-0228-07 / SB915-MW-110S / 02/11/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L				[0.0045J]		
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23.5]	[19]	[26]	[28]	[26]	[19]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[4.2]	[2.9]	[3.8]	[4.4]	[5.7]	[3.7J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[312]	[270]	[500]	[450]	[640]	[400]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0253-03 / SB915-MW-110S / 05/08/2015 / Regular sample	SB915-0265-09 / SB915-MW-110S / 07/22/2015 / Regular sample	SB915-0283-04 / SB915-MW-110S / 10/21/2015 / Regular sample	SB915-0339-03 / SB915-MW-110S / 08/11/2016 / Regular Sample	SB915-0360-01 / SB915-MW-110S / 10/24/2016 / Regular Sample	SB915-0317-01 / SB915-MW-110S / 05/11/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.04J+]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[16]	[17]	[22]	[29]	[44]	[21]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[2.3]	[2.5]	[3.6]	[5.5]	[5.7J]	[3.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[270]	[300]	[420]	[590]	[610]	[330]
THALLIUM	0.0005(G)	mg/L					[0.028J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0299-10	SB915-0413-05	SB915-0371-02	SB915-0043-05	SB915-0060-10	SB915-0081-03
		Location	SB915-MW-110S	SB915-MW-110S	SB915-MW-110S	SB915-MW-110S	SB915-MW-110S	SB915-MW-110S
		Sample Date	02/12/2016	10/17/2017	02/16/2017	04/26/2012	07/20/2012	11/15/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[20]	[36]	[26]	[22B]	[34]	[23]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[2.9]	[4.7J]	[3.7]	[2.3]	[4.9]	[5.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[260]	[530]	[370]	[480B]	[580]	[480]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0105-05	SB915-0123-01	SB915-0141-01	SB915-0152-03	SB915-0171-07	SB915-0192-04
		Location	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR
		Sample Date	5/14/2013	08/14/2013	10/31/2013	2/3/2014	05/09/2014	08/19/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L				[0.13J]		
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[19.2]	[20.9]	[19.8]	[24]	[27]	[24J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L					[0.47]	[0.41J]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[109]	[101]	[105]	[110]	[110]	[120]
LEAD	0.025(S)	mg/L	[0.0749]		[0.0393J]			
MAGNESIUM	35(G)	mg/L	[3810]	[3490]	[3910]	[3900]	[4100]	[4000]
MANGANESE	0.3(S)	mg/L	[27.4]	[23.8J+]	[26.6]	[27]	[23]	[26]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.031J]		[0.078J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[37800]	[13600]	[35800J]	[37000]	[36000]	[36000]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0210-02	SB915-0239-03	SB915-0252-07	SB915-0275-04	SB915-0292-01	SB915-0347-03
		Location	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR
		Sample Date	11/05/2014	02/26/2015	05/07/2015	08/05/2015	11/04/2015	08/23/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.17J]			[0.062J]		
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[26]	[25]	[24]	[25]	[24]	[23]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.42J]	[0.39J]	[0.25J]	[0.35]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[110]	[110]	[79]	[110]	[110]	[110]
LEAD	0.025(S)	mg/L						[0.17J]
MAGNESIUM	35(G)	mg/L	[4000]	[3900]	[3800]	[3600]	[3900]	[3700]
MANGANESE	0.3(S)	mg/L	[25]	[23]	[24]	[21]	[25]	[25]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.1J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[39000J]	[35000]	[36000]	[32000]	[35000]	[34000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0363-03	SB915-0328-01	SB915-0306-03	SB915-0420-02	SB915-0373-02	SB915-0045-01
			Location	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR	SB915-MW-111BR
			Sample Date	10/31/2016	05/31/2016	02/23/2016	10/27/2017	02/20/2017	04/30/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ANTIMONY	0.003(G)	mg/L			[0.056J]				
ARSENIC	0.025(S)	mg/L				[0.095J]			
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[26]	[24]	[25]	[28]	[26]	[23]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L					[0.29J]	[0.29]	
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[120]	[100]	[110]	[110]	[100]	[91]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[4200]	[3500]	[3900]	[4300]	[3700]	[3600]
MANGANESE	0.3(S)	mg/L		[27J]	[24]	[23]	[32J]	[27]	[25]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L					[0.16J]	[0.17J]	
SELENIUM	0.01(S)	mg/L				[0.082J]	[0.24]	[0.16]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[38000]	[34000]	[34000]	[40000]	[35000]	[36000B]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0061-04	SB915-0105-03	SB915-0123-02	SB915-0141-02	SB915-0152-02	SB915-0171-04
			Location	SB915-MW-111BR	SB915-MW-111D	SB915-MW-111D	SB915-MW-111D	SB915-MW-111D	SB915-MW-111D
			Sample Date	07/23/2012	5/14/2013	08/14/2013	10/31/2013	2/3/2014	05/09/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L						[0.11]	
ARSENIC	0.025(S)	mg/L					[0.0289J]		[0.036J+]
BARIUM	1(S)	mg/L			[2.7]	[2.53]	[1.91]	[2.3]	[2.1]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[24]					[1.2J]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							[0.4]
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[100J]	[82.9]	[82.2]	[78.1]	[93]	[91]
LEAD	0.025(S)	mg/L			[0.0328]		[0.0276J]		
MAGNESIUM	35(G)	mg/L		[3800]	[152]	[143]	[152]	[150]	[170]
MANGANESE	0.3(S)	mg/L		[27]	[7.48]	[6.83J+]	[7.62]	[6.9]	[6.5]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L						[0.033J]	[0.052J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[33000]	[16500]	[15700]	[17000J]	[16000]	[17000]
THALLIUM	0.0005(G)	mg/L			[0.0406J]	[0.0474J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0186-02 / SB915-MW-111D / 08/07/2014 / Regular sample	SB915-0208-02 / SB915-MW-111D / 11/03/2014 / Regular sample	SB915-0239-04 / SB915-MW-111D / 02/26/2015 / Regular sample	SB915-0252-05 / SB915-MW-111D / 05/07/2015 / Regular sample	SB915-0265-04 / SB915-MW-111D / 07/22/2015 / Regular sample	SB915-0284-09 / SB915-MW-111D / 10/22/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.084J]					[0.056J]
ARSENIC	0.025(S)	mg/L		[0.063J]				
BARIUM	1(S)	mg/L	[1.9J]	[1.5J]		[1.4J]	[1.3J]	[1.4J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[1.3J]				
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.3]	[0.37]	[0.26]		
CYANIDE	0.2(S)	mg/L		[0.28]		[0.54J+]		
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[87]	[79]	[74]	[83]	[80]	[85]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[140]	[160]	[150]	[170]	[160]	[150]
MANGANESE	0.3(S)	mg/L	[6.5]	[5.7]	[5.8]	[5.8]	[5.8]	[6.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.025J]	[0.11]		[0.07J]		[0.049J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[14000]	[16000J]	[15000]	[17000]	[16000]	[15000]
THALLIUM	0.0005(G)	mg/L	[0.045J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0337-04 / SB915-MW-111D / 08/09/2016 / Regular Sample	SB915-0357-08 / SB915-MW-111D / 10/19/2016 / Regular Sample	SB915-0314-04 / SB915-MW-111D / 05/06/2016 / Regular Sample	SB915-0302-01 / SB915-MW-111D / 02/17/2016 / Regular Sample	SB915-0414-07 / SB915-MW-111D / 10/18/2017 / Regular Sample	SB915-0371-08 / SB915-MW-111D / 02/16/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L				[0.059J]		
ARSENIC	0.025(S)	mg/L			[0.045J]			
BARIUM	1(S)	mg/L		[1.3J]		[1.4J]		[1J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L					[1.2J]	[1.2J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.26]			[0.34]	[0.37]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[68]	[110]	[83]	[87]	[96]	[94]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[130]	[200]	[150]	[160]	[190]	[180]
MANGANESE	0.3(S)	mg/L	[5]	[6.5]	[5.3J]	[6.3]	[7.3]	[7.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L			[0.12J]		[0.12J]	[0.16J]
SELENIUM	0.01(S)	mg/L		[0.19]	[0.078J]		[0.18]	[0.19]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[12000]	[20000]	[16000]	[15000]	[17000]	[18000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0045-02 / SB915-MW-111D / 04/30/2012 / Regular sample	SB915-0061-03 / SB915-MW-111D / 07/23/2012 / Regular sample	SB915-0081-09 / SB915-MW-111D / 11/15/2012 / Regular sample	SB915-0105-04 / SB915-MW-111I / 5/14/2013 / Regular sample	SB915-0123-04 / SB915-MW-111I / 08/14/2013 / Regular sample	SB915-0141-05 / SB915-MW-111I / 10/31/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						[0.0412J]
BARIUM	1(S)	mg/L	[4.3]	[3.4]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[1.1J]					
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[84]	[95J]	[97]	[80.9]	[73.4]	[78.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[150]	[200]	[160]	[244]	[220]	[221]
MANGANESE	0.3(S)	mg/L	[7.4]	[7.4]	[7.9]	[6.29]	[5.63J+]	[5.84]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[16000B]	[14000]	[17000]	[9530]	[8970]	[9080J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0152-01	SB915-0171-01	SB915-0186-01	SB915-0208-01	SB915-0230-05	SB915-0252-01
			Location	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I
			Sample Date	2/3/2014	05/09/2014	08/07/2014	11/03/2014	02/13/2015	05/07/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.072J]		[0.12J]			
ARSENIC	0.025(S)	mg/L					[0.039J]	[0.031J]	[0.031J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L			[0.27]		[0.22J]	[0.29]	
CYANIDE	0.2(S)	mg/L							[0.27J+]
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[81]	[86]	[79]	[80]	[74]	[82]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[240]	[250]	[220]	[230]	[230]	[230]
MANGANESE	0.3(S)	mg/L		[6.1]	[5.4]	[5.7]	[5.3]	[5.5J]	[5.3]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.041J]				[0.051J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[9500]	[9600]	[8900]	[9400J]	[9000]	[9200]
THALLIUM	0.0005(G)	mg/L							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0265-01	SB915-0284-03	SB915-0337-01	SB915-0357-04	SB915-0314-01	SB915-0302-02
			Location	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I	SB915-MW-111I
			Sample Date	07/22/2015	10/22/2015	08/09/2016	10/19/2016	05/06/2016	02/17/2016
			Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.052J]				[0.062J]
ARSENIC	0.025(S)	mg/L						[0.052J]	
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[75]	[75]	[76]	[100]	[75]	[75]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[220]	[220]	[220]	[280]	[210]	[220]
MANGANESE	0.3(S)	mg/L		[5.2]	[5.8]	[5.7]	[6.6]	[5.2J]	[5.7]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L					[0.1]	[0.06J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[8600]	[8600]	[8300]	[11000]	[8800]	[8700]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0414-04 / SB915-MW-111I / 10/18/2017 / Regular Sample	SB915-0371-06 / SB915-MW-111I / 02/16/2017 / Regular Sample	SB915-0045-03 / SB915-MW-111I / 04/30/2012 / Regular sample	SB915-0061-02 / SB915-MW-111I / 07/23/2012 / Regular sample	SB915-0081-06 / SB915-MW-111I / 11/15/2012 / Regular sample	SB915-0105-06 / SB915-MW-111S / 5/14/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						[2.84]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.24J]				
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[77]	[83]	[65]	[81J]	[81]	[104]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[220]	[240]	[190]	[240]	[240]	[95.3]
MANGANESE	0.3(S)	mg/L	[6.4]	[6.9]	[5.1]	[6.1]	[5.6]	[4.95]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.1]	[0.1]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[8200]	[9900]	[9200B]	[8900]	[9000]	[2190]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0123-03	SB915-0141-06	SB915-0152-04	SB915-0171-06	SB915-0186-03	SB915-0210-01
		Location	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S
		Sample Date	08/14/2013	10/31/2013	2/3/2014	05/09/2014	08/07/2014	11/05/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L			[0.025J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.68]	[3.6]	[2.6]	[3.2]	[2.9]	[2.4]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[113]	[142]	[120]	[140]	[120]	[89]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[98.3]	[113]	[88]	[110]	[82]	[68]
MANGANESE	0.3(S)	mg/L	[4.67J+]	[5.78]	[4.5]	[5.2]	[4.5]	[3.1]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.018J]					
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2360]	[3070J]	[2500]	[2700]	[2500]	[2000J]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0230-04	SB915-0252-04	SB915-0265-06	SB915-0284-06	SB915-0337-02	SB915-0357-03
		Location	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S
		Sample Date	02/13/2015	05/07/2015	07/22/2015	10/22/2015	08/09/2016	10/19/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.4]	[2.3]	[2.5]	[2.3]	[2.3]	[2.2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[85]	[92]	[93]	[86]	[89]	[84]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[66]	[69]	[72]	[66]	[66]	[61]
MANGANESE	0.3(S)	mg/L	[3.4J]	[3.1]	[3.4]	[3.3]	[3.2]	[3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.022J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2100]	[2000]	[2000]	[1900]	[2000]	[1800]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0314-06	SB915-0302-03	SB915-0414-01	SB915-0371-07	SB915-0045-04	SB915-0061-01
		Location	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S	SB915-MW-111S
		Sample Date	05/06/2016	02/17/2016	10/18/2017	02/16/2017	04/30/2012	07/23/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.8]	[2.9]	[2.7]	[2.2]	[1.9]	[2.8]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[120]	[110]	[100]	[88]	[73]	[110J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[82]	[75]	[75]	[66]	[68]	[87]
MANGANESE	0.3(S)	mg/L	[4.6J]	[4.2]	[3.9]	[3.6]	[3.1]	[4.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.026J]					[0.036J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2300]	[2300]	[2200]	[2000]	[1800B]	[2300]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0081-05	SB915-0108-06	SB915-0124-02	SB915-0141-03	SB915-0158-02	SB915-0173-01
			Location	SB915-MW-111S	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I
			Sample Date	11/15/2012	5/17/2013	08/15/2013	10/31/2013	2/11/2014	05/13/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L						[0.059J]	[0.069J]
ARSENIC	0.025(S)	mg/L					[0.0275J]		
BARIUM	1(S)	mg/L			[1.56]	[1.82J]	[1.74]	[1.5J]	[2]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[110]	[52.4]	[56.1J]	[52.5]	[42]	[53]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[85]	[87.9]	[81.3]	[80.9]	[71]	[89]
MANGANESE	0.3(S)	mg/L		[4.1]	[17]	[16.9J+]	[16.3]	[13]	[15]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[2400]	[8010]	[8870]	[8220J]	[6700]	[8700]
THALLIUM	0.0005(G)	mg/L							[0.095J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0187-01 / SB915-MW-112I / 08/12/2014 / Regular sample	SB915-0211-01 / SB915-MW-112I / 11/06/2014 / Regular sample	SB915-0230-01 / SB915-MW-112I / 02/13/2015 / Regular sample	SB915-0252-09 / SB915-MW-112I / 05/07/2015 / Regular sample	SB915-0265-08 / SB915-MW-112I / 07/22/2015 / Regular sample	SB915-0283-08 / SB915-MW-112I / 10/21/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.061J]					[0.054J]
ARSENIC	0.025(S)	mg/L		[0.05J]		[0.041J]		
BARIUM	1(S)	mg/L	[1.9J]	[1.8J]	[1.4J]	[1.4J]	[1.1J]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.21J]	[0.24J]			
CYANIDE	0.2(S)	mg/L		[0.37]		[0.31J+]		
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[49]	[53]	[49]	[55]	[53]	[50]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[91]	[97]	[130]	[140]	[160]	[160]
MANGANESE	0.3(S)	mg/L	[15]	[13]	[12J]	[13]	[13]	[15]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						[0.33J]
SELENIUM	0.01(S)	mg/L						[0.027J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[8300]	[8300]	[7700]	[8200]	[8200]	[7900]
THALLIUM	0.0005(G)	mg/L	[0.051J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0337-03	SB915-0358-05	SB915-0313-02	SB915-0303-08	SB915-0414-05	SB915-0372-08
			Location	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I	SB915-MW-112I
			Sample Date	08/09/2016	10/20/2016	05/05/2016	02/18/2016	10/18/2017	02/17/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L				[0.038J]			
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L			[1.1J]				
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							[0.24J]
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[52]	[70]	[52]	[55]	[57]	[56]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[200]	[280]	[190]	[200]	[230]	[240]
MANGANESE	0.3(S)	mg/L		[15]	[17]	[14J]	[14J]	[15]	[16]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L						[0.11J]	
SELENIUM	0.01(S)	mg/L			[0.11]		[0.061J]	[0.1]	[0.13]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[8100]	[11000]	[8100]	[8000]	[8200]	[9100]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0048-06 / SB915-MW-112I / 05/03/2012 / Regular sample	SB915-0059-11 / SB915-MW-112I / 07/19/2012 / Regular sample	SB915-0075-04 / SB915-MW-112I / 11/07/2012 / Regular sample	SB915-0108-07 / SB915-MW-112S / 5/17/2013 / Regular sample	SB915-0124-01 / SB915-MW-112S / 08/15/2013 / Regular sample	SB915-0141-04 / SB915-MW-112S / 10/31/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.3]	[1.5J]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L					[0.24]	
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[42B]	[52]	[53]		[2.54J]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[79]	[91]	[79]			
MANGANESE	0.3(S)	mg/L	[15]	[16]	[15]		[1.44J+]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[8600]	[8100]	[8300]	[591]	[747]	[635J]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0158-01 / SB915-MW-112S / 2/11/2014 / Regular sample	SB915-0173-02 / SB915-MW-112S / 05/13/2014 / Regular sample	SB915-0187-02 / SB915-MW-112S / 08/12/2014 / Regular sample	SB915-0230-03 / SB915-MW-112S / 02/13/2015 / Regular sample	SB915-0252-08 / SB915-MW-112S / 05/07/2015 / Regular sample	SB915-0265-07 / SB915-MW-112S / 07/22/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.013J]	[0.026J]	[0.027J-]			
ARSENIC	0.025(S)	mg/L		[0.036J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[2.9]		[1.1]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L		[0.3]	[0.54]	[6J]	[1.7]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.018J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[490]	[660]	[650]	[1300]	[680]	[550]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0283-09 / SB915-MW-112S / 10/21/2015 / Regular sample	SB915-0338-06 / SB915-MW-112S / 08/10/2016 / Regular Sample	SB915-0359-05 / SB915-MW-112S / 10/21/2016 / Regular Sample	SB915-0313-01 / SB915-MW-112S / 05/05/2016 / Regular Sample	SB915-0303-07 / SB915-MW-112S / 02/18/2016 / Regular Sample	SB915-0414-03 / SB915-MW-112S / 10/18/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L				[0.0037J]		
ARSENIC	0.025(S)	mg/L	[0.037J+]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[1.8]	[0.32]			[94]
LEAD	0.025(S)	mg/L		[0.033J]				
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[2.8]	[7.1]	[3.6]			[5.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.017]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[710]	[930]	[630]	[520]	[500]	[1300]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0373-01 / SB915-MW-112S / 02/20/2017 / Regular Sample / mg/L	SB915-0048-05 / SB915-MW-112S / 05/03/2012 / Regular sample / mg/L	SB915-0059-10 / SB915-MW-112S / 07/19/2012 / Regular sample / mg/L	SB915-0075-03 / SB915-MW-112S / 11/07/2012 / Regular sample / mg/L	SB915-0108-08 / SB915-MW-113S / 5/17/2013 / Regular sample / mg/L	SB915-0130-01 / SB915-MW-113S / 08/23/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)	mg/L			[0.016J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L					[16]	[17.1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L					[75.6]	[78.4]
MANGANESE	0.3(S)	mg/L		[0.62]	[0.37]	[2.5]	[1.1]	[1.05]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[590]	[640]	[720]	[1400]	[2320]	[2370]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0145-01 / SB915-MW-113S / 11/07/2013 / Regular sample	SB915-0159-03 / SB915-MW-113S / 2/12/2014 / Regular sample	SB915-0180-01 / SB915-MW-113S / 05/22/2014 / Regular sample	SB915-0189-01 / SB915-MW-113S / 08/14/2014 / Regular sample	SB915-0224-06 / SB915-MW-113S / 12/03/2014 / Regular sample	SB915-0233-03 / SB915-MW-113S / 02/18/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.046J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[20.3]	[19]	[23]	[21]	[22]	[24]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[102]	[89]	[100]	[98]	[100]	[120]
MANGANESE	0.3(S)	mg/L	[1.26]	[1.1]	[1.3]	[1.1]	[1.2]	[1.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2720]	[2600]	[3000]	[2800]	[2500]	[3000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0259-01 / SB915-MW-113S / 05/18/2015 / Regular sample	SB915-0269-01 / SB915-MW-113S / 07/28/2015 / Regular sample	SB915-0285-01 / SB915-MW-113S / 10/23/2015 / Regular sample	SB915-0342-02 / SB915-MW-113S / 08/16/2016 / Regular Sample	SB915-0356-05 / SB915-MW-113S / 10/18/2016 / Regular Sample	SB915-0322-06 / SB915-MW-113S / 05/20/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.047J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[20]	[18]	[21]	[22]	[25]	[18]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[99]	[95]	[100]	[110]	[140]	[94]
MANGANESE	0.3(S)	mg/L	[1]	[0.97]	[1.1]	[1]	[1.4J]	[0.9]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.046J]		[0.039J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2600]	[2400]	[2700]	[2900]	[3300]	[2400]
THALLIUM	0.0005(G)	mg/L					[0.032J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0303-06	SB915-0413-03	SB915-0368-10	SB915-0049-02	SB915-0059-01	SB915-0077-02
			Location	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S
			Sample Date	02/18/2016	10/17/2017	02/14/2017	05/04/2012	07/19/2012	11/09/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L						[0.014J]	
ARSENIC	0.025(S)	mg/L		[0.039J]					
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[21]	[17]	[19J]	[6.6B]	[15]	[23]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[100]	[98]	[110]	[44]	[69]	[110]
MANGANESE	0.3(S)	mg/L		[1J]	[0.84J]	[0.98]	[0.48]	[0.98]	[1.4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L				[0.065J]			
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[2700]	[2500]	[2700]	[2000]	[2300]	[2900]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0101-04	SB915-0116-02	SB915-0138-05	SB915-0153-06	SB915-0170-03	SB915-0185-03
		Location	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR
		Sample Date	5/8/2013	08/05/2013	10/28/2013	2/4/2014	05/08/2014	08/06/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L				[0.025J]		[0.043J]
ARSENIC	0.025(S)	mg/L					[0.046J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[11.5]	[11.3]	[14.1]	[10]	[13]	[10]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[282]	[292]	[310]	[270]	[300]	[260]
MANGANESE	0.3(S)	mg/L	[1.68]	[1.7]	[1.77]	[1.5]	[1.5J]	[1.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.022J]	
SILVER	0.05(S)	mg/L			[0.05U]			
SODIUM	20(S)	mg/L	[10500]	[7820]	[11900]	[8300]	[10000]	[7800]
THALLIUM	0.0005(G)	mg/L				[0.027J]		[0.028J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0205-05	SB915-0229-02	SB915-0250-05	SB915-0271-01	SB915-0286-05	SB915-0333-01
		Location	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR
		Sample Date	10/29/2014	02/12/2015	05/05/2015	07/30/2015	10/26/2015	08/02/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						[0.032J]
ARSENIC	0.025(S)	mg/L			[0.035J]	[0.036J]		
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[1.3J]			[1.3J]	[1.1J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[14]	[12]	[13]	[12]	[12]	[12]
LEAD	0.025(S)	mg/L	[0.08J]					
MAGNESIUM	35(G)	mg/L	[340]	[300]	[310]	[280]	[280]	[280]
MANGANESE	0.3(S)	mg/L	[1.6]	[1.4J]	[1.5]	[1.4]	[1.3]	[1.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[13000]	[11000]	[12000J]	[9900]	[12000]	[11000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0352-03	SB915-0316-05	SB915-0297-10	SB915-0409-11	SB915-0367-04	SB915-0054-03
			Location	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-115BR
			Sample Date	10/11/2016	05/10/2016	02/10/2016	10/11/2017	02/13/2017	05/25/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.048J]	[0.042J]	[0.038J]			
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L			[1.2J]	[1.3J]	[1.5J]	[1.7J]	[1.4B]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[14]	[12]	[13]	[15]	[16J]	[14]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[330]	[280]	[310]	[360]	[380]	[320]
MANGANESE	0.3(S)	mg/L		[1.5]	[1.5]	[1.5]	[1.9]	[2.1]	[1.7]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.041J]	[0.031J]	[0.028J]		[0.057J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[12000]	[12000]	[12000]	[14000J]	[15000]	[14000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0065-06	SB915-0071-05	SB915-0100-05	SB915-0117-04	SB915-0138-07	SB915-0167-03
		Location	SB915-MW-115BR	SB915-MW-115BR	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S
		Sample Date	07/26/2012	11/01/2012	5/7/2013	08/06/2013	10/28/2013	2/24/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.027J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[12]	[11]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[320]	[290]		[47.8]	[46.7]	
MANGANESE	0.3(S)	mg/L	[1.7]	[1.6J]		[0.48]	[0.562]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[8400J]	[115]	[173]	[147]	[73]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0170-01	SB915-0184-03	SB915-0205-02	SB915-0229-04	SB915-0250-04	SB915-0277-03
		Location	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S
		Sample Date	05/08/2014	08/05/2014	10/29/2014	02/12/2015	05/05/2015	08/07/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.0031J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[49]	[42]			
MANGANESE	0.3(S)	mg/L		[0.51]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.02J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[45J]	[160]	[130]	[89]	[68J]	[94]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0286-02 / SB915-MW-116S / 10/26/2015 / Regular sample	SB915-0349-04 / SB915-MW-116S / 08/25/2016 / Regular Sample	SB915-0352-04 / SB915-MW-116S / 10/11/2016 / Regular Sample	SB915-0315-05 / SB915-MW-116S / 05/09/2016 / Regular Sample	SB915-0409-06 / SB915-MW-116S / 10/11/2017 / Regular Sample	SB915-0368-06 / SB915-MW-116S / 02/14/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[35J]				
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[44J]	[43J]	[69]	[31]	[42J]	[44J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0054-04	SB915-0066-06	SB915-0071-01	SB915-0101-03	SB915-0118-05	SB915-0143-03
		Location	SB915-MW-116S	SB915-MW-116S	SB915-MW-116S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S
		Sample Date	05/25/2012	07/27/2012	11/01/2012	5/8/2013	08/07/2013	11/04/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.88]	[0.32J]		[31.9]	[1.56]	[11.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[110]	[54]	[56]	[246]	[153]	[210]
MANGANESE	0.3(S)	mg/L	[1.6]	[0.92]	[0.83J]	[2.92]	[1.09]	[1.91]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[510]	[260]	[160J]	[1910]	[1270]	[1270]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0168-03 / SB915-MW-117S / 2/25/2014 / Regular sample	SB915-0170-02 / SB915-MW-117S / 05/08/2014 / Regular sample	SB915-0184-04 / SB915-MW-117S / 08/05/2014 / Regular sample	SB915-0206-01 / SB915-MW-117S / 10/30/2014 / Regular sample	SB915-0229-03 / SB915-MW-117S / 02/12/2015 / Regular sample	SB915-0250-01 / SB915-MW-117S / 05/05/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.025J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L				[0.055]		
COPPER	0.2(S)	mg/L				[0.3]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.5]	[4.8]	[6.4]	[9.6]	[3.8]	[4.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[140]	[130]	[140]	[130]	[140]
MANGANESE	0.3(S)	mg/L	[1.1]	[0.8J]	[0.99]	[1.1]	[0.76J]	[0.83]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.022J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1500]	[1200]	[1100]	[1100]	[1300]	[1300J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0271-03	SB915-0287-03	SB915-0334-04	SB915-0352-02	SB915-0316-04	SB915-0298-07
		Location	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S
		Sample Date	07/30/2015	10/27/2015	08/03/2016	10/11/2016	05/10/2016	02/11/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.9]	[5.2]	[7.7]	[6.7]	[4.2]	[2.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[170]	[180]	[150]	[160]	[120]	[180]
MANGANESE	0.3(S)	mg/L	[1.3]	[1.2]	[1]	[1.2]	[0.73]	[1.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1100]	[1500]	[1200]	[1300]	[940]	[1500]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0410-03	SB915-0367-11	SB915-0054-02	SB915-0065-08	sb915-0074-01	SB915-0100-02
		Location	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-117S	SB915-MW-118BR
		Sample Date	10/12/2017	02/13/2017	05/25/2012	07/26/2012	11/06/2012	5/7/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.041J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[12]	[15J]	[4.8]	[11]	[9.9]	[6.16]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[220]	[160]	[220]	[180]	[51.3]
MANGANESE	0.3(S)	mg/L	[1]	[2]	[1.1]	[2.3]	[1.7]	[0.474]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.058J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1400J]	[1500]	[1100]	[1500]	[1400]	[1020]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0114-04 / SB915-MW-118BR / 08/01/2013 / Regular sample	SB915-0138-01 / SB915-MW-118BR / 10/28/2013 / Regular sample	SB915-0153-02 / SB915-MW-118BR / 2/4/2014 / Regular sample	SB915-0169-01 / SB915-MW-118BR / 05/07/2014 / Regular sample	SB915-0183-01 / SB915-MW-118BR / 08/04/2014 / Regular sample	SB915-0202-02 / SB915-MW-118BR / 10/23/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0083J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.61]	[6.63]	[5.6]	[6.3]	[5.7]	[6.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[52.3]	[49.3]	[47]	[49J]	[46]	[46]
MANGANESE	0.3(S)	mg/L	[0.474]	[0.46]	[0.42]	[0.42J]	[0.35]	[0.39]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1090]	[1040]	[1100]	[1100]	[990]	[990]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0226-05	SB915-0247-03	SB915-0270-04	SB915-0285-07	SB915-0332-01	SB915-0351-01
		Location	SB915-MW-118BR	SB915-MW-118BR	SB915-MW-118BR	SB915-MW-118BR	SB915-MW-118BR	SB915-MW-118BR
		Sample Date	02/09/2015	04/30/2015	07/29/2015	10/23/2015	08/01/2016	10/10/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.2]	[5.8]	[5.6]	[5.4]	[5.3]	[5.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[46J]			[42]	[47J]
MANGANESE	0.3(S)	mg/L	[0.41]	[0.4]	[0.39]	[0.39]	[0.38]	[0.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.02J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1000]	[990]	[950]	[910]	[890]	[940]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0315-04 / SB915-MW-118BR / 05/09/2016 / Regular Sample	SB915-0297-08 / SB915-MW-118BR / 02/10/2016 / Regular Sample	SB915-0409-10 / SB915-MW-118BR / 10/11/2017 / Regular Sample	SB915-0367-08 / SB915-MW-118BR / 02/13/2017 / Regular Sample	SB915-0051-04 / SB915-MW-118BR / 05/18/2012 / Regular sample	SB915-0065-02 / SB915-MW-118BR / 07/26/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5]	[6.1]	[5.9]	[5.6J]	[6.4]	[7.1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[40]	[47J]	[49J]	[46J]	[50]	[52]
MANGANESE	0.3(S)	mg/L	[0.35J]	[0.4]	[0.44]	[0.42]	[0.48]	[0.47]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[900]	[910]	[940J]	[920]	[1100]	[1000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0070-02	SB915-0100-01	SB915-0120-01	SB915-0138-02	SB915-0153-03	SB915-0169-02
			Location	SB915-MW-118BR	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S
			Sample Date	10/31/2012	5/7/2013	08/09/2013	10/28/2013	2/4/2014	05/07/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L						[0.0072J]	
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L			[1.7]	[1.75]			
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[6.9]	[3.21]	[4.72]	[2.77]	[1]	[2.3]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[52]	[200]	[182]	[107]	[130]	[97]
MANGANESE	0.3(S)	mg/L		[0.48]	[1.41]	[1.57J+]	[0.832]	[0.63]	[0.92J]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[1100]	[2290]	[2000]	[799]	[1100]	[1200]
THALLIUM	0.0005(G)	mg/L				[0.0389J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0183-02	SB915-0205-01	SB915-0226-04	SB915-0247-04	SB915-0270-05	SB915-0285-08
		Location	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S
		Sample Date	08/04/2014	10/29/2014	02/09/2015	04/30/2015	07/29/2015	10/23/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1.1J]			[1.3J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[4.6]		[2.4]		[4]	[2.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[38]	[160]	[38J]	[120]	[130]
MANGANESE	0.3(S)	mg/L	[1.7]		[0.89]		[1.3]	[1.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.017J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2300]	[83]	[1500]	[140]	[1700]	[1700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0333-05	SB915-0351-06	SB915-0315-02	SB915-0297-09	SB915-0410-02	SB915-0367-07
		Location	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S
		Sample Date	08/02/2016	10/10/2016	05/09/2016	02/10/2016	10/12/2017	02/13/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.3]	[1.6J]	[1.8]	[2.2]	[3.6]	[1.8J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.1]	[6.2]	[4.6]	[6.5]	[14]	[5.3J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[220]	[200]	[160]	[200]	[350]	[170]
MANGANESE	0.3(S)	mg/L	[3.5]	[2.1]	[2.3J]	[2.8]	[6.2]	[2.9]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.031J]	[0.053J]	[0.045J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3800]	[2700]	[3000]	[3500]	[6200J]	[3100]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0053-05	SB915-0065-01	SB915-0070-01	SB915-0104-01	SB915-0121-02	SB915-0150-01
		Location	SB915-MW-118S	SB915-MW-118S	SB915-MW-118S	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D
		Sample Date	05/24/2012	07/26/2012	10/31/2012	5/13/2013	08/12/2013	11/14/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[4.5]	[4.6]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.7]	[9.6]		[4.41]	[5.93]	[4.28]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[340]	[400]	[68]	[75.4]	[84.3]	[79.9]
MANGANESE	0.3(S)	mg/L	[4.1]	[5.3]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.0317J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6600]	[6100]	[130]	[366]	[425]	[400J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0165-03	SB915-0178-02	SB915-0195-01	SB915-0214-01	SB915-0244-02	SB915-0249-02
		Location	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D
		Sample Date	2/20/2014	05/20/2014	08/22/2014	11/11/2014	03/05/2015	05/04/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.037J]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.3]	[5.2]	[5.1]	[4.5]	[4.9]	[5.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[99]	[83]	[86]	[79]	[77]	[89]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[510]	[440]	[460J]	[410]	[380]	[440J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0280-02 / SB915-MW-36D / 08/12/2015 / Regular sample	SB915-0292-02 / SB915-MW-36D / 11/04/2015 / Regular sample	SB915-0348-01 / SB915-MW-36D / 08/24/2016 / Regular Sample	SB915-0364-03 / SB915-MW-36D / 11/01/2016 / Regular Sample	SB915-0329-04 / SB915-MW-36D / 06/01/2016 / Regular Sample	SB915-0312-02 / SB915-MW-36D / 03/11/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5.1]	[5.8]	[5.2]	[6]	[5.5]	[5.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[85]	[87]	[90]	[92]	[86]	[84]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[420]	[450]	[450]	[460]	[420]	[420]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0419-02 / SB915-MW-36D / 10/26/2017 / Regular Sample / mg/L	SB915-0376-06 / SB915-MW-36D / 02/23/2017 / Regular Sample / mg/L	SB915-0067-01 / SB915-MW-36D / 07/27/2012 / Regular sample / mg/L	SB915-0067-01 / SB915-MW-36D / 07/27/2012 / Regular sample / mg/L	SB915-0072-01 / SB915-MW-36D / 11/02/2012 / Regular sample / mg/L	SB915-0104-03 / SB915-MW-36I / 5/13/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)							
ARSENIC	0.025(S)							
BARIUM	1(S)							
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[5.4]	[5]	[5.9J]	[5.9J]	[5.9]	
LEAD	0.025(S)							
MAGNESIUM	35(G)		[89]	[86]	[79]	[79]	[82]	
MANGANESE	0.3(S)							
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)							
SODIUM	20(S)		[490]	[420]	[370]	[370]	[400]	[278]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0121-01 / SB915-MW-36I / 08/12/2013 / Regular sample	SB915-0150-02 / SB915-MW-36I / 11/14/2013 / Regular sample	SB915-0165-02 / SB915-MW-36I / 2/20/2014 / Regular sample	SB915-0178-03 / SB915-MW-36I / 05/20/2014 / Regular sample	SB915-0195-02 / SB915-MW-36I / 08/22/2014 / Regular sample	SB915-0214-02 / SB915-MW-36I / 11/11/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0214J]	[0.033J]	[0.061J]		
ARSENIC	0.025(S)	mg/L						[0.037J]
BARIUM	1(S)	mg/L	[1.74]	[3.47]		[2.3]	[2.8]	[3.6]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L		[0.0678]				
SODIUM	20(S)	mg/L	[2660]	[5780J]	[2600]	[3500]	[4100J]	[6000]
THALLIUM	0.0005(G)	mg/L				[0.032J]		

NOTES:

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0244-01 / SB915-MW-36I / 03/05/2015 / Regular sample / mg/L	SB915-0249-03 / SB915-MW-36I / 05/04/2015 / Regular sample / mg/L	SB915-0280-03 / SB915-MW-36I / 08/12/2015 / Regular sample / mg/L	SB915-0292-03 / SB915-MW-36I / 11/04/2015 / Regular sample / mg/L	SB915-0348-04 / SB915-MW-36I / 08/24/2016 / Regular Sample / mg/L	SB915-0364-01 / SB915-MW-36I / 11/01/2016 / Regular Sample / mg/L
ANTIMONY	0.003(G)	mg/L			[0.038J]		[0.033J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[4.2]		[2.5]	[3.7]	[3.1]	[3.4]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.21J]					
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[1.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.021J]					[0.039J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6900]	[52J]	[3800]	[6100]	[4900]	[5500]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0329-03 / SB915-MW-36I / 06/01/2016 / Regular Sample	SB915-0419-03 / SB915-MW-36I / 10/26/2017 / Regular Sample	SB915-0376-07 / SB915-MW-36I / 02/23/2017 / Regular Sample	SB915-0057-02 / SB915-MW-36I / 05/31/2012 / Regular sample	SB915-0066-04 / SB915-MW-36I / 07/27/2012 / Regular sample	SB915-0072-02 / SB915-MW-36I / 11/02/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.3]	[3.5]	[4.8]		[4.5]	[5.8]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.28]			
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.09J]	[0.2]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3400]	[5500]	[8100]	[190]	[7200]	[9700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0165-01 / SB915-MW-36S / 2/20/2014 / Regular sample	SB915-0178-04 / SB915-MW-36S / 05/20/2014 / Regular sample	SB915-0364-05 / SB915-MW-36S / 11/01/2016 / Regular Sample	SB915-0329-02 / SB915-MW-36S / 06/01/2016 / Regular Sample	SB915-0312-01 / SB915-MW-36S / 03/11/2016 / Regular Sample	SB915-0377-06 / SB915-MW-36S / 02/24/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					0.1U	[0.041J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[90]		[83]	[120]	11J	[29J]
THALLIUM	0.0005(G)	mg/L		[0.019J]				

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0110-04 / SB915-MW-42D / 5/21/2013 / Regular sample	SB915-0136-01 / SB915-MW-42D / 09/10/2013 / Regular sample	SB915-0149-03 / SB915-MW-42D / 11/13/2013 / Regular sample	SB915-0166-01 / SB915-MW-42D / 2/21/2014 / Regular sample	SB915-0179-03 / SB915-MW-42D / 05/21/2014 / Regular sample	SB915-0199-04 / SB915-MW-42D / 08/28/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0268J]		[0.0329J]	[0.18J]	[0.097J]	
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L		[13.1]	[13.1]	[13.1]	[16]	[12]	[10]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							[0.28]
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[117]	[119]	[117]	[170]	[120]	[110]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[192]	[200]	[193]	[270]	[190]	[180]
MANGANESE	0.3(S)	mg/L		[3.82]	[3.86]	[3.94]	[5.1]	[3.6]	[3.1]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							[0.025J]
SILVER	0.05(S)	mg/L		[0.0764J]		[0.157]			
SODIUM	20(S)	mg/L		[10800]	[9700]	[11400J]	[15000]	[11000]	[10000]
THALLIUM	0.0005(G)	mg/L					[0.13J]		

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0215-01	SB915-0238-02	SB915-0257-01	SB915-0273-02	SB915-0291-01	SB915-0347-01
		Location	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D
		Sample Date	11/12/2014	02/25/2015	05/14/2015	08/03/2015	11/03/2015	08/23/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.042J]					
BARIUM	1(S)	mg/L	[10]	[10]	[9.4]	[9.1]	[8.9]	[7.2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.25]	[0.29]	[0.24J]			
CYANIDE	0.2(S)	mg/L			[0.28J+]			
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[110]	[120]	[120]	[120J-]	[120]	[120]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[190]	[190]	[190]	[190]	[190]	[210]
MANGANESE	0.3(S)	mg/L	[3.1]	[3.1]	[3.1]	[3.2]	[3.1]	[3.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.034J+]	[0.086J]	[0.09J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[11000]	[11000]	[11000]	[11000]	[11000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0363-07	SB915-0326-01	SB915-0306-04	SB915-0420-06	SB915-0376-05	SB915-0041-05
			Location	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D	SB915-MW-42D
			Sample Date	10/31/2016	05/26/2016	02/23/2016	10/27/2017	02/23/2017	04/24/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L			[0.054J]	[0.086J]			
BARIUM	1(S)	mg/L		[7.2]	[7.3]	[8.3]	[6.7]	[7.2]	[13]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L					[0.26]	[0.31]	
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[120]	[110]	[110]	[110]	[120]	[96]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[210]	[200]	[200]	[200]	[210]	[150J]
MANGANESE	0.3(S)	mg/L		[3.4J]	[3.1]	[3.3]	[4.1J]	[4]	[3.2]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L					[0.13J]		
SELENIUM	0.01(S)	mg/L		[0.15]	[0.059J]	[0.086J]	[0.19]	[0.17]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[12000]	[11000]	[11000]	[12000]	[13000]	[10000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0059-08	SB915-0084-01	SB915-0111-08	SB915-0137-02	SB915-0149-02	SB915-0166-02
		Location	SB915-MW-42D	SB915-MW-42D	SB915-MW-42I	SB915-MW-42I	SB915-MW-42I	SB915-MW-42I
		Sample Date	07/19/2012	11/20/2012	5/22/2013	09/11/2013	11/13/2013	2/21/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L			[0.0322J]		[0.0322J]	[0.1]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[15]		[4.28]	[4.31]	[4.34]	[4.7]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[120]	[140]		[1.48]		[0.35J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[200]	[220]				
MANGANESE	0.3(S)	mg/L	[3.8]	[4.2]				
MERCURY	0.0007(S)	mg/L				[0.00128]		
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L			[0.0788J]		[0.171]	
SODIUM	20(S)	mg/L	[11000]	[13000]	[10500]	[11000]	[11800J]	[12000]
THALLIUM	0.0005(G)	mg/L			[0.0504J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0179-04 / SB915-MW-42I / 05/21/2014 / Regular sample	SB915-0199-05 / SB915-MW-42I / 08/28/2014 / Regular sample	SB915-0238-01 / SB915-MW-42I / 02/25/2015 / Regular sample	SB915-0257-02 / SB915-MW-42I / 05/14/2015 / Regular sample	SB915-0273-01 / SB915-MW-42I / 08/03/2015 / Regular sample	SB915-0291-02 / SB915-MW-42I / 11/03/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.1]					
ARSENIC	0.025(S)	mg/L		[0.03J]				[0.055J]
BARIUM	1(S)	mg/L	[4.1]	[4.2]	[4.3]	[4]	[4.1]	[4.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.28]	[0.29]	[0.25]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L					[1.1J-]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.029J]		[0.057J+]	[0.066J]	[0.064J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[10000]	[10000]	[9800]	[11000]	[9600]	[10000]
THALLIUM	0.0005(G)	mg/L	[0.079J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0347-02 / SB915-MW-42I / 08/23/2016 / Regular Sample	SB915-0363-02 / SB915-MW-42I / 10/31/2016 / Regular Sample	SB915-0326-04 / SB915-MW-42I / 05/26/2016 / Regular Sample	SB915-0306-06 / SB915-MW-42I / 02/23/2016 / Regular Sample	SB915-0420-04 / SB915-MW-42I / 10/27/2017 / Regular Sample	SB915-0377-04 / SB915-MW-42I / 02/24/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.09J]	[0.041J]		
BARIUM	1(S)	mg/L	[3.8]	[3.8]	[3.8]	[4]	[4.6]	[4.4]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L					[0.32]	[0.36]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L		[0.16J]		[0.16J]	[0.21J]	[0.16J]
SELENIUM	0.01(S)	mg/L		[0.11]	[0.073J]	[0.047J]	[0.24]	[0.25]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9300]	[10000]	[9200]	[10000]	[13000]	[12000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0041-04 / SB915-MW-42I / 04/24/2012 / Regular sample	SB915-0059-07 / SB915-MW-42I / 07/19/2012 / Regular sample	SB915-0084-02 / SB915-MW-42I / 11/20/2012 / Regular sample	SB915-0111-07 / SB915-MW-42S / 5/22/2013 / Regular sample	SB915-0180-03 / SB915-MW-42S / 05/22/2014 / Regular sample	SB915-0274-07 / SB915-MW-42S / 08/04/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.013J]			[0.054J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[3.9]	[4.6]		[3.28]	[4.3]	[2.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L	[0.028]					
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[10000]	[9500]	[13000]	[3750]	[4900]	[2800]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0327-04	SB915-0307-07	SB915-0377-01	SB915-0043-06	SB915-0112-05	SB915-0275-05
			Location	SB915-MW-42S	SB915-MW-42S	SB915-MW-42S	SB915-MW-42S	SB915-MW-43S	SB915-MW-43S
			Sample Date	05/27/2016	02/24/2016	02/24/2017	04/26/2012	5/23/2013	08/05/2015
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.048J]	[0.04J]				
BARIUM	1(S)	mg/L		[2.3]	[2.6]	[2.3]	[2.9]		
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L					[2.8B]		
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L							
MANGANESE	0.3(S)	mg/L							
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.03J]	[0.092J]			
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[2700]	[2900]	[2800]	[3900B]	[86.3]	[93]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0308-01	SB915-0377-02	SB915-0052-02	SB915-0107-02	SB915-0132-02	SB915-0148-01
		Location	SB915-MW-43S	SB915-MW-43S	SB915-MW-43S	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D
		Sample Date	02/25/2016	02/24/2017	05/23/2012	5/16/2013	08/27/2013	11/12/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L				[1.49]	[1.09]	[0.994]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[100]	[100]	[100J]	[135]	[124]	[133J]
THALLIUM	0.0005(G)	mg/L		[0.03J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0163-04 / SB915-MW-53D / 2/18/2014 / Regular sample	SB915-0179-01 / SB915-MW-53D / 05/21/2014 / Regular sample	SB915-0197-01 / SB915-MW-53D / 08/26/2014 / Regular sample	SB915-0224-02 / SB915-MW-53D / 12/03/2014 / Regular sample	SB915-0241-02 / SB915-MW-53D / 03/02/2015 / Regular sample	SB915-0273-05 / SB915-MW-53D / 08/03/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.2]	[1.1]	[1.2]	[1]	[0.93J]	[4.2J-]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[160]	[140]	[130]	[140]	[140]	[130]
THALLIUM	0.0005(G)	mg/L			[0.017J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0291-04 / SB915-MW-53D / 11/03/2015 / Regular sample	SB915-0346-02 / SB915-MW-53D / 08/22/2016 / Regular Sample	SB915-0363-05 / SB915-MW-53D / 10/31/2016 / Regular Sample	SB915-0327-01 / SB915-MW-53D / 05/27/2016 / Regular Sample	SB915-0306-01 / SB915-MW-53D / 02/23/2016 / Regular Sample	SB915-0420-05 / SB915-MW-53D / 10/27/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.2]	[1.2J]	[1.6]	[1.1]	[1.1]	[2J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[110]	[110]	[130]	[100]	[110]	[120]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0376-01 / SB915-MW-53D / 02/23/2017 / Regular Sample / mg/L	SB915-0048-01 / SB915-MW-53D / 05/03/2012 / Regular sample / mg/L	SB915-0069-07 / SB915-MW-53D / 07/31/2012 / Regular sample / mg/L	SB915-0083-02 / SB915-MW-53D / 11/19/2012 / Regular sample / mg/L	SB915-0107-01 / SB915-MW-53I / 5/16/2013 / Regular sample / mg/L	SB915-0132-01 / SB915-MW-53I / 08/27/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)							
ARSENIC	0.025(S)							[0.0505]
BARIUM	1(S)						[3.77]	[3.68]
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[1]	[0.96B]	[1.7J]	[1.1]		
LEAD	0.025(S)							
MAGNESIUM	35(G)							
MANGANESE	0.3(S)							
MERCURY	0.0007(S)							[0.00132]
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)							
SODIUM	20(S)		[98]	[160]	[150]	[190]	[13500]	[13300]
THALLIUM	0.0005(G)							[0.0272J]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0148-02 / SB915-MW-53I / 11/12/2013 / Regular sample	SB915-0163-05 / SB915-MW-53I / 2/18/2014 / Regular sample	SB915-0179-02 / SB915-MW-53I / 05/21/2014 / Regular sample	SB915-0197-04 / SB915-MW-53I / 08/26/2014 / Regular sample	SB915-0241-01 / SB915-MW-53I / 03/02/2015 / Regular sample	SB915-0256-05 / SB915-MW-53I / 05/13/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.0315J]	[0.091J]	[0.12]			
ARSENIC	0.025(S)	mg/L				[0.049J]		
BARIUM	1(S)	mg/L	[3.67]	[3.8]	[3.8]	[3.7]	[3.8]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L				[0.34]	[0.39]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L	[0.0372J]					
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						[0.00094]
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.086J]		
SILVER	0.05(S)	mg/L	[0.19]					
SODIUM	20(S)	mg/L	[12600J]	[13000]	[13000]	[7200]	[13000]	[1300]
THALLIUM	0.0005(G)	mg/L			[0.18J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0273-04	SB915-0291-05	SB915-0346-01	SB915-0363-01	SB915-0327-03	SB915-0306-02
		Location	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I
		Sample Date	08/03/2015	11/03/2015	08/22/2016	10/31/2016	05/27/2016	02/23/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.037J]			[0.066J]	[0.06J]
BARIUM	1(S)	mg/L	[3.6]	[3.7]	[3.9]	[2.8]	[3.7]	[3.8]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.27]		[0.23J]	[0.23J]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[1.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L			[0.24J]	[0.19J]	[0.19J]	[0.22J]
SELENIUM	0.01(S)	mg/L	[0.083J]	[0.098J]		[0.15]	[0.092J]	[0.1]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[13000]	[13000]	[13000]	[10000]	[13000]	[13000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0420-03	SB915-0376-03	SB915-0048-02	SB915-0069-08	SB915-0083-03	SB915-0274-05
		Location	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53I	SB915-MW-53S
		Sample Date	10/27/2017	02/23/2017	05/03/2012	07/31/2012	11/19/2012	08/04/2015
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[4]	[4.3]	[3.7]	[3.8]		
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.34]	[0.44]				
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[1.1J-]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L			[0.0014J]			
NICKEL	0.1(S)	mg/L	[0.25J]	[0.29J]				
SELENIUM	0.01(S)	mg/L	[0.22]	[0.25]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[14000]	[16000]	[14000]	[13000]	[14000]	[280]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0329-01	SB915-0307-08	SB915-0377-03	SB915-0106-07	SB915-0128-01	SB915-0139-08
		Location	SB915-MW-53S	SB915-MW-53S	SB915-MW-53S	SB915-MW-59S	SB915-MW-59S	SB915-MW-59S
		Sample Date	06/01/2016	02/24/2016	02/24/2017	5/15/2013	08/21/2013	10/29/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L				[13]	[13.6]	[11.1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L				[153]	[164]	[207]
MANGANESE	0.3(S)	mg/L				[0.626]	[0.725]	[0.819]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[280]	[260]	[290]	[1710]	[1950]	[1900]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0155-01 / SB915-MW-59S / 2/6/2014 / Regular sample	SB915-0175-06 / SB915-MW-59S / 05/15/2014 / Regular sample	SB915-0190-04 / SB915-MW-59S / 08/15/2014 / Regular sample	SB915-0224-03 / SB915-MW-59S / 12/03/2014 / Regular sample	SB915-0234-02 / SB915-MW-59S / 02/19/2015 / Regular sample	SB915-0255-06 / SB915-MW-59S / 05/12/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.023J]	[0.032J]				
ARSENIC	0.025(S)	mg/L					[0.03J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[13]	[14]	[13]	[10]	[9.9]	[11]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[130]	[150]	[180]	[180]	[170]
MANGANESE	0.3(S)	mg/L	[0.58]	[0.66]	[0.69]	[1.1]	[0.65]	[0.53]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.026J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2000]	[2100]	[2000]	[1800]	[1700]	[1700]
THALLIUM	0.0005(G)	mg/L	[0.013J]	[0.015J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0267-03 / SB915-MW-59S / 07/24/2015 / Regular sample / mg/L	SB915-0285-06 / SB915-MW-59S / 10/23/2015 / Regular sample / mg/L	SB915-0335-05 / SB915-MW-59S / 08/04/2016 / Regular Sample / mg/L	SB915-0355-06 / SB915-MW-59S / 10/17/2016 / Regular Sample / mg/L	SB915-0314-12 / SB915-MW-59S / 05/06/2016 / Regular Sample / mg/L	SB915-0298-06 / SB915-MW-59S / 02/11/2016 / Regular Sample / mg/L
ANTIMONY	0.003(G)					[0.036J]		
ARSENIC	0.025(S)		[0.039J]					[0.041J]
BARIUM	1(S)							
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[10]	[9.7]	[15]	[13]	[12]	[10]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[170]	[170]	[160]	[190]	[150]	[190]
MANGANESE	0.3(S)		[0.78]	[0.62]	[0.69]	[0.73J]	[0.76J]	[0.72]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							[0.031J]
SILVER	0.05(S)							
SODIUM	20(S)		[1900]	[1700]	[2000]	[2200]	[1800]	[1900]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0410-11 / SB915-MW-59S / 10/12/2017 / Regular Sample	SB915-0369-10 / SB915-MW-59S / 02/15/2017 / Regular Sample	SB915-0047-03 / SB915-MW-59S / 05/02/2012 / Regular sample	SB915-0062-08 / SB915-MW-59S / 07/24/2012 / Regular sample	SB915-0080-02 / SB915-MW-59S / 11/14/2012 / Regular sample	SB915-0107-03 / SB915-MW-60S / 5/16/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[12]	[13]	[13]	[13J]	[8.3]	[30.4]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[190J]	[130]	[210]	[120]	[47.6]
MANGANESE	0.3(S)	mg/L	[0.6]	[0.64]	[0.83]	[0.73]	[0.52]	[1.35]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.058J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1700J]	[2100J]	[2200B]	[2000]	[1500]	[1000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0128-02 / SB915-MW-60S / 08/21/2013 / Regular sample	SB915-0139-09 / SB915-MW-60S / 10/29/2013 / Regular sample	SB915-0155-04 / SB915-MW-60S / 2/6/2014 / Regular sample	SB915-0175-07 / SB915-MW-60S / 05/15/2014 / Regular sample	SB915-0193-03 / SB915-MW-60S / 08/20/2014 / Regular sample	SB915-0219-02 / SB915-MW-60S / 11/18/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0072J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[31.6]	[28.1]	[28]	[29]	[31]	[24]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[52.8]	[49.1]	[48]		[49J]	[43J]
MANGANESE	0.3(S)	mg/L	[1.34]	[1.2]	[1.2]	[1.1]	[1.3]	[0.96]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[992]	[953]	[1000]	[970]	[1000]	[910]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0234-01	SB915-0256-02	SB915-0275-02	SB915-0281-08	SB915-0338-07	SB915-0357-07
		Location	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S
		Sample Date	02/19/2015	05/13/2015	08/05/2015	10/19/2015	08/10/2016	10/19/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.037J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[27]	[2.5]	[29]	[26]	[24]	[23]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[46J]			[48J]	[42J]	[41J]
MANGANESE	0.3(S)	mg/L	[1.1]		[1.2]	[1.1]	[0.99]	[0.93]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[880]	[81]	[850]	[860]	[800]	[760]
THALLIUM	0.0005(G)	mg/L	[0.021J]					

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0314-11	SB915-0298-03	SB915-0410-10	SB915-0370-01	SB915-0047-04	SB915-0062-10
		Location	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S	SB915-MW-60S
		Sample Date	05/06/2016	02/11/2016	10/12/2017	02/15/2017	05/02/2012	07/24/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.041J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[26]	[29]	[27]	[35]	[35]	[35J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[42J]		[47J]	[52J]	[49]	[52]
MANGANESE	0.3(S)	mg/L	[1.2J]	[1.2]	[1.1]	[1.4]	[1.9]	[1.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.026J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[790]	[870]	[860J]	[1000J]	[1100B]	[1100]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0080-01 / SB915-MW-60S / 11/14/2012 / Regular sample / mg/L	SB915-0106-06 / SB915-MW-70D / 5/15/2013 / Regular sample / mg/L	SB915-0127-04 / SB915-MW-70D / 08/20/2013 / Regular sample / mg/L	SB915-0139-04 / SB915-MW-70D / 10/29/2013 / Regular sample / mg/L	SB915-0154-01 / SB915-MW-70D / 2/5/2014 / Regular sample / mg/L	SB915-0177-02 / SB915-MW-70D / 05/19/2014 / Regular sample / mg/L
ANTIMONY	0.003(G)	mg/L					[0.072]	[0.087J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L		[10.9]	[11.1]	[8.51]	[9.7]	[16]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23]	[75.8]	[76.2]	[75.2]	[70]	[83]
LEAD	0.025(S)	mg/L				[0.0423J]		
MAGNESIUM	35(G)	mg/L		[178]	[175]	[171]	[170]	[160]
MANGANESE	0.3(S)	mg/L	[0.97]	[2.75]	[2.71]	[2.61]	[2.3]	[2.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.018J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[840]	[9360]	[9560]	[9360]	[9400]	[11000]
THALLIUM	0.0005(G)	mg/L					[0.067J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0190-05 / SB915-MW-70D / 08/15/2014 / Regular sample	SB915-0217-02 / SB915-MW-70D / 11/14/2014 / Regular sample	SB915-0231-02 / SB915-MW-70D / 02/16/2015 / Regular sample	SB915-0255-01 / SB915-MW-70D / 05/12/2015 / Regular sample	SB915-0267-01 / SB915-MW-70D / 07/24/2015 / Regular sample	SB915-0281-05 / SB915-MW-70D / 10/19/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.055J]
ARSENIC	0.025(S)	mg/L	[0.05J]	[0.031J]				
BARIUM	1(S)	mg/L	[11]	[6.8]	[6.1]	[8.8]	[11]	[6.2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.26]	[0.23J]	[0.29]			
CYANIDE	0.2(S)	mg/L				[0.35J+]		
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[79]	[75]	[69]	[77]	[76]	[71]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[170]	[170]	[170]	[150]	[160]
MANGANESE	0.3(S)	mg/L	[2.4]	[2.2]	[2.3]	[2.2]	[2.3]	[2.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.037J+]			[0.096J+]	[0.085J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[10000]	[9500]	[9000]	[9500]	[9800]	[8500]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0335-03	SB915-0354-01	SB915-0314-10	SB915-0298-01	SB915-0411-05	SB915-0369-08
			Location	SB915-MW-70D	SB915-MW-70D	SB915-MW-70D	SB915-MW-70D	SB915-MW-70D	SB915-MW-70D
			Sample Date	08/04/2016	10/14/2016	05/06/2016	02/11/2016	10/13/2017	02/15/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.045J]				
ARSENIC	0.025(S)	mg/L				[0.053J]	[0.064J]		
BARIUM	1(S)	mg/L		[7.7]	[5.4]	[11]	[6.1]	[9.1]	[9.6]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L						[0.25]	[0.27]
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[76]	[82]	[73]	[73]	[89]	[80]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[170]	[190]	[140]	[170]	[170]	[170J]
MANGANESE	0.3(S)	mg/L		[2.2]	[2.7]	[2.3J]	[2.2]	[2.9J]	[2.7]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L						[0.1J]	
SELENIUM	0.01(S)	mg/L		[0.11]		[0.063J]	[0.067J]	[0.16]	[0.23]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[9400]	[10000]	[9400]	[8900]	[10000]	[9100J]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0047-02	SB915-0062-06	SB915-0079-01	SB915-0106-05	SB915-0127-03	SB915-0139-05
		Location	SB915-MW-70D	SB915-MW-70D	SB915-MW-70D	SB915-MW-70S	SB915-MW-70S	SB915-MW-70S
		Sample Date	05/02/2012	07/24/2012	11/13/2012	5/15/2013	08/20/2013	10/29/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L				[0.0279]		
BARIUM	1(S)	mg/L	[12]	[8.7]		[1.84]	[1]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[60]	[75J]	[54]	[24.5]	[20.3]	[18.1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[120]	[180]	[130]	[95.3]	[115]	[108]
MANGANESE	0.3(S)	mg/L	[2.3]	[2.7]	[1.7]	[0.717]	[0.668]	[0.533]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[10000B]	[9300]	[6700]	[2380]	[1590]	[1470]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0154-02 / SB915-MW-70S / 2/5/2014 / Regular sample	SB915-0177-01 / SB915-MW-70S / 05/19/2014 / Regular sample	SB915-0190-06 / SB915-MW-70S / 08/15/2014 / Regular sample	SB915-0217-01 / SB915-MW-70S / 11/14/2014 / Regular sample	SB915-0231-01 / SB915-MW-70S / 02/16/2015 / Regular sample	SB915-0255-02 / SB915-MW-70S / 05/12/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.01J]	[0.032J]				
ARSENIC	0.025(S)	mg/L			[0.039J]	[0.047J]	[0.049J]	[0.04J]
BARIUM	1(S)	mg/L	[1.9]		[1.5]			[2.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[22]	[28]	[21]	[18]	[21]	[25]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[86]	[110]	[89]	[110]	[100]	[91]
MANGANESE	0.3(S)	mg/L	[0.55]	[0.98]	[0.6]	[0.5]	[0.54]	[0.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.024J+]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1900]	[3300]	[1600]	[1500]	[1700]	[2200]
THALLIUM	0.0005(G)	mg/L		[0.032J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0267-02	SB915-0281-07	SB915-0335-04	SB915-0354-02	SB915-0314-09	SB915-0298-02
			Location	SB915-MW-70S	SB915-MW-70S	SB915-MW-70S	SB915-MW-70S	SB915-MW-70S	SB915-MW-70S
			Sample Date	07/24/2015	10/19/2015	08/04/2016	10/14/2016	05/06/2016	02/11/2016
			Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.035J]		[0.039J]		
ARSENIC	0.025(S)	mg/L		[0.051J]	[0.037J+]				[0.06J]
BARIUM	1(S)	mg/L				[1.1J]			[1.6J]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[25]	[17]	[19]	[20]	[25]	[22]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[87]	[100]	[88]	[120]	[80]	[88]
MANGANESE	0.3(S)	mg/L		[0.67]	[0.46]	[0.45]	[0.45]	[0.72J]	[0.52]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.026J]					
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[2100]	[1400]	[1400]	[1600]	[2200]	[1600]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0411-04 / SB915-MW-70S / 10/13/2017 / Regular Sample / mg/L	SB915-0369-06 / SB915-MW-70S / 02/15/2017 / Regular Sample / mg/L	SB915-0047-01 / SB915-MW-70S / 05/02/2012 / Regular sample / mg/L	SB915-0062-05 / SB915-MW-70S / 07/24/2012 / Regular sample / mg/L	SB915-0079-02 / SB915-MW-70S / 11/13/2012 / Regular sample / mg/L	SB915-0113-01 / SB915-MW-85D / 5/24/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)							[0.0336J]
ARSENIC	0.025(S)		[0.063J]	[0.048J]				
BARIUM	1(S)		[1.3J]	[4.1]	[1.6]			[34.3]
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[26]	[31]	[22]	[19J]	[13]	[98.2]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[110]	[96J]	[81]	[110]	[70]	[144]
MANGANESE	0.3(S)		[0.71J]	[0.74]	[0.85]	[0.68]	[0.4]	[3.33]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)			[0.038J]				
SILVER	0.05(S)							[0.0885J]
SODIUM	20(S)		[1700]	[2600J]	[2100B]	[1500]	[1200]	[11400]
THALLIUM	0.0005(G)							

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0132-05	SB915-0149-01	SB915-0167-01	SB915-0177-06	SB915-0200-01	SB915-0224-07
			Location	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D
			Sample Date	08/27/2013	11/13/2013	2/24/2014	05/19/2014	08/29/2014	12/03/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0331J]	[0.076J]	[0.11]		
ARSENIC	0.025(S)	mg/L		[0.0472J]				[0.033J]	[0.035J]
BARIUM	1(S)	mg/L		[33.6]	[33.5]	[31]	[33]	[34]	[33]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L						[0.31]	[0.28]
CYANIDE	0.2(S)	mg/L							[0.32]
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[97]	[97]	[93]	[98]	[97]	[99]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[145]	[146]	[140]	[150]	[140]	[150]
MANGANESE	0.3(S)	mg/L		[3.35]	[3.38]	[2.9]	[3.1]	[2.8]	[2.8]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L					[0.019J]	[0.051J]	[0.1]
SILVER	0.05(S)	mg/L			[0.18]				
SODIUM	20(S)	mg/L		[11000]	[12500J]	[11000]	[12000]	[12000]	[11000]
THALLIUM	0.0005(G)	mg/L		[0.0178J]			[0.14J]		

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0245-01	SB915-0263-01	SB915-0276-05	SB915-0287-04	SB915-0349-05	SB915-0355-04
			Location	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D	SB915-MW-85D
			Sample Date	03/06/2015	05/22/2015	08/06/2015	10/27/2015	08/25/2016	10/17/2016
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L				[0.078J]			[0.033J]
ARSENIC	0.025(S)	mg/L			[0.057J]		[0.1]		
BARIUM	1(S)	mg/L		[34]	[34]	[34]	[31]	[27]	[32]
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L		[0.33]	[0.2J]				
CYANIDE	0.2(S)	mg/L			[0.25]				
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[100]	[100]	[100]	[92]	[86]	[97]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[150]	[150]	[150]	[140]	[130]	[150]
MANGANESE	0.3(S)	mg/L		[2.8J]	[2.8]	[3.1]	[2.5]	[2.4]	[3.1J]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L						[0.11]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[12000]	[12000]	[11000]	[11000]	[9900]	[13000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0324-01 / SB915-MW-85D / 05/24/2016 / Regular Sample	SB915-0305-03 / SB915-MW-85D / 02/22/2016 / Regular Sample	SB915-0413-01 / SB915-MW-85D / 10/17/2017 / Regular Sample	SB915-0374-04 / SB915-MW-85D / 02/21/2017 / Regular Sample	SB915-0052-03 / SB915-MW-85D / 05/23/2012 / Regular sample	SB915-0068-02 / SB915-MW-85D / 07/30/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.073J]	[0.044J]	[0.041J]			
BARIUM	1(S)	mg/L	[31]	[32]	[31]	[34]	[36]	[34]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.29]	[0.35]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[89]	[97]	[98]	[100]	[80B]	[97J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[140]	[150]	[150]	[160]	[110]	[150]
MANGANESE	0.3(S)	mg/L	[2.7]	[2.8]	[3.3J]	[3.4]	[2.9]	[3.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L		[0.11J]	[0.13J]			
SELENIUM	0.01(S)	mg/L	[0.085J]	[0.084J]	[0.15]	[0.19]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[11000]	[12000]	[13000]	[11000]	[11000]
THALLIUM	0.0005(G)	mg/L						[0.026J]

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0078-02	SCA-0079-02	SCA-0087-02	SCA-0102A-01	SCA-0114-04	SCA-0125-01
			Location	SB915-MW-85D	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR
			Sample Date	11/12/2012	5/29/2013	8/29/2013	11/18/2013	2/26/2014	05/28/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0224J]			[0.088J]	[0.059J]
ARSENIC	0.025(S)	mg/L				[0.025J]			
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L			[1.18]				
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[5.2]			
IRON	0.3(S)	mg/L		[71]	[3.17]		[5.67]	[6.6J]	[5.6]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[110]	[700]	[924]	[851]	[1100J+]	[950]
MANGANESE	0.3(S)	mg/L		[2.4]	[4.54]	[6.95]	[7.05]	[8J]	[6.6]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L					[0.0679]		
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[8700]	[9130]	[9470]	[9800]	[11000]	[9700]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0137-02	SCA-0152-03	SCA-0165-02	SB915-0260-01	SB915-0274-01	SB915-0290-04
		Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR
		Sample Date	09/02/2014	12/09/2014	03/09/2015	05/19/2015	08/04/2015	10/30/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.063J]				
ARSENIC	0.025(S)	mg/L						[0.072J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						[1.4J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[5]	[5.8]	[5.5]	[6]	[5.7J-]	[5.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[870]	[930]	[920]	[930]	[920]	[900]
MANGANESE	0.3(S)	mg/L	[5.7]	[6.9]	[6.3]	[6.1]	[6]	[5.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.03J]	[0.046J]		[0.029J]	[0.04J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9000]	[10000]	[10000]	[9800]	[9300]	[9600]
THALLIUM	0.0005(G)	mg/L		[0.026J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0349-03	SB915-0365-01	SB915-0330-03	SB915-0308-03	SB915-0416-04	SB915-0374-05
			Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR
			Sample Date	08/25/2016	11/02/2016	06/02/2016	02/25/2016	10/20/2017	02/21/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L					[0.045J]		
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L	[1.8J]	[1.8J]	[1.4J]	[1.3J]	[1.5J]	[1.2J]	
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L	[7.5]	[7.3]	[5.9]	[5.4]	[6.4J]	[5.1]	
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L	[1100]	[1100]	[930]	[870]	[900]	[760]	
MANGANESE	0.3(S)	mg/L	[7.3]	[7.3J]	[6.6]	[6.2]	[7.1]	[5.8]	
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.1]		[0.036J]	[0.069J]	[0.081J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L	[11000]	[12000]	[10000]	[8800]	[8900J]	[8600]	
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0044-04	SCA-0052-03	SCA-0058-03	SCA-0079-03	SCA-0087-03	SCA-0102A-03
		Location	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87BR	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I
		Sample Date	05/07/2012	07/11/2012	11/26/2012	5/29/2013	8/29/2013	11/18/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.0204J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[1.05J]	[1.04]	[1.16]			
CADMIUM	0.005(S)	mg/L		[0.0118]				
CHROMIUM	0.05(S)	mg/L	[0.216]					
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L					[1.41]	
IRON	0.3(S)	mg/L	[3.56J]	[3.42J]	[3.77]	[1.09]		[1.02]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[912]	[717J]	[868J]	[63.7]	[66.7]	[61.3]
MANGANESE	0.3(S)	mg/L	[5.76]	[5.71]	[5.57J]			
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.156]	[0.0767]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9290]	[7650J]	[9450]	[405]	[445]	[378]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0114-02 / SB915-MW-87I / 2/26/2014 / Regular sample	SCA-0125-02 / SB915-MW-87I / 05/28/2014 / Regular sample	SCA-0137-01 / SB915-MW-87I / 09/02/2014 / Regular sample	SCA-0152-02 / SB915-MW-87I / 12/09/2014 / Regular sample	SCA-0165-03 / SB915-MW-87I / 03/09/2015 / Regular sample	SCA-0176-04 / SB915-MW-87I / 05/26/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.1J]	[1.5]	[0.97J]	[0.88]	[0.84J]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[60J+]	[64]	[59]	[58]	[57]	[61]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[410]	[390]	[370]	[360]	[340]	[360]
THALLIUM	0.0005(G)	mg/L		[0.016J]				

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0184-06	SCA-0194-05	SCA-0216-07	SCA-0223-06	SCA-0210-06	SCA-0201-03
		Location	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I
		Sample Date	08/14/2015	11/16/2015	08/29/2016	11/04/2016	06/06/2016	03/02/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L					[0.048J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						[2J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[2.3]	[0.92J]	[1.2]	[1.2]	[1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[64]	[51]	[62]	[61]	
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[32]	[290J+]	[280]	[320]	[340]	[320]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0251-01 / SB915-MW-87I / 10/31/2017 / Regular Sample / mg/L	SCA-0231-08 / SB915-MW-87I / 02/27/2017 / Regular Sample / mg/L	SCA-0044-03 / SB915-MW-87I / 05/07/2012 / Regular sample / mg/L	SCA-0052-04 / SB915-MW-87I / 07/11/2012 / Regular sample / mg/L	SCA-0058-05 / SB915-MW-87I / 11/26/2012 / Regular sample / mg/L	SCA-0079-01 / SB915-MW-87S / 5/29/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)							
ARSENIC	0.025(S)							
BARIUM	1(S)							
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[1.4]	[1.7]	[0.996J]	[1J]	[1.03]	[0.401J]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[64]	[57]	[50.8]	[60.6J]	[56.1J]	
MANGANESE	0.3(S)							
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)							
SODIUM	20(S)		[330]	[290]	[378]	[403J]	[413]	[50]
THALLIUM	0.0005(G)				[0.003J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0087-01 / SB915-MW-87S / 8/29/2013 / Regular sample	SCA-0102A-02 / SB915-MW-87S / 11/18/2013 / Regular sample	SCA-0114-01 / SB915-MW-87S / 2/26/2014 / Regular sample	SCA-0125-04 / SB915-MW-87S / 05/28/2014 / Regular sample	SCA-0138-01 / SB915-MW-87S / 09/03/2014 / Regular sample	SCA-0152-01 / SB915-MW-87S / 12/09/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[0.35J]			
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[46.1]	[47.7]	[47J]	[58]	[41J]	[37]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0165-01 / SB915-MW-87S / 03/09/2015 / Regular sample	SCA-0176-01 / SB915-MW-87S / 05/26/2015 / Regular sample	SCA-0194-04 / SB915-MW-87S / 11/16/2015 / Regular sample	SCA-0216-01 / SB915-MW-87S / 08/29/2016 / Regular Sample	SCA-0224-01 / SB915-MW-87S / 11/07/2016 / Regular Sample	SCA-0210-05 / SB915-MW-87S / 06/06/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[37J]	[47J]	[37J+]	[52]	[59]	[58]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0201-01 / SB915-MW-87S / 03/02/2016 / Regular Sample	SCA-0251-02 / SB915-MW-87S / 10/31/2017 / Regular Sample	SCA-0232-01 / SB915-MW-87S / 02/28/2017 / Regular Sample	SCA-0044-01 / SB915-MW-87S / 05/07/2012 / Regular sample	SCA-0052-02 / SB915-MW-87S / 07/11/2012 / Regular sample	SCA-0058-04 / SB915-MW-87S / 11/26/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L					[0.643J]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[68]	[74]	[47J]	[47.6]	[47.7J]	[48.7]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0080-06	SCA-0088-04	SCA-0104-01	SCA-0119-02	SCA-0126-04	SCA-0139-02
		Location	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR	SB915-MW-88BR
		Sample Date	5/30/2013	8/30/2013	11/20/2013	3/5/2014	05/29/2014	09/04/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L	[0.0177J]	[0.0226J]			[0.052J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L					[0.0033J]	
BORON	1(S)	mg/L	[3.06]	[1.82]	[1.82]	[3.2]	[3.2]	[3]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L		[10.6]				
IRON	0.3(S)	mg/L	[9.65]		[9.9]	[11]	[9.9]	[9.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[629]	[725]	[653]	[750J]	[700]	[670]
MANGANESE	0.3(S)	mg/L	[5.79]	[6.65]	[6.3]	[6.1J]	[6]	[5.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.0702]	[0.053J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7710]	[3560]	[7690]	[8300]	[7600]	[7300]
THALLIUM	0.0005(G)	mg/L					[0.036J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0156-01 / SB915-MW-88BR / 12/12/2014 / Regular sample / mg/L	SCA-0166-05 / SB915-MW-88BR / 03/10/2015 / Regular sample / mg/L	SB915-0262-01 / SB915-MW-88BR / 05/21/2015 / Regular sample / mg/L	SB915-0274-02 / SB915-MW-88BR / 08/04/2015 / Regular sample / mg/L	SB915-0293-02 / SB915-MW-88BR / 11/05/2015 / Regular sample / mg/L	SB915-0345-04 / SB915-MW-88BR / 08/19/2016 / Regular Sample / mg/L
ANTIMONY	0.003(G)		[0.047J]					
ARSENIC	0.025(S)							
BARIUM	1(S)							
BERYLLIUM	0.003(G)							
BORON	1(S)		[2.9]	[3.1]	[3.2J]	[3.2]	[3.1]	[2.9]
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[8.7]	[8.2]	[9.6]	[9.5J-]	[10]	[9.5J]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[660]	[690]	[700]	[700]	[690]	[700]
MANGANESE	0.3(S)		[5.8]	[5.7]	[5.7]	[5.6]	[5.4]	[6.1]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)					[0.046J]		
SILVER	0.05(S)							
SODIUM	20(S)		[7200]	[7700]	[7700]	[7300]	[7700]	[7500]
THALLIUM	0.0005(G)		[0.02J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0365-03 / SB915-MW-88BR / 11/02/2016 / Regular Sample	SB915-0330-08 / SB915-MW-88BR / 06/02/2016 / Regular Sample	SB915-0308-02 / SB915-MW-88BR / 02/25/2016 / Regular Sample	SB915-0419-08 / SB915-MW-88BR / 10/26/2017 / Regular Sample	SB915-0378-01 / SB915-MW-88BR / 02/27/2017 / Regular Sample	SCA-0045-04 / SB915-MW-88BR / 05/08/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.5]	[2.9]	[2.8]	[3.5]	[3.4]	[2.79J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						[0.195J]
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[9.9]	[9.9]	[10]	[12]	[11]	[11.1J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[740]	[710]	[660]	[710]	[770]	[746]
MANGANESE	0.3(S)	mg/L	[5.8J]	[6]	[5.8]	[7J]	[7.1]	[6.24]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.096J]			[0.13]	[0.13]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[8100]	[7900]	[7000]	[8600]	[8000]	[7140]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0053-04 / SB915-MW-88BR / 07/12/2012 / Regular sample	SCA-0060-05 / SB915-MW-88BR / 11/28/2012 / Regular sample	SCA-0080-05 / SB915-MW-88D / 5/30/2013 / Regular sample	SCA-0090-03 / SB915-MW-88D / 9/4/2013 / Regular sample	SCA-0103-02 / SB915-MW-88D / 11/19/2013 / Regular sample	SCA-0115-02 / SB915-MW-88D / 2/27/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0143J]		[0.0113J]		[0.022J]
ARSENIC	0.025(S)	mg/L	[0.0262J]					
BARIUM	1(S)	mg/L			[3.35]	[2.44]	[2.56]	[4.2]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.59]	[3.07]				
CADMIUM	0.005(S)	mg/L		[0.0074]				
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[17.4]		
IRON	0.3(S)	mg/L	[10J]	[9.17]	[18.8]		[17]	[21J]
LEAD	0.025(S)	mg/L	[0.0817]					
MAGNESIUM	35(G)	mg/L	[702J]	[579J]	[239]	[217]	[221]	[270J+]
MANGANESE	0.3(S)	mg/L	[5.73]	[4.93J]	[1.79]	[1.94]	[1.76]	[2J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6440J]	[6310]	[1810]	[1700]	[1830]	[2100]
THALLIUM	0.0005(G)	mg/L	[0.0695J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0126-03 / SB915-MW-88D / 05/29/2014 / Regular sample	SCA-0139-01 / SB915-MW-88D / 09/04/2014 / Regular sample	SCA-0154-03 / SB915-MW-88D / 12/10/2014 / Regular sample	SCA-0166-06 / SB915-MW-88D / 03/10/2015 / Regular sample	SCA-0177-05 / SB915-MW-88D / 05/27/2015 / Regular sample	SCA-0185-05 / SB915-MW-88D / 08/17/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.025J]					[0.029J]
ARSENIC	0.025(S)	mg/L		[0.037J]	[0.044J]		[0.045J]	
BARIUM	1(S)	mg/L	[4.1]	[2.6]	[2.7]	[2.4]	[2]	[2.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[18]	[15]	[20]	[16]	[16]	[17]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[380]	[220]	[260]	[270]	[250]	[260]
MANGANESE	0.3(S)	mg/L	[0.92]	[1.4]	[1.7]	[1.4]	[1.2]	[1.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2000]	[1700]	[2000]	[1700]	[1600]	[1700]
THALLIUM	0.0005(G)	mg/L	[0.032J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0197-01	SCA-0216-05	SCA-0223-07	SCA-0211-03	SCA-0202-04	SCA-0250-01
		Location	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D	SB915-MW-88D
		Sample Date	11/19/2015	08/29/2016	11/04/2016	06/07/2016	03/03/2016	10/30/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1J]			[1.7J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[15]	[17]	[17]	[11]	[17]	[21]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[230]	[220]	[220]	[180]	[280]	[300]
MANGANESE	0.3(S)	mg/L	[1.3]	[1.4]	[1.4]	[0.9]	[1.4]	[1.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.029J]				[0.026J]	[0.049J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1400J+]	[1500]	[1500]	[1100]	[1700]	[1900]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0231-07 / SB915-MW-88D / 02/27/2017 / Regular Sample	SCA-0045-03 / SB915-MW-88D / 05/08/2012 / Regular sample	SCA-0053-03 / SB915-MW-88D / 07/12/2012 / Regular sample	SCA-0060-06 / SB915-MW-88D / 11/28/2012 / Regular sample	SCA-0080-03 / SB915-MW-88I / 5/30/2013 / Regular sample	SCA-0088-03 / SB915-MW-88I / 8/30/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L				[0.0046J]		
ARSENIC	0.025(S)	mg/L	[0.055J]					
BARIUM	1(S)	mg/L	[1.2J]	[6.11]	[3.24]	[2.13J]	[4.45]	[3.68]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						[8.56]
IRON	0.3(S)	mg/L	[17]	[16.9J]	[16J]	[14.2]	[9.85]	
LEAD	0.025(S)	mg/L			[0.0392]			
MAGNESIUM	35(G)	mg/L	[250]	[241]	[277J]	[176J]	[158]	[142]
MANGANESE	0.3(S)	mg/L	[1.4]	[1.69]	[1.76]	[1.43J]	[1.81]	[1.81]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.076J]					
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1700J]	[2000]	[1890J]	[1560]	[633]	[608]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0103-01 / SB915-MW-88I / 11/19/2013 / Regular sample	SCA-0115-01 / SB915-MW-88I / 2/27/2014 / Regular sample	SCA-0126-02 / SB915-MW-88I / 05/29/2014 / Regular sample	SCA-0139-03 / SB915-MW-88I / 09/04/2014 / Regular sample	SCA-0154-01 / SB915-MW-88I / 12/10/2014 / Regular sample	SCA-0166-02 / SB915-MW-88I / 03/10/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[4.49]	[4.8]	[2.5]	[2.5]	[3.4]	[3.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[9.74]	[11J]	[11]	[8.4]	[8.1]	[6.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[112]	[120J+]	[190]	[150]	[130]	[94]
MANGANESE	0.3(S)	mg/L	[1.55]	[1.7J]	[1.5]	[1.3]	[1.3]	[1.1]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[561]	[700]	[910]	[670]	[620]	[510]
THALLIUM	0.0005(G)	mg/L			[0.035J]			

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0177-03 / SB915-MW-88I / 05/27/2015 / Regular sample	SCA-0185-04 / SB915-MW-88I / 08/17/2015 / Regular sample	SCA-0197-03 / SB915-MW-88I / 11/19/2015 / Regular sample	SCA-0216-08 / SB915-MW-88I / 08/29/2016 / Regular Sample	SCA-0223-04 / SB915-MW-88I / 11/04/2016 / Regular Sample	SCA-0212-03 / SB915-MW-88I / 06/08/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L		[0.033J]				
ARSENIC	0.025(S)	mg/L	[0.04J]					
BARIUM	1(S)	mg/L	[3.4]	[2.8]	[2.1]	[3]	[3.5]	[3.5]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.2]	[6.2]	[4.8]	[7.3]	[8.1]	[10]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[180]	[140]	[84]	[130]	[120]	[210]
MANGANESE	0.3(S)	mg/L	[1.7]	[1.2]	[0.84]	[1.2]	[1.2]	[1.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[620]	[490]	[330J+]	[520]	[540]	[690]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0202-03 / SB915-MW-88I / 03/03/2016 / Regular Sample	SCA-0250-04 / SB915-MW-88I / 10/30/2017 / Regular Sample	SCA-0231-04 / SB915-MW-88I / 02/27/2017 / Regular Sample	SCA-0045-02 / SB915-MW-88I / 05/08/2012 / Regular sample	SCA-0053-02 / SB915-MW-88I / 07/12/2012 / Regular sample	SCA-0060-02 / SB915-MW-88I / 11/28/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.051J]			
BARIUM	1(S)	mg/L	[3.8]	[2.5]	[3.4]	[6.43]	[5.37]	[5.09J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L	[0.08]					
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.2]	[7.5]	[9.2]	[8.43J]	[7.53J]	[9.03]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[120]	[140]	[190]	[134]	[127J]	[91.3J]
MANGANESE	0.3(S)	mg/L	[1.4]	[1.2]	[1.7]	[1.93]	[1.72]	[1.49J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.0124]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[540]	[650]	[610J]	[756]	[876J]	[569]
THALLIUM	0.0005(G)	mg/L						

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0080-04 / SB915-MW-88S / 5/30/2013 / Regular sample	SCA-0088-02 / SB915-MW-88S / 8/30/2013 / Regular sample	SCA-0103-03 / SB915-MW-88S / 11/19/2013 / Regular sample	SCA-0115-03 / SB915-MW-88S / 2/27/2014 / Regular sample	SCA-0126-01 / SB915-MW-88S / 05/29/2014 / Regular sample	SCA-0139-04 / SB915-MW-88S / 09/04/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L		[1.67]				
IRON	0.3(S)	mg/L	[2.85]		[1.85]	[2J]	[0.93J]	[2.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[0.386]	[0.391]	[0.416]		[0.34]	[0.31]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[134]	[173]	[173]	[140]	[160]	[130]
THALLIUM	0.0005(G)	mg/L		[0.0151J]				

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0154-02 / SB915-MW-88S / 12/10/2014 / Regular sample	SCA-0166-07 / SB915-MW-88S / 03/10/2015 / Regular sample	SCA-0177-04 / SB915-MW-88S / 05/27/2015 / Regular sample	SCA-0185-06 / SB915-MW-88S / 08/17/2015 / Regular sample	SCA-0194-01 / SB915-MW-88S / 11/16/2015 / Regular sample	SCA-0216-06 / SB915-MW-88S / 08/29/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L				[0.032J]		
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.36J]				[0.71J]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						[0.33]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.019J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[150]	[100]	[85]	[82]	[91J+]	[130]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0223-01 / SB915-MW-88S / 11/04/2016 / Regular Sample	SCA-0211-05 / SB915-MW-88S / 06/07/2016 / Regular Sample	SCA-0202-02 / SB915-MW-88S / 03/03/2016 / Regular Sample	SCA-0250-07 / SB915-MW-88S / 10/30/2017 / Regular Sample	SCA-0231-06 / SB915-MW-88S / 02/27/2017 / Regular Sample	SCA-0045-01 / SB915-MW-88S / 05/08/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.54J]		[0.71J]		[2.27J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L				[36J]		[39.2]
MANGANESE	0.3(S)	mg/L		[0.36]		[0.32]		[0.452]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[120]	[130]	[92]	[170]	[100J]	[192]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0053-01 / SB915-MW-88S / 07/12/2012 / Regular sample	SCA-0060-01 / SB915-MW-88S / 11/28/2012 / Regular sample	SCA-0082-03 / SB915-MW-89BR / 6/3/2013 / Regular sample	SCA-0090-02 / SB915-MW-89BR / 9/4/2013 / Regular sample	SCA-0106-01 / SB915-MW-89BR / 11/22/2013 / Regular sample	SCA-0116-01 / SB915-MW-89BR / 2/28/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L				[0.018J]		[0.05J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[6.24]	[5.19]	[4.73]	[5.6]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[26.9]		
IRON	0.3(S)	mg/L	[1.92J]	[2.16]	[23.9]		[26.3]	[24J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[36.9J]		[1300]	[1360]	[1270]	[1100J+]
MANGANESE	0.3(S)	mg/L	[0.455]		[8.85]	[9.02]	[8.8]	[7.1J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.0244J]		[0.0684]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[194J]	[155]	[12400]	[11900]	[12600]	[10000]
THALLIUM	0.0005(G)	mg/L			[0.052]			

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SCA-0127-01	SCA-0140-04	SCA-0156-03	SCA-0168-01	SB915-0262-02	SB915-0274-03
			Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR
			Sample Date	05/30/2014	09/05/2014	12/12/2014	03/12/2015	05/21/2015	08/04/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.075J]		[0.055J]			
ARSENIC	0.025(S)	mg/L			[0.032J]			[0.061J]	
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[6.2]	[5.8]	[6.4]	[6.1]	[6.4J]	[6.3]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[28]	[24]	[28]	[24]	[27]	[26J-]
LEAD	0.025(S)	mg/L							[0.4J]
MAGNESIUM	35(G)	mg/L		[1300]	[1200]	[1400]	[1300]	[1300]	[1300]
MANGANESE	0.3(S)	mg/L		[7.9]	[6.6]	[8.6]	[7.4]	[7.3]	[7.3]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							[0.022J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[13000]	[12000]	[13000]	[12000]	[12000]	[12000]
THALLIUM	0.0005(G)	mg/L		[0.11J]		[0.016J]			[0.091J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0294-03	SB915-0344-02	SB915-0366-01	SB915-0325-05	SB915-0308-04	SB915-0416-06
			Location	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR	SB915-MW-89BR
			Sample Date	11/06/2015	08/18/2016	11/03/2016	05/25/2016	02/25/2016	10/20/2017
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L						[0.038J]	
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[5.8]	[6]	[5.5]	[5.8]	[5.8]	[6.2]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[24]	[27J]	[22]	[26]	[24]	[27J]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[1200]	[1300]	[1100]	[1200]	[1100]	[1200]
MANGANESE	0.3(S)	mg/L		[6.4]	[8.2]	[6.1J]	[7.3]	[7.2]	[8.4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L				[0.087J]			[0.052J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[12000]	[12000]	[10000]	[12000]	[11000]	[11000J]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0374-01 / SB915-MW-89BR / 02/21/2017 / Regular Sample / mg/L	SCA-0046-04 / SB915-MW-89BR / 05/09/2012 / Regular sample / mg/L	SCA-0055-07 / SB915-MW-89BR / 07/14/2012 / Regular sample / mg/L	SCA-0061-04 / SB915-MW-89BR / 11/29/2012 / Regular sample / mg/L	SCA-0081-03 / SB915-MW-89D / 5/31/2013 / Regular sample / mg/L	SCA-0090-01 / SB915-MW-89D / 9/4/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)			[0.129]		[0.0066]		
ARSENIC	0.025(S)							
BARIUM	1(S)						[2.11]	[2.25]
BERYLLIUM	0.003(G)							
BORON	1(S)		[6.8]	[5.8J]	[4.93]			
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							[4.38]
IRON	0.3(S)		[28]	[24.5J]	[21.2]	[15.6]	[0.487J]	
LEAD	0.025(S)							
MAGNESIUM	35(G)		[1300J]	[1390]	[1300]	[115J]	[140]	[154]
MANGANESE	0.3(S)		[8.6]	[8.42]	[8.03]	[0.697J]	[8.12]	[8.2]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)		[0.12]	[0.247]	[0.0494J]			
SILVER	0.05(S)							
SODIUM	20(S)		[13000]	[12200]	[11700]	[10300]	[1020]	[894]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0106-03 / SB915-MW-89D / 11/22/2013 / Regular sample	SCA-0116-02 / SB915-MW-89D / 2/28/2014 / Regular sample	SCA-0127-02 / SB915-MW-89D / 05/30/2014 / Regular sample	SCA-0140-03 / SB915-MW-89D / 09/05/2014 / Regular sample	SCA-0155-01 / SB915-MW-89D / 12/11/2014 / Regular sample	SCA-0168-04 / SB915-MW-89D / 03/12/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.93]	[2.4]	[2.2]	[2.1]	[2.6]	[2.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.21]	[1.3J]	[1.2]	[0.88J]	[0.82J]	[0.54J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[135]	[160J+]	[140]	[140]	[160]	[140]
MANGANESE	0.3(S)	mg/L	[7.48]	[8.9J]	[7.3]	[6.8]	[8.3]	[7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.02J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[960]	[1100]	[960]	[930]	[1000]	[840]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0178-03 / SB915-MW-89D / 05/29/2015 / Regular sample	SCA-0186-03 / SB915-MW-89D / 08/18/2015 / Regular sample	SCA-0195-01 / SB915-MW-89D / 11/17/2015 / Regular sample	SCA-0217-02 / SB915-MW-89D / 08/30/2016 / Regular Sample	SCA-0225-05 / SB915-MW-89D / 11/08/2016 / Regular Sample	SCA-0212-01 / SB915-MW-89D / 06/08/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.2]	[2.4]	[2.3]	[2.9]	[2.4]	[3.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.64J]	[1]	[1.1]	[0.87J]	[1.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[150]	[140]	[140]	[190]	[160]	[190]
MANGANESE	0.3(S)	mg/L	[7.1]	[6.7]	[6.7]	[8]	[6.5]	[8.8]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[860]	[820]	[790J+]	[990]	[830]	[1100]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0203-03 / SB915-MW-89D / 03/04/2016 / Regular Sample	SCA-0253-02 / SB915-MW-89D / 11/02/2017 / Regular Sample	SCA-0232-04 / SB915-MW-89D / 02/28/2017 / Regular Sample	SCA-0046-03 / SB915-MW-89D / 05/09/2012 / Regular sample	SCA-0055-06 / SB915-MW-89D / 07/14/2012 / Regular sample	SCA-0061-02 / SB915-MW-89D / 11/29/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.0066]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.5]	[2.5]	[2.4]	[2.16]	[1.94]	[1.98J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.88J]	[0.9J]	[0.968J]	[0.952]	[0.976]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[160]	[200]	[180]	[155]	[139]	[129J]
MANGANESE	0.3(S)	mg/L	[7.4]	[7.7]	[7.2]	[7.81]	[7.45]	[7.43J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.0188J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[850]	[970]	[900]	[1060]	[779]	[926]
THALLIUM	0.0005(G)	mg/L				[0.009J]		

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0081-06	SCA-0089-02	SCA-0106-04	SCA-0116-03	SCA-0127-05	SCA-0140-02
		Location	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I	SB915-MW-89I
		Sample Date	5/31/2013	9/3/2013	11/22/2013	2/28/2014	05/30/2014	09/05/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.66]					[0.51J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[118]	[97.3]	[111]	[72J+]	[99]	[97]
MANGANESE	0.3(S)	mg/L	[4.14]	[3.68]	[3.8]	[2.5J]	[3.1]	[2.9]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.033J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[727]	[595]	[646]	[460]	[580]	[520]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0155-02 / SB915-MW-89I / 12/11/2014 / Regular sample	SCA-0168-02 / SB915-MW-89I / 03/12/2015 / Regular sample	SCA-0178-02 / SB915-MW-89I / 05/29/2015 / Regular sample	SCA-0186-02 / SB915-MW-89I / 08/18/2015 / Regular sample	SCA-0195-02 / SB915-MW-89I / 11/17/2015 / Regular sample	SCA-0218-01 / SB915-MW-89I / 08/31/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[90]	[96]	[96]	[91]	[73]	[89]
MANGANESE	0.3(S)	mg/L	[2.7]	[2.9]	[2.8]	[2.7]	[2]	[2.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[460]	[490]	[490]	[510]	[350J+]	[450]
THALLIUM	0.0005(G)	mg/L						[0.027J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0225-03 / SB915-MW-89I / 11/08/2016 / Regular Sample	SCA-0212-05 / SB915-MW-89I / 06/08/2016 / Regular Sample	SCA-0203-04 / SB915-MW-89I / 03/04/2016 / Regular Sample	SCA-0253-01 / SB915-MW-89I / 11/02/2017 / Regular Sample	SCA-0231-09 / SB915-MW-89I / 02/27/2017 / Regular Sample	SCA-0046-02 / SB915-MW-89I / 05/09/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						[0.531J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[69]	[98]	[100]	[55]	[64]	[101]
MANGANESE	0.3(S)	mg/L	[1.8]	[2.9]	[2.7]	[1.4]	[1.6]	[3.53]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[350]	[560]	[460]	[270]	[340]	[564]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0055-05 / SB915-MW-89I / 07/14/2012 / Regular sample	SCA-0061-03 / SB915-MW-89I / 11/29/2012 / Regular sample	SCA-0081-01 / SB915-MW-89S / 5/31/2013 / Regular sample	SCA-0089-01 / SB915-MW-89S / 9/3/2013 / Regular sample	SCA-0106-02 / SB915-MW-89S / 11/22/2013 / Regular sample	SCA-0116-04 / SB915-MW-89S / 2/28/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0038J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						[0.1]
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[1.35]		
IRON	0.3(S)	mg/L					[0.688]	[11J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[85.1]	[103J]				[39J+]
MANGANESE	0.3(S)	mg/L	[3.59]	[3.68J]	[0.774]	[0.379]	[0.566]	[0.67J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.0158]	[0.0129]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[549]	[603]	[166]	[156]	[146]	[130]
THALLIUM	0.0005(G)	mg/L	[0.002J]	[0.0018J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0127-03 / SB915-MW-89S / 05/30/2014 / Regular sample	SCA-0140-01 / SB915-MW-89S / 09/05/2014 / Regular sample	SCA-0155-03 / SB915-MW-89S / 12/11/2014 / Regular sample	SCA-0168-03 / SB915-MW-89S / 03/12/2015 / Regular sample	SCA-0178-01 / SB915-MW-89S / 05/29/2015 / Regular sample	SCA-0186-05 / SB915-MW-89S / 08/18/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.81J]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[36J]				
MANGANESE	0.3(S)	mg/L	[0.67]	[0.7]	[0.69]	[0.58]	[0.63]	[0.53]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.018J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[150]	[150]	[170]	[140]	[130]	[110]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0195-03 / SB915-MW-89S / 11/17/2015 / Regular sample	SCA-0218-03 / SB915-MW-89S / 08/31/2016 / Regular Sample	SCA-0225-02 / SB915-MW-89S / 11/08/2016 / Regular Sample	SCA-0212-04 / SB915-MW-89S / 06/08/2016 / Regular Sample	SCA-0206-03 / SB915-MW-89S / 03/09/2016 / Regular Sample	SCA-0256-04 / SB915-MW-89S / 11/08/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L				[2.4]		
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[0.4]	[0.39]	[0.48]	[0.43]	[0.44]	[0.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[81J+]	[80]	[95]	[93]	[99]	[110]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0231-10 / SB915-MW-89S / 02/27/2017 / Regular Sample / mg/L	SCA-0046-01 / SB915-MW-89S / 05/09/2012 / Regular sample / mg/L	SCA-0055-04 / SB915-MW-89S / 07/14/2012 / Regular sample / mg/L	SCA-0061-01 / SB915-MW-89S / 11/29/2012 / Regular sample / mg/L	SCA-0083-01 / SB915-MW-90BR / 6/4/2013 / Regular sample / mg/L	SCA-0091-01 / SB915-MW-90BR / 9/5/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)	mg/L						[0.0103J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L					[2.06]	[1.3]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						[9.43]
IRON	0.3(S)	mg/L		[0.728J]			[8.85]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L					[906]	[954]
MANGANESE	0.3(S)	mg/L	[0.64]	[0.646]	[0.648]	[0.576J]	[6.07]	[6.25]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[110]	[127]	[127]	[107]	[7600]	[7340]
THALLIUM	0.0005(G)	mg/L					[0.0325J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0108-04 / SB915-MW-90BR / 12/03/2013 / Regular sample	SCA-0117-01 / SB915-MW-90BR / 3/3/2014 / Regular sample	SCA-0130-01 / SB915-MW-90BR / 06/04/2014 / Regular sample	SCA-0141-06 / SB915-MW-90BR / 09/08/2014 / Regular sample	SCA-0156-02 / SB915-MW-90BR / 12/12/2014 / Regular sample	SCA-0169-04 / SB915-MW-90BR / 03/13/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.044J]	[0.03J]		[0.034J]	
ARSENIC	0.025(S)	mg/L				[0.052J]		
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.03]		[2.1]		[1.8J]	[2]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[10.2]	[7.8J]	[9.2]	[12]	[8.2]	[8.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[968]	[740J+]	[890]	[930]	[800]	[890]
MANGANESE	0.3(S)	mg/L	[6.18]	[4.6J]	[5.7]	[5.3]	[5]	[5.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.037J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7940]	[6000]	[7800]	[7200]	[6800]	[7800]
THALLIUM	0.0005(G)	mg/L			[0.036J]			

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0262-06	SB915-0274-04	SB915-0294-04	SB915-0366-02	SB915-0325-04	SB915-0309-02
		Location	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR
		Sample Date	05/21/2015	08/04/2015	11/06/2015	11/03/2016	05/25/2016	02/26/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.045J]		[0.049J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.1J]	[2.1]	[2]	[2.1]	[1.9J]	[1.8J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.8]	[9.3J-]	[12]	[9.5]	[8.9]	[9.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[890]	[910]	[850]	[950]	[840]	[850]
MANGANESE	0.3(S)	mg/L	[5.1]	[5.3]	[4.9]	[5.6J]	[5.1]	[5.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.04J]		[0.095J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7400]	[7100]	[7400]	[7800]	[7100]	[6900]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0419-07	SB915-0374-02	SCA-0047-04	SCA-0056-04	SCA-0062-04	SCA-0083-04
			Location	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90BR	SB915-MW-90I
			Sample Date	10/26/2017	02/21/2017	05/10/2012	07/17/2012	11/30/2012	6/4/2013
			Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[2.6]	[2]	[1.73J]	[1.66]	[1.84]	
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L				[0.14J]			
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[10]	[8.9]	[8.92J]	[10.8J]	[10.9]	[2.61]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[1100]	[900J]	[884]	[809J]	[949]	[82.4]
MANGANESE	0.3(S)	mg/L		[7.5J]	[6]	[5.58]	[5.25J]	[5.96]	[1.2]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.078J]	[0.09J]	[0.0345J]	[0.0294J]	[0.0514J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[9600]	[8100]	[7040]	[4390]	[7070]	[825]
THALLIUM	0.0005(G)	mg/L						[0.017J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0091-03 / SB915-MW-90I / 9/5/2013 / Regular sample	SCA-0108-02 / SB915-MW-90I / 12/03/2013 / Regular sample	SCA-0117-06 / SB915-MW-90I / 3/3/2014 / Regular sample	SCA-0130-03 / SB915-MW-90I / 06/04/2014 / Regular sample	SCA-0141-01 / SB915-MW-90I / 09/08/2014 / Regular sample	SCA-0157-02 / SB915-MW-90I / 12/15/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.026J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L	[2.57]					
IRON	0.3(S)	mg/L		[2.74]	[2.5J]	[3.2]	[2.9]	[3.3]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[79.5]	[74.8]	[63J+]	[80]	[81]	[87]
MANGANESE	0.3(S)	mg/L	[1.13]	[1.04]	[0.92J]	[1.3]	[1.2]	[1.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[752]	[792]	[720]	[890]	[830]	[920]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0169-02 / SB915-MW-90I / 03/13/2015 / Regular sample	SCA-0180-05 / SB915-MW-90I / 06/02/2015 / Regular sample	SCA-0187-01 / SB915-MW-90I / 08/19/2015 / Regular sample	SCA-0197-08 / SB915-MW-90I / 11/19/2015 / Regular sample	SCA-0228-06 / SB915-MW-90I / 11/10/2016 / Regular Sample	SCA-0213-07 / SB915-MW-90I / 06/09/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.047J]				[0.048J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.9]	[3]	[3.1]	[2.9]	[3]	[2.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[90]	[82]	[80]	[73]	[78]	[69]
MANGANESE	0.3(S)	mg/L	[1.3]	[1.2]	[1.2]	[1.1]	[1.2]	[1]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[860]	[840]	[800]	[730J+]	[830]	[670]
THALLIUM	0.0005(G)	mg/L		[0.019J]				

NOTES:
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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0204-01	SCA-0251-03	SCA-0233-01	SCA-0047-02	SCA-0056-06	SCA-0062-02
		Location	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I	SB915-MW-90I
		Sample Date	03/07/2016	10/31/2017	03/01/2017	05/10/2012	07/17/2012	11/30/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.043J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[4.5]	[4.5]	[4.1]	[2.15J]	[1.84J]	[2.14]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[98]	[100]	[91]	[89.3]	[75.1J]	[76.3]
MANGANESE	0.3(S)	mg/L	[1.5]	[1.8]	[1.6]	[1.17]	[1.02J]	[1]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[960]	[1000]	[930]	[875]	[758]	[777]
THALLIUM	0.0005(G)	mg/L			[0.026J]			

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0083-03 / SB915-MW-90S / 6/4/2013 / Regular sample	SCA-0100-01 / SB915-MW-90S / 9/18/2013 / Regular sample	SCA-0108-01 / SB915-MW-90S / 12/03/2013 / Regular sample	SCA-0117-04 / SB915-MW-90S / 3/3/2014 / Regular sample	SCA-0130-04 / SB915-MW-90S / 06/04/2014 / Regular sample	SCA-0141-02 / SB915-MW-90S / 09/08/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L		[2.19J]				
IRON	0.3(S)	mg/L	[2.83]		[1.9]	[2J]	[2.6]	[2.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[59.3]	[61.2]	[51.2]	[44J+]	[59]	[59]
MANGANESE	0.3(S)	mg/L	[1.23]	[1.36J]	[1.1]	[1J]	[1.5]	[1.6]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[426]	[499]	[437]	[400]	[560]	[560]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0157-05	SCA-0169-01	SCA-0180-06	SCA-0187-02	SCA-0197-07	SCA-0228-09
		Location	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S	SB915-MW-90S
		Sample Date	12/15/2014	03/13/2015	06/02/2015	08/19/2015	11/19/2015	11/10/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.5]	[1.8]	[1.4]	[1.9]	[2.7]	[2.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[53]	[46J]	[54]	[54]	[65]	[52]
MANGANESE	0.3(S)	mg/L	[1.3]	[1.2]	[0.91]	[1.2]	[1.5]	[1.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.04J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[540]	[450]	[410]	[430]	[510J+]	[470]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0213-03 / SB915-MW-90S / 06/09/2016 / Regular Sample	SCA-0204-02 / SB915-MW-90S / 03/07/2016 / Regular Sample	SCA-0251-04 / SB915-MW-90S / 10/31/2017 / Regular Sample	SCA-0233-05 / SB915-MW-90S / 03/01/2017 / Regular Sample	SCA-0047-01 / SB915-MW-90S / 05/10/2012 / Regular sample	SCA-0056-01 / SB915-MW-90S / 07/17/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L				[0.0091J]		
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.8]	[1.9]	[2]	[1.9]	[2.47J]	[1.96J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[59]	[53]	[62]	[59]	[60.4]	[45.1J]
MANGANESE	0.3(S)	mg/L	[1.2]	[1]	[1.6]	[1.2]	[1.27]	[1.21J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[460]	[400]	[630]	[450]	[497]	[454]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0062-01 / SB915-MW-90S / 11/30/2012 / Regular sample	SCA-0085-04 / SB915-MW-91BR / 6/6/2013 / Regular sample	SCA-0100-05 / SB915-MW-91BR / 9/18/2013 / Regular sample	SCA-0113-01 / SB915-MW-91BR / 12/10/2013 / Regular sample	SCA-0123-04 / SB915-MW-91BR / 3/13/2014 / Regular sample	SCA-0134-01 / SB915-MW-91BR / 06/10/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.029J]	
ARSENIC	0.025(S)	mg/L		[0.0342J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[2.78]	[2.37]	[2.37]	[2.2]	[2.8]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L			[2.97J]			
IRON	0.3(S)	mg/L	[5.19]	[1.53J]		[2.68]	[2.4]	[4.1]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[56]	[621J]	[517]	[592]	[510]	[640]
MANGANESE	0.3(S)	mg/L	[1.28]	[2.94J]	[2.6J]	[2.9]	[2.4J]	[2.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.0435J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[423]	[44300]	[42600]	[41900]	[35000]	[45000]
THALLIUM	0.0005(G)	mg/L	[0.0023]	[0.0717J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0147-05	SCA-0160-04	SCA-0172-05	SB915-0262-03	SB915-0280-01	SB915-0296-01
		Location	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR	SB915-MW-91BR
		Sample Date	09/16/2014	12/17/2014	03/18/2015	05/21/2015	08/12/2015	11/23/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.03J]			[0.046J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.6]	[2.9]	[2.7]	[3J]	[2.8]	[2.5]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L				[0.33]	[0.48]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.6]	[11]	[5.9]	[8.9]	[9.3]	[8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[560]	[670]	[610]	[650]	[650]	[590]
MANGANESE	0.3(S)	mg/L	[2.3]	[3.4]	[2.6]	[3]	[3.6J]	[2.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[40000]	[45000]	[44000]	[42000]	[42000]	[40000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0362-01 / SB915-MW-91BR / 10/28/2016 / Regular Sample	SB915-0330-01 / SB915-MW-91BR / 06/02/2016 / Regular Sample	SB915-0310-02 / SB915-MW-91BR / 02/29/2016 / Regular Sample	SB915-0418-03 / SB915-MW-91BR / 10/25/2017 / Regular Sample	SB915-0375-04 / SB915-MW-91BR / 02/22/2017 / Regular Sample	SCA-0045-05 / SB915-MW-91BR / 05/08/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.032J]				
ARSENIC	0.025(S)	mg/L			[0.045J]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.7]	[2.2]	[2.1]	[3.4]	[2.6]	[2.08J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						[0.151J]
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.1]	[4.6]	[5.2]	[12J]	[3.2]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[660]	[580]	[500]	[660]	[610J]	[582]
MANGANESE	0.3(S)	mg/L	[2.8]	[2.6]	[1.9]	[3.9J]	[2.2]	[2.11]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.039J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[42000]	[42000]	[35000]	[50000]	[47000]	[36600]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0057-03 / SB915-MW-91BR / 07/18/2012 / Regular sample	SCA-0065-03 / SB915-MW-91BR / 12/05/2012 / Regular sample	SCA-0085-05 / SB915-MW-91D / 6/6/2013 / Regular sample	SCA-0092-01 / SB915-MW-91D / 9/11/2013 / Regular sample	SCA-0110-02 / SB915-MW-91D / 12/05/2013 / Regular sample	SCA-0121-02 / SB915-MW-91D / 3/7/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[2.12]				
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[1.7J]		
IRON	0.3(S)	mg/L		[2.11]	[0.676J]		[1.6]	[1.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[476]		[71.8]	[78.3]	[75]
MANGANESE	0.3(S)	mg/L		[2.25]		[0.598J]	[0.565]	[0.6J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[55800]	[32900]	[593]	[578]	[568]	[570]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0132-03 / SB915-MW-91D / 06/06/2014 / Regular sample	SCA-0143-01 / SB915-MW-91D / 09/10/2014 / Regular sample	SCA-0160-01 / SB915-MW-91D / 12/17/2014 / Regular sample	SCA-0173-01 / SB915-MW-91D / 03/19/2015 / Regular sample	SCA-0181-03 / SB915-MW-91D / 06/03/2015 / Regular sample	SCA-0189-01 / SB915-MW-91D / 08/21/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.5]	[1.4J-]	[1.7]	[1.8]	[1.6]	[1.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[69]	[70]	[79]	[85]	[78]	[76]
MANGANESE	0.3(S)	mg/L	[0.6]	[0.49J]	[0.57]	[0.55]	[0.53]	[0.52]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[610]	[550]	[620]	[590]	[610]	[580]
THALLIUM	0.0005(G)	mg/L	[0.018J]				[0.019J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0198-01 / SB915-MW-91D / 11/23/2015 / Regular sample	SCA-0228-07 / SB915-MW-91D / 11/10/2016 / Regular Sample	SCA-0209-06 / SB915-MW-91D / 06/03/2016 / Regular Sample	SCA-0204-04 / SB915-MW-91D / 03/07/2016 / Regular Sample	SCA-0252-07 / SB915-MW-91D / 11/01/2017 / Regular Sample	SCA-0234-08 / SB915-MW-91D / 03/02/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2]	[1.7]	[1.7]	[1.8]	[2.6]	[1.8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[87]	[79]	[77]	[83]	[100]	[84]
MANGANESE	0.3(S)	mg/L	[0.5]	[0.5]	[0.44]	[0.41]	[0.59]	[0.52]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.04J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[650]	[570]	[560]	[620]	[640]	[620]
THALLIUM	0.0005(G)	mg/L						[0.027J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0050-04	SCA-0057-06	SCA-0064-03	SCA-0085-09	SCA-0092-02	SCA-0111-01
		Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I
		Sample Date	05/15/2012	07/18/2012	12/04/2012	6/6/2013	9/11/2013	12/06/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L					[2.45J]	
IRON	0.3(S)	mg/L	[1.33]	[1.41]	[1.38]	[3.91J]		[2.53]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[50.1J]	[50]	[52.4]	[68.2J]	[85.8]	[93.3]
MANGANESE	0.3(S)	mg/L	[0.433J]	[0.485]	[0.461]	[1.02J]	[0.93J]	[0.949]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.0209J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[585]	[524]	[601]	[542]	[559]	[553]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0121-04	SCA-0132-02	SCA-0143-04	SCA-0160-03	SCA-0173-03	SCA-0181-04
		Location	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I
		Sample Date	3/7/2014	06/06/2014	09/10/2014	12/17/2014	03/19/2015	06/03/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.3]	[2.4]	[1.9J]	[2]	[2.1]	[1.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[83J]	[72]	[71]	[70]	[78]	[76]
MANGANESE	0.3(S)	mg/L	[0.97J]	[1]	[0.8J]	[0.81]	[0.81]	[0.8]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[570]	[600]	[540]	[600]	[560]	[580]
THALLIUM	0.0005(G)	mg/L		[0.017J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0189-05 / SB915-MW-91I / 08/21/2015 / Regular sample	SCA-0198-03 / SB915-MW-91I / 11/23/2015 / Regular sample	SCA-0228-10 / SB915-MW-91I / 11/10/2016 / Regular Sample	SCA-0209-04 / SB915-MW-91I / 06/03/2016 / Regular Sample	SCA-0204-03 / SB915-MW-91I / 03/07/2016 / Regular Sample	SCA-0252-04 / SB915-MW-91I / 11/01/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2]	[2.1]	[2.4]	[2.4]	[3.1]	[1.8]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[80]	[90]	[82]	[66]	[77]	[81]
MANGANESE	0.3(S)	mg/L	[0.8]	[0.86]	[0.85]	[0.88]	[0.81]	[0.73]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[550]	[600]	[550]	[530]	[590]	[470]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0235-03 / SB915-MW-91I / 03/03/2017 / Regular Sample	SCA-0050-03 / SB915-MW-91I / 05/15/2012 / Regular sample	SCA-0057-01 / SB915-MW-91I / 07/18/2012 / Regular sample	SCA-0064-04 / SB915-MW-91I / 12/04/2012 / Regular sample	SCA-0085-08 / SB915-MW-91S / 6/6/2013 / Regular sample	SCA-0173-02 / SB915-MW-91S / 03/19/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.0093J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L					[2.63]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L				[0.146]		
COPPER	0.2(S)	mg/L						[0.27]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.8]	[2.46]	[2.05]	[6.32]		
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[67]	[57J]	[45.6]	[53.4]		
MANGANESE	0.3(S)	mg/L	[0.83]	[0.969J]	[0.871]	[0.846]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[540]	[567]	[533]	[441]	[3300]	[2100]
THALLIUM	0.0005(G)	mg/L					[0.0607]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0050-01 / SB915-MW-91S / 05/15/2012 / Regular sample	SCA-0057-05 / SB915-MW-91S / 07/18/2012 / Regular sample	SCA-0065-04 / SB915-MW-91S / 12/05/2012 / Regular sample	SCA-0085-07 / SB915-MW-91SN / 6/6/2013 / Regular sample	SCA-0172-06 / SB915-MW-91SN / 03/18/2015 / Regular sample	SCA-0050-02 / SB915-MW-91SN / 05/15/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.39]	[2.49]	[1.91]			
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[8.58]			[0.302]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L				[49.1J]	[37J]	[44.1J]
MANGANESE	0.3(S)	mg/L			[0.411]	[0.676J]	[0.46]	[0.639J]
MERCURY	0.0007(S)	mg/L			[0.00335]			
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.0283J]			
SILVER	0.05(S)	mg/L		[0.0533]				
SODIUM	20(S)	mg/L	[2820]	[603]	[2320]	[541]	[410]	[635]
THALLIUM	0.0005(G)	mg/L			[0.0273B]			

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0057-02 / SB915-MW-91SN / 07/18/2012 / Regular sample	SCA-0065-01 / SB915-MW-91SN / 12/05/2012 / Regular sample	SCA-0086-05 / SB915-MW-92BR / 6/7/2013 / Regular sample	SCA-0100-04 / SB915-MW-92BR / 9/18/2013 / Regular sample	SCA-0113-02 / SB915-MW-92BR / 12/10/2013 / Regular sample	SCA-0123-02 / SB915-MW-92BR / 3/13/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.052J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[2.74]	[3.46]	[2.91]	[3.4]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L				[15.5J]		
IRON	0.3(S)	mg/L	[0.364J]		[5.28J]		[12.8]	[13]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[40.4]	[35.8]	[754J]	[850]	[835]	[800]
MANGANESE	0.3(S)	mg/L	[0.599]	[0.512]	[4.73J]	[5.79J]	[5.47]	[5.2J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.0362J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[591]	[482]	[8270]	[10600]	[9270]	[9200]
THALLIUM	0.0005(G)	mg/L			[0.0386J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0134-03	SCA-0147-09	SCA-0162-03	SCA-0173-05	SB915-0262-05	SB915-0279-03
		Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR
		Sample Date	06/10/2014	09/16/2014	12/18/2014	03/19/2015	05/21/2015	08/11/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						[0.08J]
ARSENIC	0.025(S)	mg/L					[0.041J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.6]	[3.6]	[3.6]	[3.7]	[3.6J]	[3.3]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						[0.059]
COPPER	0.2(S)	mg/L				[0.26]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[14]	[15]	[14]	[16]	[15]	[13]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[870]	[800]	[840]	[910]	[880]	[810]
MANGANESE	0.3(S)	mg/L	[4.9]	[4.7]	[5.2]	[5.3]	[5.1]	[5.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.027J]		[0.024J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9500]	[9400]	[11000]	[11000]	[9900]	[9500]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0295-01 / SB915-MW-92BR / 11/10/2015 / Regular sample	SB915-0362-04 / SB915-MW-92BR / 10/28/2016 / Regular Sample	SB915-0330-07 / SB915-MW-92BR / 06/02/2016 / Regular Sample	SB915-0311-02 / SB915-MW-92BR / 03/01/2016 / Regular Sample	SB915-0418-01 / SB915-MW-92BR / 10/25/2017 / Regular Sample	SB915-0375-01 / SB915-MW-92BR / 02/22/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L	[0.057J]					
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.9]	[3.9]	[3.5]	[3.7]	[4]	[3.5]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[19]	[11]	[14]	[17]	[12J]	[17]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[950]	[890]	[890]	[910]	[850]	[870]
MANGANESE	0.3(S)	mg/L	[5.6]	[5]	[5.3]	[5.2]	[5.9J]	[5.8]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.067J]			[0.058J]	[0.077J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[10000]	[11000]	[10000]	[10000]	[11000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SCA-0046-07	SCA-0057-04	SCA-0066-04	SCA-0086-01	SCA-0096-01	SCA-0111-02
			Location	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92BR	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D
			Sample Date	05/09/2012	07/18/2012	12/06/2012	6/7/2013	9/16/2013	12/06/2013
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L				[0.0736]			
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L	[3.52J]			[3.36]			
CADMIUM	0.005(S)	mg/L	[0.0068J]						
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L					[0.237]		
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L	[13.9J]	[1.37]		[12.8]			
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L	[919]	[84]		[808]	[46.7J]	[38.8]	[40.8]
MANGANESE	0.3(S)	mg/L	[5.67]	[0.557]		[5.61]			
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L	[0.144]			[0.0327J]		[0.012J]	[0.0146J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L	[8750]	[8260]		[8610]	[281]	[225]	[199]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0122-01 / SB915-MW-92D / 3/11/2014 / Regular sample	SCA-0133-01 / SB915-MW-92D / 06/09/2014 / Regular sample	SCA-0145-02 / SB915-MW-92D / 09/12/2014 / Regular sample	SCA-0162-04 / SB915-MW-92D / 12/18/2014 / Regular sample	SCA-0170-04 / SB915-MW-92D / 03/16/2015 / Regular sample	SCA-0182-09 / SB915-MW-92D / 06/04/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.026J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[44J]	[44J]	[35J]			[38J]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[240]	[290]	[240]	[180]	[170]	[210]
THALLIUM	0.0005(G)	mg/L	[0.016J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0191-01	SCA-0192-01	SCA-0219-05	SCA-0219-05	SCA-0229-04	SCA-0210-02
		Location	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D	SB915-MW-92D
		Sample Date	08/24/2015	11/10/2015	09/01/2016	09/01/2016	11/11/2016	06/06/2016
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.04J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[2.6]			
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.81J]	[12]			
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[330]	[1100]	[35J]		[36J]
MANGANESE	0.3(S)	mg/L		[1.8]	[6.7]			
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[210]	[1800]	[9300]	[210]	[180]	[230]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0204-06 / SB915-MW-92D / 03/07/2016 / Regular Sample	SCA-0252-06 / SB915-MW-92D / 11/01/2017 / Regular Sample	SCA-0235-01 / SB915-MW-92D / 03/03/2017 / Regular Sample	SCA-0051-03 / SB915-MW-92D / 05/16/2012 / Regular sample	SCA-0056-09 / SB915-MW-92D / 07/17/2012 / Regular sample	SCA-0065-05 / SB915-MW-92D / 12/05/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L			[50]	[35.8J]		
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[200]	[200]	[290]	[221]	[222]	[199]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SCA-0086-02 / SB915-MW-92I / 6/7/2013 / Regular sample	SCA-0096-04 / SB915-MW-92I / 9/16/2013 / Regular sample	SCA-0111-04 / SB915-MW-92I / 12/06/2013 / Regular sample	SCA-0124-01 / SB915-MW-92I / 3/14/2014 / Regular sample	SCA-0133-04 / SB915-MW-92I / 06/09/2014 / Regular sample	SCA-0145-03 / SB915-MW-92I / 09/12/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[36.8]	[43.9]			
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.019J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[873]	[478]	[521]	[690]	[740]	[600]
THALLIUM	0.0005(G)	mg/L	[0.0127J]			[0.017J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0162-02	SCA-0170-03	SCA-0182-08	SCA-0191-02	SCA-0192-07	SCA-0219-10
		Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I
		Sample Date	12/18/2014	03/16/2015	06/04/2015	08/24/2015	11/10/2015	09/01/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[1.7]		[0.31J]	[3.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						[95]
MANGANESE	0.3(S)	mg/L						[1.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.031J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[500]	[480]	[700]	[660]	[550]	[920]
THALLIUM	0.0005(G)	mg/L						[0.029J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0219-10	SCA-0228-08	SCA-0210-01	SCA-0204-05	SCA-0255-04	SCA-0234-07
		Location	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I	SB915-MW-92I
		Sample Date	09/01/2016	11/10/2016	06/06/2016	03/07/2016	11/07/2017	03/02/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.2]					
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[42J]				[38J]	[36J]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[690]	[690]	[750]	[980]	[680]	[1300]
THALLIUM	0.0005(G)	mg/L	[0.029J]					[0.04J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0051-02 / SB915-MW-92I / 05/16/2012 / Regular sample	SCA-0056-08 / SB915-MW-92I / 07/17/2012 / Regular sample	SCA-0066-01 / SB915-MW-92I / 12/06/2012 / Regular sample	SCA-0086-03 / SB915-MW-92S / 6/7/2013 / Regular sample	SCA-0170-01 / SB915-MW-92S / 03/16/2015 / Regular sample	SCA-0051-01 / SB915-MW-92S / 05/16/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.003J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L				[1.52]		[1.52]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						[0.0896]
SODIUM	20(S)	mg/L	[597]	[561]	[443]	[1250]	[2400]	[2210]
THALLIUM	0.0005(G)	mg/L				[0.04J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0056-07	SCA-0066-02	SCA-0084-03	SCA-0171-07	SB915-0262-04	SB915-0279-02
		Location	SB915-MW-92S	SB915-MW-92S	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR
		Sample Date	07/17/2012	12/06/2012	6/5/2013	03/17/2015	05/21/2015	08/11/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.0818]				[0.1]
ARSENIC	0.025(S)	mg/L			[0.0422J]		[0.064J]	
BARIUM	1(S)	mg/L	[1.75]	[2.03]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[3.04]	[3.2]	[3.2J]	[2.8]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L			[0.0674]			
COPPER	0.2(S)	mg/L				[0.51]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.481]	[34.1]	[34]	[38]	[36]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L			[2420]	[2500]	[2500]	[2400]
MANGANESE	0.3(S)	mg/L			[15.2]	[12]	[12]	[13]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.0165J]	[0.0413J]	[0.0369J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2880]	[3640]	[23000]	[23000]	[22000]	[21000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

RAMBOLL

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0295-02	SB915-0349-06	SB915-0349-06	SB915-0365-02	SB915-0323-04	SB915-0309-01
			Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR
			Sample Date	11/10/2015	08/25/2016	08/25/2016	11/02/2016	05/23/2016	02/26/2016
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							[0.044J]
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[3.2J]		[3.3]	[3]	[3.1]	[2.8]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[66]	[2.2]	[37]	[37]	[38]	[38]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[2900]	[54]	[2700]	[2500]	[2600]	[2400]
MANGANESE	0.3(S)	mg/L		[15]	[1.2]	[13]	[12J]	[12J]	[13]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L					[0.12]	[0.096J]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[24000]	[430]	[24000]	[22000]	[23000]	[21000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0419-04	SB915-0374-03	SCA-0049-04	SCA-0054-05	SCA-0063-01	SCA-0084-04
		Location	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93BR	SB915-MW-93D
		Sample Date	10/26/2017	02/21/2017	05/14/2012	07/13/2012	12/03/2012	6/5/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.0323]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.6]	[3.2]	[2.37]	[2.72J]	[2.36J]	
CADMIUM	0.005(S)	mg/L					[0.0113J]	
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.3]	[0.35]		[0.476]	[0.377]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[34J]	[35]	[28.4]	[35.4]	[15.3]	[2.7]
LEAD	0.025(S)	mg/L				[0.133]		
MAGNESIUM	35(G)	mg/L	[2600]	[2600J]	[1940J]	[2590]	[2380]	[70.4]
MANGANESE	0.3(S)	mg/L	[16J]	[15]	[10.5J]	[14.1]	[12.8]	[1.32]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.16]	[0.13]	[0.246J]		[0.0625J]	
SILVER	0.05(S)	mg/L					[0.0503J]	
SODIUM	20(S)	mg/L	[25000]	[24000]	[16700]	[21300]	[18600]	[488]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0171-02 / SB915-MW-93D / 03/17/2015 / Regular sample	SCA-0049-03 / SB915-MW-93D / 05/14/2012 / Regular sample	SCA-0054-06 / SB915-MW-93D / 07/13/2012 / Regular sample	SCA-0063-02 / SB915-MW-93D / 12/03/2012 / Regular sample	SCA-0084-02 / SB915-MW-93I / 6/5/2013 / Regular sample	SCA-0171-05 / SB915-MW-93I / 03/17/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[1.23]	[1.03]	[2.38]	[3.55]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[56]	[61.9J]	[57.6]	[60.4]	[72.9]	[60]
MANGANESE	0.3(S)	mg/L	[1.1]	[1.23J]	[1.25]	[1.12]	[1.26]	[1.1]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.0102]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[450]	[424]	[446]	[399]	[457]	[450]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SCA-0049-02	SCA-0054-04	SCA-0063-04	SCA-0084-01	SCA-0171-06	SCA-0049-01
			Location	SB915-MW-93I	SB915-MW-93I	SB915-MW-93I	SB915-MW-93S	SB915-MW-93S	SB915-MW-93S
			Sample Date	05/14/2012	07/13/2012	12/03/2012	6/5/2013	03/17/2015	05/14/2012
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L				[0.004J]			
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L	[0.998]	[0.818]	[2.78]	[1.34]		[3.31]	
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L	[58.9J]	[59.7]	[66.8]	[44.9]		[52.7J]	
MANGANESE	0.3(S)	mg/L	[1.26J]	[1.26]	[1.13]	[1.16]	[0.96]	[1.27J]	
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L	[0.0105]					[0.0105]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L	[431]	[464]	[421]	[378]	[400]	[346]	
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0054-03	SCA-0063-03	SCA-0080-01	SCA-0174-01	SCA-0048-01	SCA-0052-01
		Location	SB915-MW-93S	SB915-MW-93S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S
		Sample Date	07/13/2012	12/03/2012	5/30/2013	03/20/2015	05/11/2012	07/11/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.0036J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[0.617]	[0.933]			[0.445J]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[37.4]	[35]	[42.3]	[83]	[39.6]	[37.1]
MANGANESE	0.3(S)	mg/L	[1.23]	[1.07]	[1.5]	[3.5]	[1.41]	[1.15J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[349]	[365]	[58]	[350]	[61.4]	[62.6J]
THALLIUM	0.0005(G)	mg/L	[0.0024J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0059-03	SCA-0079-05	SCA-0167-05	SCA-0048-02	SCA-0053-05	SCA-0059-02
		Location	SB915-MW-94S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S
		Sample Date	11/27/2012	5/29/2013	03/11/2015	05/11/2012	07/12/2012	11/27/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L	[0.856J]					
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[61.7]	[283]	[120]	[199]	[238J]	[204]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0080-02	SCA-0167-04	SCA-0048-03	SCA-0057-09	SCA-0059-01	SCA-0082-01
		Location	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S
		Sample Date	5/30/2013	03/11/2015	05/11/2012	07/18/2012	11/27/2012	6/3/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[21.4]		[0.934J]		[0.469]	[1.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[78.3]					
MANGANESE	0.3(S)	mg/L	[1.27]			[0.47]	[0.346J]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[56]	[85]	[73.4]	[105]	[90.7]	[139]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0167-03	SCA-0048-04	SCA-0055-03	SCA-0059-04	SCA-0082-02	SCA-0167-01
		Location	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S	SB915-MW-98S	SB915-MW-98S
		Sample Date	03/11/2015	05/11/2012	07/14/2012	11/27/2012	6/3/2013	03/11/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.348J]		[0.895]	[0.564]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L			[37.5]			
MANGANESE	0.3(S)	mg/L			[0.35]		[0.442]	[0.36]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[120]	[160]	[174]	[177]	[218]	[170]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0046-05 / SB915-MW-98S / 05/09/2012 / Regular sample	SCA-0055-02 / SB915-MW-98S / 07/14/2012 / Regular sample	SCA-0059-05 / SB915-MW-98S / 11/27/2012 / Regular sample	SCA-0082-04 / SB915-MW-99S / 6/3/2013 / Regular sample	SCA-0172-04 / SB915-MW-99S / 03/18/2015 / Regular sample	SCA-0048-05 / SB915-MW-99S / 05/11/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0043J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L				[2.93]	[0.98J]	[1.44J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[39.1]	[42.1]	[50.3J]	[56.3]	[49J]	[46.6]
MANGANESE	0.3(S)	mg/L	[0.457]	[0.509]	[0.63J]	[1.29]	[1.1]	[1.15]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[188]	[209]	[269]	[299]	[290]	[298]
THALLIUM	0.0005(G)	mg/L		[0.0021J]	[0.0018J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0055-08	SCA-0060-08	SB915-0102-03	SB915-0118-03	SB915-0147-07	SB915-0164-06
		Location	SB915-MW-99S	SB915-MW-99S	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07D
		Sample Date	07/14/2012	11/28/2012	5/9/2013	08/07/2013	11/11/2013	2/19/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L					[0.0267J]	[0.083J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[3.24]	[3.8]	[2.91]	[2.9]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.78]	[2.69]		[0.574]		
LEAD	0.025(S)	mg/L			[0.0288]			
MAGNESIUM	35(G)	mg/L	[45.8]	[40.1J]				
MANGANESE	0.3(S)	mg/L	[1.2]	[0.934J]				
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.03J]
SILVER	0.05(S)	mg/L					[0.0655]	
SODIUM	20(S)	mg/L	[237]	[270]	[5530]	[6590]	[5540J]	[5500]
THALLIUM	0.0005(G)	mg/L			[0.0074J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0178-08 / SB915-PZ-07D / 05/20/2014 / Regular sample	SB915-0191-04 / SB915-PZ-07D / 08/18/2014 / Regular sample	SB915-0207-04 / SB915-PZ-07D / 10/31/2014 / Regular sample	SB915-0243-03 / SB915-PZ-07D / 03/04/2015 / Regular sample	SB915-0248-03 / SB915-PZ-07D / 05/01/2015 / Regular sample	SB915-0272-01 / SB915-PZ-07D / 07/31/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.074J]	[0.056J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[3.5]	[3.8]	[4.5]	[3.7]	[3.4]	[2.7]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.22J]	[0.22J]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L					[6.8]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.036J]	[0.051J]		[0.057J]	[0.054J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6700]	[7500]	[9100]	[7100]	[6400]	[4800]
THALLIUM	0.0005(G)	mg/L	[0.064J]	[0.035J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0288-01 / SB915-PZ-07D / 10/28/2015 / Regular sample	SB915-0343-02 / SB915-PZ-07D / 08/17/2016 / Regular Sample	SB915-0343-02 / SB915-PZ-07D / 08/17/2016 / Regular Sample	SB915-0361-01 / SB915-PZ-07D / 10/25/2016 / Regular Sample	SB915-0325-03 / SB915-PZ-07D / 05/25/2016 / Regular Sample	SB915-0307-06 / SB915-PZ-07D / 02/24/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L		[0.038J]	[0.036J]			
ARSENIC	0.025(S)	mg/L	[0.055J]					
BARIUM	1(S)	mg/L	[2.6]		[4.6]	[5]	[3.6]	[3.8]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[2.5]				
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L				[0.2J]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[4.8J]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[680]				
MANGANESE	0.3(S)	mg/L		[3]				
MERCURY	0.0007(S)	mg/L			[0.001]			
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.097J]	[0.048J]	[0.063J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5000]	[46000]	[8900]	[9800]	[7100]	[7000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0417-02	SB915-0375-09	SB915-0058-01	SB915-0069-05	sb915-0074-02	SB915-0102-02
		Location	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07D	SB915-PZ-07I
		Sample Date	10/23/2017	02/22/2017	06/01/2012	07/31/2012	11/06/2012	5/9/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[3.9]	[3.9]	[2.4]	[4.5]		[2.63]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.23J]				
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[0.62J]	[3.3J]		
LEAD	0.025(S)	mg/L						[0.0401]
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L			[0.00085]			
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.081J]	[0.14]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7200]	[8000]	[4100]	[8300]	[11000]	[5670]
THALLIUM	0.0005(G)	mg/L						[0.0101]

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0118-02 / SB915-PZ-07I / 08/07/2013 / Regular sample	SB915-0147-05 / SB915-PZ-07I / 11/11/2013 / Regular sample	SB915-0164-04 / SB915-PZ-07I / 2/19/2014 / Regular sample	SB915-0178-05 / SB915-PZ-07I / 05/20/2014 / Regular sample	SB915-0191-05 / SB915-PZ-07I / 08/18/2014 / Regular sample	SB915-0207-01 / SB915-PZ-07I / 10/31/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0254J]	[0.059J]	[0.079J]	[0.07J]	
ARSENIC	0.025(S)	mg/L						[0.064J+]
BARIUM	1(S)	mg/L	[2.85]	[3.04]	[2.5]	[2.6]	[2.5]	[3.1]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						[0.22J]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.326J]				
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.042J]
SILVER	0.05(S)	mg/L		[0.105]				
SODIUM	20(S)	mg/L	[6630]	[7300J]	[6000]	[6000]	[6000]	[7200]
THALLIUM	0.0005(G)	mg/L				[0.12J]	[0.037J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0243-01 / SB915-PZ-07I / 03/04/2015 / Regular sample	SB915-0248-01 / SB915-PZ-07I / 05/01/2015 / Regular sample	SB915-0272-03 / SB915-PZ-07I / 07/31/2015 / Regular sample	SB915-0288-02 / SB915-PZ-07I / 10/28/2015 / Regular sample	SB915-0343-01 / SB915-PZ-07I / 08/17/2016 / Regular Sample	SB915-0343-01 / SB915-PZ-07I / 08/17/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.042J]		[0.06J]		
BARIUM	1(S)	mg/L	[2.9]	[2.8]	[2.4]	[2.8]		[2.8]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L			[0.14]			
COPPER	0.2(S)	mg/L	[0.23J]		[0.7]			
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L			[1.1]		[1.6]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L					[74]	
MANGANESE	0.3(S)	mg/L					[0.43]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.055J]	[0.04J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6600]	[5800]	[5600]	[6400]	[550]	[6200]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0361-03 / SB915-PZ-07I / 10/25/2016 / Regular Sample	SB915-0325-02 / SB915-PZ-07I / 05/25/2016 / Regular Sample	SB915-0307-04 / SB915-PZ-07I / 02/24/2016 / Regular Sample	SB915-0417-01 / SB915-PZ-07I / 10/23/2017 / Regular Sample	SB915-0375-10 / SB915-PZ-07I / 02/22/2017 / Regular Sample	SB915-0058-02 / SB915-PZ-07I / 06/01/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.043J]			
BARIUM	1(S)	mg/L	[2.9]	[2.4]	[2.7]	[2.2]	[2.5]	[2.6]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.086J]	[0.047J]	[0.049J]	[0.1]	[0.13]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[6200]	[5400]	[5900]	[5000]	[4900]	[6000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0069-02 / SB915-PZ-07I / 07/31/2012 / Regular sample	sb915-0074-03 / SB915-PZ-07I / 11/06/2012 / Regular sample	SB915-0102-01 / SB915-PZ-07S / 5/9/2013 / Regular sample	SB915-0118-01 / SB915-PZ-07S / 08/07/2013 / Regular sample	SB915-0147-01 / SB915-PZ-07S / 11/11/2013 / Regular sample	SB915-0164-01 / SB915-PZ-07S / 2/19/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.017J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[3.1]					
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7100]	[7700]	[111]	[117]	[156J]	[120]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0178-09 / SB915-PZ-07S / 05/20/2014 / Regular sample	SB915-0191-01 / SB915-PZ-07S / 08/18/2014 / Regular sample	SB915-0243-02 / SB915-PZ-07S / 03/04/2015 / Regular sample	SB915-0248-02 / SB915-PZ-07S / 05/01/2015 / Regular sample	SB915-0272-02 / SB915-PZ-07S / 07/31/2015 / Regular sample	SB915-0288-04 / SB915-PZ-07S / 10/28/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0067J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[110]	[100]	[140]	[120]	[100]	[130]
THALLIUM	0.0005(G)	mg/L		[0.002J]				

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0361-05 / SB915-PZ-07S / 10/25/2016 / Regular Sample	SB915-0325-01 / SB915-PZ-07S / 05/25/2016 / Regular Sample	SB915-0307-01 / SB915-PZ-07S / 02/24/2016 / Regular Sample	SB915-0417-03 / SB915-PZ-07S / 10/23/2017 / Regular Sample	SB915-0375-08 / SB915-PZ-07S / 02/22/2017 / Regular Sample	SB915-0058-03 / SB915-PZ-07S / 06/01/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L						
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[140]	[96]	[110]	[120]	[100]	[130]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0069-01 / SB915-PZ-07S / 07/31/2012 / Regular sample	SB915-0111-09 / SB915-WB-01L / 5/22/2013 / Regular sample	SB915-0133-01 / SB915-WB-01L / 08/28/2013 / Regular sample	SB915-0144-02 / SB915-WB-01L / 11/06/2013 / Regular sample	SB915-0160-01 / SB915-WB-01L / 2/13/2014 / Regular sample	SB915-0172-02 / SB915-WB-01L / 05/12/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[1.84]	[2.01]	[1.83]	[2]	[1.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[47.6]	[50.9]	[49.1]	[48J]	[48J]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[150]	[32.9]	[34.1]	[34.1]	[37J]	[41J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0196-01	SB915-0223-01	SB915-0242-02	SB915-0261-02	SB915-0276-01	SB915-0287-05
		Location	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L
		Sample Date	08/25/2014	12/02/2014	03/03/2015	05/20/2015	08/06/2015	10/27/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.7]	[2.3]	[1.8]	[1.9]	[2.4]	[1.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[47J]	[46J]	[47J]			[45J]
MANGANESE	0.3(S)	mg/L						
MERCURY	0.0007(S)	mg/L				[0.00099]		
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L		[37J]		[36J]	[35J]	[39J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0336-02	SB915-0336-02	SB915-0355-02	SB915-0320-02	SB915-0305-01	SB915-0416-01
		Location	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L	SB915-WB-01L
		Sample Date	08/08/2016	08/08/2016	10/17/2016	05/17/2016	02/22/2016	10/20/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[1.9]	[1.5]	[2]	[1.6]	[1.6]	[1.4J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[72]	[43J]	[52]	[44J]	[47]	[39J]
MANGANESE	0.3(S)	mg/L	[0.81]					
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[550]	[32J]	[45J]	[32J]	[35]	[30J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0373-06 / SB915-WB-01L / 02/20/2017 / Regular Sample / mg/L	SB915-0053-02 / SB915-WB-01L / 05/24/2012 / Regular sample / mg/L	SB915-0068-04 / SB915-WB-01L / 07/30/2012 / Regular sample / mg/L	SB915-0078-01 / SB915-WB-01L / 11/12/2012 / Regular sample / mg/L	SCA-0079-04 / SB915-WB-02L / 5/29/2013 / Regular sample / mg/L	SCA-0088-01 / SB915-WB-02L / 8/30/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)	mg/L		[0.003J]			[0.0187J]	
ARSENIC	0.025(S)	mg/L						[0.025J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						[22.5]
IRON	0.3(S)	mg/L	[2.4]	[2.7]	[1.8J]	[1.3]	[19.8]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[49J]	[50]	[51]		[720]	[830]
MANGANESE	0.3(S)	mg/L					[2.35]	[2.66]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L					[0.0949]	
SODIUM	20(S)	mg/L	[37J]	[35]	[37J]		[9210]	[9300]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0104-04 / SB915-WB-02L / 11/20/2013 / Regular sample	SCA-0114-03 / SB915-WB-02L / 2/26/2014 / Regular sample	SCA-0125-03 / SB915-WB-02L / 05/28/2014 / Regular sample	SCA-0138-02 / SB915-WB-02L / 09/03/2014 / Regular sample	SCA-0152-04 / SB915-WB-02L / 12/09/2014 / Regular sample	SCA-0165-04 / SB915-WB-02L / 03/09/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.11]	[0.074J]		[0.1]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L				[0.26]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23.2]	[25J]	[22]	[21]	[22]	[21]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[794]	[880J+]	[850]	[780]	[840]	[820]
MANGANESE	0.3(S)	mg/L	[2.63]	[2.6J]	[2.5]	[2.1]	[2.5]	[2.2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.0746]		[0.022J]	[0.029J]	[0.057J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[10700]	[10000]	[9500]	[9500]	[10000]	[10000]
THALLIUM	0.0005(G)	mg/L					[0.022J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SCA-0176-06	SCA-0184-04	SCA-0194-03	SCA-0217-06	SCA-0217-06	SCA-0224-02
			Location	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L	SB915-WB-02L
			Sample Date	05/26/2015	08/14/2015	11/16/2015	08/30/2016	08/30/2016	11/07/2016
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L					[0.038J]		
ARSENIC	0.025(S)	mg/L	[0.065J]						
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L					[2.9]		
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L	[23]	[2.3]	[22]	[9.2J]	[25]	[22]	
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L	[830]	[83]	[800]	[690]	[900]	[830]	
MANGANESE	0.3(S)	mg/L	[2.2]		[2.1]	[4.3]	[2.6]	[2.1]	
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L	[0.066J]					[0.12]	
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L	[9500]	[920]	[9100]	[7800]	[10000]	[9700]	
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0211-01 / SB915-WB-02L / 06/07/2016 / Regular Sample	SCA-0201-06 / SB915-WB-02L / 03/02/2016 / Regular Sample	SCA-0255-01 / SB915-WB-02L / 11/07/2017 / Regular Sample	SCA-0231-01 / SB915-WB-02L / 02/27/2017 / Regular Sample	SCA-0044-02 / SB915-WB-02L / 05/07/2012 / Regular sample	SCA-0052-07 / SB915-WB-02L / 07/11/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.054J]				
ARSENIC	0.025(S)	mg/L	[0.05J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.22J]	[0.28]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[21]	[22]	[92J]	[21]	[23.1J]	[20J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[770]	[840]	[770]	[780]	[854]	[683J]
MANGANESE	0.3(S)	mg/L	[2]	[2.4]	[2.4]	[2.3]	[2.6]	[2.63]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.099J]	[0.043J]	[0.1]	[0.2]		[0.0692J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9000]	[9300]	[9100]	[7200J]	[9370]	[8230J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	sca-0058-01	SB915-0113-03	SB915-0134-01	SB915-0144-01	SB915-0160-04	SB915-0172-01
		Location	SB915-WB-02L	SB915-WB-03L	SB915-WB-03L	SB915-WB-03L	SB915-WB-03L	SB915-WB-03L
		Sample Date	11/26/2012	5/24/2013	09/06/2013	11/06/2013	2/13/2014	05/12/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L		[0.02J]			[0.083J]	
ARSENIC	0.025(S)	mg/L						[0.046J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23]	[55.7]	[49.4]	[54.4]	[70]	[48]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[829J]	[402]	[434]	[441]	[570]	[440]
MANGANESE	0.3(S)	mg/L	[2.61J]	[2.97]	[2.87]	[2.94]	[4.1]	[2.8J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.0584J]					[0.054J]
SILVER	0.05(S)	mg/L				[0.0765]		
SODIUM	20(S)	mg/L	[9530]	[5660]	[5070]	[5490]	[7900]	[6200]
THALLIUM	0.0005(G)	mg/L	[0.0485J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0196-02 / SB915-WB-03L / 08/25/2014 / Regular sample	SB915-0223-02 / SB915-WB-03L / 12/02/2014 / Regular sample	SB915-0242-01 / SB915-WB-03L / 03/03/2015 / Regular sample	SB915-0261-01 / SB915-WB-03L / 05/20/2015 / Regular sample	SB915-0278-01 / SB915-WB-03L / 08/10/2015 / Regular sample	SB915-0287-01 / SB915-WB-03L / 10/27/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.05J]	
ARSENIC	0.025(S)	mg/L	[0.04J]	[0.032J]				
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[49]	[46]	[52]	[51]	[53]	[46]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[410]	[440]	[400]	[430]	[400]	[380]
MANGANESE	0.3(S)	mg/L	[2.3]	[2.8]	[2]	[2.4]	[2.3]	[2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.028J]	[0.037J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5400]	[5700]	[4600]	[5700]	[5100]	[5000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0336-01 / SB915-WB-03L / 08/08/2016 / Regular Sample	SB915-0354-03 / SB915-WB-03L / 10/14/2016 / Regular Sample	SB915-0320-01 / SB915-WB-03L / 05/17/2016 / Regular Sample	SB915-0305-02 / SB915-WB-03L / 02/22/2016 / Regular Sample	SB915-0411-01 / SB915-WB-03L / 10/13/2017 / Regular Sample	SB915-0373-05 / SB915-WB-03L / 02/20/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L	[0.046J]	[0.035J]				
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[47]	[47]	[50]	[46]	[52]	[61]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[410]	[390]	[390]	[420]	[490]	[480]
MANGANESE	0.3(S)	mg/L	[1.9]	[2.1]	[2.1]	[2.4]	[3.3J]	[3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.054J]	[0.06J]	[0.1]	[0.089J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[4500]	[4900]	[4500]	[5300]	[6400]	[6600]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0057-03 / SB915-WB-03L / 05/31/2012 / Regular sample	SB915-0068-01 / SB915-WB-03L / 07/30/2012 / Regular sample	SB915-0076-01 / SB915-WB-03L / 11/08/2012 / Regular sample	SCA-0083-02 / SB915-WB-04L / 6/4/2013 / Regular sample	SCA-0091-02 / SB915-WB-04L / 9/5/2013 / Regular sample	SCA-0108-03 / SB915-WB-04L / 12/03/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L					[9.97]	
IRON	0.3(S)	mg/L	[39J]	[46J]	[48]	[9.45]		[10.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[350]	[390]	[390]	[239]	[257]	[251]
MANGANESE	0.3(S)	mg/L	[2.5]	[2.5]	[2.1]	[0.353]	[0.336]	[0.349]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5200]	[4800]	[4800]	[1760]	[1670]	[1800]
THALLIUM	0.0005(G)	mg/L				[0.0171J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0117-07	SCA-0130-02	SCA-0141-05	SCA-0157-01	SCA-0169-03	SCA-0180-04
		Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L
		Sample Date	3/3/2014	06/04/2014	09/08/2014	12/15/2014	03/13/2015	06/02/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L	[0.025J]					
ARSENIC	0.025(S)	mg/L				[0.04J]		
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[10J]	[9.9]	[8.9]	[9.7]	[8.2]	[9.4]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[240J+]	[230]	[220]	[230]	[210]	[230]
MANGANESE	0.3(S)	mg/L	[0.33J]	[0.3]			[0.3]	[0.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.031J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1900]	[1800]	[1700]	[1900]	[1700]	[1800]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0187-03 / SB915-WB-04L / 08/19/2015 / Regular sample	SCA-0199-01 / SB915-WB-04L / 11/24/2015 / Regular sample	SCA-0219-08 / SB915-WB-04L / 09/01/2016 / Regular Sample	SCA-0228-03 / SB915-WB-04L / 11/10/2016 / Regular Sample	SCA-0214-04 / SB915-WB-04L / 06/10/2016 / Regular Sample	SCA-0207-03 / SB915-WB-04L / 03/10/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L	[0.039J]					[0.035J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L		[1.1J]	[1.1J]	[1.1J]		
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[9.7]	[10]	[9.3]	[9]	[6.9]	[9.6]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[230]	[230]	[200]	[210]	[180]	[210]
MANGANESE	0.3(S)	mg/L		[0.31]		[0.31]		[0.34]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[1800]	[1900]	[1700]	[1800]	[1600]	[1900]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0256-03	SCA-0233-09	SCA-0047-03	SCA-0056-05	SCA-0062-03	SB915-0106-02
		Location	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-04L	SB915-WB-05L
		Sample Date	11/08/2017	03/01/2017	05/10/2012	07/17/2012	11/30/2012	5/15/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[9.6J]	[8.5]	[9.23J]	[9.11J]	[9.99]	[43]
LEAD	0.025(S)	mg/L						[0.0285J]
MAGNESIUM	35(G)	mg/L	[230]	[190]	[250]	[227J]	[242]	[199]
MANGANESE	0.3(S)	mg/L			[0.418]	[0.308J]	[0.404]	[11.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.066J]		[0.0104]	[0.0241J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2100]	[1700]	[1730]	[1670]	[1730]	[14200]
THALLIUM	0.0005(G)	mg/L		[0.031J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0137-01	SB915-0139-03	SB915-0163-02	SB915-0176-03	SB915-0190-03	SB915-0222-01
			Location	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L
			Sample Date	09/11/2013	10/29/2013	2/18/2014	05/16/2014	08/15/2014	12/01/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L				[0.16J]	[0.16J]		
ARSENIC	0.025(S)	mg/L		[0.0366J]	[0.0261J]				[0.033J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L				[3.8J]		[2.2]	[3.6]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L						[0.32]	[0.4]
CYANIDE	0.2(S)	mg/L							[0.41]
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[40.9]	[43.3]	[54]	[20]	[13]	[30]
LEAD	0.025(S)	mg/L			[0.0607J]				
MAGNESIUM	35(G)	mg/L		[276]	[256]	[350]	[310]	[280]	[340]
MANGANESE	0.3(S)	mg/L		[10.7]	[11.1]	[13]	[12]	[10]	[12]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L				[0.15J]	[0.17J]	[0.032J+]	[0.11]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[17800]	[17600]	[24000]	[21000]	[18000]	[21000]
THALLIUM	0.0005(G)	mg/L				[0.15J]			

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
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Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0231-03	SB915-0254-03	SB915-0266-07	SB915-0282-02	SB915-0335-01	SB915-0357-02
		Location	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L
		Sample Date	02/16/2015	05/11/2015	07/23/2015	10/20/2015	08/04/2016	10/19/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
ANTIMONY	0.003(G)	mg/L				[0.052J]		
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3]	[3]	[3.3]	[3]	[3.1]	
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.41]	[0.26]	[0.22J]		[0.26]	
CYANIDE	0.2(S)	mg/L		[0.65J+]				
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[27]	[31]	[34]	[34]	[37]	[8.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[280]	[270]	[290]	[270]	[270]	[96]
MANGANESE	0.3(S)	mg/L	[9.9]	[8.5]	[9.3]	[10]	[8.8]	[2.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L					[0.16J]	
SELENIUM	0.01(S)	mg/L		[0.055J+]	[0.079J]		[0.12]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[17000]	[16000]	[19000]	[17000]	[17000]	[6700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0314-08	SB915-0299-03	SB915-0417-04	SB915-0369-11	SB915-0064-01	SB915-0079-04
			Location	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L	SB915-WB-05L
			Sample Date	05/06/2016	02/12/2016	10/23/2017	02/15/2017	07/25/2012	11/13/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L		[0.049J]	[0.052J]				
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[2.8]	[3.2]	[3.2]	[3.7]	[3]	
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L		[0.22J]	[0.23J]	[0.39]	[0.51]		
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[34]	[36]	[23J]	[24]	[41]	[36]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[260]	[270]	[220]	[260J]	[270]	[210]
MANGANESE	0.3(S)	mg/L		[8.8J]	[9.1]	[13]	[15]	[11]	[8.5]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L		[0.13J]	[0.13J]	[0.16J]	[0.16J]		
SELENIUM	0.01(S)	mg/L		[0.084J]	[0.094J]	[0.22]	[0.29]		
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[17000]	[17000]	[15000]	[17000J]	[18000]	[15000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0106-03 / SB915-WB-05M / 5/15/2013 / Regular sample	SB915-0126-01 / SB915-WB-05M / 08/19/2013 / Regular sample	SB915-0139-02 / SB915-WB-05M / 10/29/2013 / Regular sample	SB915-0154-03 / SB915-WB-05M / 2/5/2014 / Regular sample	SB915-0176-02 / SB915-WB-05M / 05/16/2014 / Regular sample	SB915-0190-02 / SB915-WB-05M / 08/15/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L				[0.028J]	[0.035J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.51]	[1.73]	[1.63]	[1.5]		[1.5J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[26]	[28.8]	[28.9]	[26]	[31]	[30]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[104]	[117]	[111]	[110]	[110]	[110]
MANGANESE	0.3(S)	mg/L	[1.76]	[1.87]	[1.81]	[1.6]	[1.7]	[1.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3510]	[3410]	[3520]	[3300]	[3700]	[3400]
THALLIUM	0.0005(G)	mg/L				[0.028J]	[0.024J]	

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0217-04 / SB915-WB-05M / 11/14/2014 / Regular sample	SB915-0231-04 / SB915-WB-05M / 02/16/2015 / Regular sample	SB915-0255-05 / SB915-WB-05M / 05/12/2015 / Regular sample	SB915-0266-08 / SB915-WB-05M / 07/23/2015 / Regular sample	SB915-0282-01 / SB915-WB-05M / 10/20/2015 / Regular sample	SB915-0335-02 / SB915-WB-05M / 08/04/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L					[0.036J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[1.5J]		[1.6J]		[1.5J]	[1.8J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[31]	[29]	[33]	[30]	[29]	[31]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[110]	[110]	[120]	[110]	[110]	[110]
MANGANESE	0.3(S)	mg/L	[1.6]	[1.7]	[1.6]	[1.6]	[1.7]	[1.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.017J+]		[0.032J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3600]	[3400]	[4000]	[3500]	[3400]	[3600]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0357-05	SB915-0314-07	SB915-0299-02	SB915-0414-06	SB915-0369-07	SB915-0053-01
		Location	SB915-WB-05M	SB915-WB-05M	SB915-WB-05M	SB915-WB-05M	SB915-WB-05M	SB915-WB-05M
		Sample Date	10/19/2016	05/06/2016	02/12/2016	10/18/2017	02/15/2017	05/24/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L	[2.3]		[1.5J]	[1.3J]	[3.5]	[1.4]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L					[0.2J]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[35]	[27]	[29]	[29]	[84]	[30]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[120]	[100]	[110]	[100]	[170J]	[110]
MANGANESE	0.3(S)	mg/L	[1.8]	[1.6J]	[1.6]	[1.7]	[2.7]	[1.9]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.18]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[4000]	[3100]	[3400]	[3400]	[7700J]	[3800]
THALLIUM	0.0005(G)	mg/L					[0.17J]	

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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0063-05 / SB915-WB-05M / 07/25/2012 / Regular sample / mg/L	SB915-0080-03 / SB915-WB-05M / 11/14/2012 / Regular sample / mg/L	SB915-0106-04 / SB915-WB-05R / 5/15/2013 / Regular sample / mg/L	SB915-0127-01 / SB915-WB-05R / 08/20/2013 / Regular sample / mg/L	SB915-0148-03 / SB915-WB-05R / 11/12/2013 / Regular sample / mg/L	SB915-0163-03 / SB915-WB-05R / 2/18/2014 / Regular sample / mg/L
ANTIMONY	0.003(G)						[0.0156J]	[0.11J]
ARSENIC	0.025(S)							
BARIUM	1(S)		[1.3J]					
BERYLLIUM	0.003(G)							
BORON	1(S)				[3.47]	[4.65]	[5.38]	[5.9J]
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[29]	[38]	[23.5]	[23.4]	[21.5]	[33]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[120]	[150]	[1120]	[1160]	[1020]	[1500]
MANGANESE	0.3(S)		[1.9]	[2.2]	[7.65]	[7.68]	[7.23]	[9.9]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)							
SILVER	0.05(S)						[0.0678]	
SODIUM	20(S)		[3600]	[4600]	[70700]	[67400]	[72700J]	[74000]
THALLIUM	0.0005(G)							

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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0182-02	SB915-0198-03	SB915-0217-03	SB915-0240-03	SB915-0254-02	SB915-0275-01
		Location	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R
		Sample Date	05/27/2014	08/27/2014	11/14/2014	02/27/2015	05/11/2015	08/05/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						[0.046J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L			[4.8J]		[4.8]	[5.4]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.31J]		[0.22J]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[26]	[23]	[24]	[26]	[22]	[26]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[1200]	[1200]	[1200]	[1300]	[1100]	[1200]
MANGANESE	0.3(S)	mg/L	[7.3]	[7]	[6.8]	[7.3J]	[5.8]	[6.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.058J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[69000]	[67000]	[66000]	[66000]	[60000]	[59000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0292-04	SB915-0347-05	SB915-0363-10	SB915-0328-03	SB915-0306-07	SB915-0420-01
			Location	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R	SB915-WB-05R
			Sample Date	11/04/2015	08/23/2016	10/31/2016	05/31/2016	02/23/2016	10/27/2017
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.09J]		[0.04J]		
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L			[5.2]	[6.4J]	[5.6]	[5.4]	[7]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[27]	[26]	[30]	[26]	[26]	[33J]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[1300]	[1300]	[1600]	[1300]	[1400]	[1700]
MANGANESE	0.3(S)	mg/L		[7.5]	[7.9]	[8.7]	[7.9]	[7.1]	[11J]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L						[0.064J]	[0.1J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[64000]	[65000]	[72000]	[66000]	[62000]	[79000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
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Table 11
Honeywell
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0376-02 / SB915-WB-05R / 02/23/2017 / Regular Sample	SB915-0046-04 / SB915-WB-05R / 05/01/2012 / Regular sample	SB915-0062-04 / SB915-WB-05R / 07/24/2012 / Regular sample	SB915-0079-03 / SB915-WB-05R / 11/13/2012 / Regular sample	SB915-0106-01 / SB915-WB-05U / 5/15/2013 / Regular sample	SB915-0126-02 / SB915-WB-05U / 08/19/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.013J]			
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						[1.3]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[5]	[5.8B]	[5.7]			
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[23]	[30]	[27J]	[21]		
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[1200]	[1500]	[1500]	[990]		
MANGANESE	0.3(S)	mg/L	[7.4]	[9.9]	[9.5]	[6]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.077J]					
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[68000]	[65000]	[62000]	[38000]	[1120]	[1340]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0139-01 / SB915-WB-05U / 10/29/2013 / Regular sample / mg/L	SB915-0154-04 / SB915-WB-05U / 2/5/2014 / Regular sample / mg/L	SB915-0176-01 / SB915-WB-05U / 05/16/2014 / Regular sample / mg/L	SB915-0190-01 / SB915-WB-05U / 08/15/2014 / Regular sample / mg/L	SB915-0254-01 / SB915-WB-05U / 05/11/2015 / Regular sample / mg/L	SB915-0046-01 / SB915-WB-05U / 05/01/2012 / Regular sample / mg/L
ANTIMONY	0.003(G)			[0.018J]				
ARSENIC	0.025(S)							
BARIUM	1(S)		[1.58]	[1.3]		[1.4]		[1.3]
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)							
LEAD	0.025(S)							
MAGNESIUM	35(G)							
MANGANESE	0.3(S)							
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)					[0.016J+]	[0.019J]	
SILVER	0.05(S)							
SODIUM	20(S)		[1610]	[1500]	[1300]	[1500]	[870]	[1500]
THALLIUM	0.0005(G)				[0.015J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0062-01 / SB915-WB-05U / 07/24/2012 / Regular sample	SB915-0112-07 / SB915-WB-06 / 5/23/2013 / Regular sample	SB915-0135-01 / SB915-WB-06 / 09/09/2013 / Regular sample	SB915-0145-02 / SB915-WB-06 / 11/07/2013 / Regular sample	SB915-0159-04 / SB915-WB-06 / 2/12/2014 / Regular sample	SB915-0180-05 / SB915-WB-06 / 05/22/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0353J]			[0.099J]	[0.11]
ARSENIC	0.025(S)	mg/L				[0.0292J]		
BARIUM	1(S)	mg/L	[1.8J]	[39.6]	[38.5]	[36.8]	[31]	[35]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[65.2]	[66.7]	[64]	[56]	[69]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L		[128]	[136]	[129]	[110]	[130]
MANGANESE	0.3(S)	mg/L		[7.42]	[7.72]	[7.57]	[6.3]	[7.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L		[0.103J]		[0.234]		
SODIUM	20(S)	mg/L	[2000]	[13000]	[11900]	[13200]	[11000]	[14000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0198-02 / SB915-WB-06 / 08/27/2014 / Regular sample	SB915-0220-03 / SB915-WB-06 / 11/19/2014 / Regular sample	SB915-0237-01 / SB915-WB-06 / 02/24/2015 / Regular sample	SB915-0258-03 / SB915-WB-06 / 05/15/2015 / Regular sample	SB915-0276-02 / SB915-WB-06 / 08/06/2015 / Regular sample	SB915-0285-02 / SB915-WB-06 / 10/23/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.045J]	[0.056J]
ARSENIC	0.025(S)	mg/L		[0.049J]				
BARIUM	1(S)	mg/L	[30]	[39]	[31]	[28]	[28]	[27]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.32]	[0.39]	[0.37]	[0.28]		
CYANIDE	0.2(S)	mg/L		[0.83]				
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[61]	[74]	[67]	[66]	[65]	[62]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[110]	[140]	[120]	[110]	[110]	[110]
MANGANESE	0.3(S)	mg/L	[6.3]	[9.7]	[6.5]	[6.5]	[7.6]	[7.8]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.081J]	[0.062J]		[0.071J+]		[0.03J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[7000]	[15000]	[13000]	[13000]	[13000]	[12000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0346-03 / SB915-WB-06 / 08/22/2016 / Regular Sample	SB915-0356-01 / SB915-WB-06 / 10/18/2016 / Regular Sample	SB915-0323-02 / SB915-WB-06 / 05/23/2016 / Regular Sample	SB915-0303-03 / SB915-WB-06 / 02/18/2016 / Regular Sample	SB915-0410-09 / SB915-WB-06 / 10/12/2017 / Regular Sample	SB915-0368-09 / SB915-WB-06 / 02/14/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L		[0.055J]	[0.081J]	[0.042J]		
BARIUM	1(S)	mg/L	[25]	[23]	[26]	[26]	[24]	[23]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.25]	[0.22J]	[0.21J]		[0.33]	[0.39]
CYANIDE	0.2(S)	mg/L	[0.61]					
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[63J]	[62]	[66]	[65]	[74]	[68J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[110]	[110]	[120]	[110]	[140]	[120]
MANGANESE	0.3(S)	mg/L	[7.5]	[7.1J]	[7.4J]	[7.2J]	[11]	[9.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L					[0.12J]	[0.16J]
SELENIUM	0.01(S)	mg/L		[0.1]	[0.1]	[0.1]	[0.2]	[0.32]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[14000]	[13000]	[13000]	[12000]	[15000J]	[13000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0052-01 / SB915-WB-06 / 05/23/2012 / Regular sample / mg/L	SB915-0063-04 / SB915-WB-06 / 07/25/2012 / Regular sample / mg/L	SB915-0082-01 / SB915-WB-06 / 11/16/2012 / Regular sample / mg/L	SB915-0111-01 / SB915-WB-07L / 5/22/2013 / Regular sample / mg/L	SB915-0122-02 / SB915-WB-07L / 08/13/2013 / Regular sample / mg/L	SB915-0140-03 / SB915-WB-07L / 10/30/2013 / Regular sample / mg/L
ANTIMONY	0.003(G)	mg/L				[0.023J]		
ARSENIC	0.025(S)	mg/L				[0.0339J]		[0.0346J]
BARIUM	1(S)	mg/L	[40]	[39]				
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[53B]	[64]	[71]	[41.2]	[38.6]	[40.2]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[100]	[130]	[140]	[344]	[329]	[347]
MANGANESE	0.3(S)	mg/L	[6]	[7]	[7.4]	[2.99]	[2.79J+]	[3.06]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[13000J]	[13000]	[15000]	[9960]	[10100]	[11000J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0156-02 / SB915-WB-07L / 2/7/2014 / Regular sample	SB915-0174-02 / SB915-WB-07L / 05/14/2014 / Regular sample	SB915-0188-01 / SB915-WB-07L / 08/13/2014 / Regular sample	SB915-0213-01 / SB915-WB-07L / 11/10/2014 / Regular sample	SB915-0228-06 / SB915-WB-07L / 02/11/2015 / Regular sample	SB915-0251-06 / SB915-WB-07L / 05/06/2015 / Regular sample
ANTIMONY	0.003(G)	mg/L	[0.093J]	[0.091J]				
ARSENIC	0.025(S)	mg/L			[0.039J]	[0.061J]		
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L			[0.23J]	[0.2J]	[0.27]	
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[54]	[44]	[43]	[42]	[39]	[41]
LEAD	0.025(S)	mg/L						[0.095J]
MAGNESIUM	35(G)	mg/L	[460]	[370]	[380]	[350]	[360]	[350]
MANGANESE	0.3(S)	mg/L	[3.6]	[2.9]	[2.9]	[2.5]	[2.6J]	[2.4]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.02J+]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[13000]	[11000]	[11000]	[11000J]	[11000]	[10000J]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0266-01	SB915-0282-03	SB915-0340-02	SB915-0357-09	SB915-0321-01	SB915-0302-06
			Location	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L
			Sample Date	07/23/2015	10/20/2015	08/12/2016	10/19/2016	05/19/2016	02/17/2016
			Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.052J]				[0.053J]
ARSENIC	0.025(S)	mg/L		[0.03J]				[0.06J]	
BARIUM	1(S)	mg/L				[1.8J]			
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L				[1.3J]			
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L				[1.4]			
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[41]	[39]	[390]	[51]	[43]	[40]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[340]	[320]	[3300]	[430]	[360]	[340]
MANGANESE	0.3(S)	mg/L		[2.5]	[2.7]	[23]	[3.2]	[2.6]	[2.8]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.021J]		[0.75]	[0.071J]	[0.081J]	[0.032J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[10000]	[9400]	[97000]	[13000]	[10000]	[10000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
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Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0413-04	SB915-0370-03	SB915-0043-03	SB915-0062-09	SB915-0080-05	SB915-0109-03
		Location	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07L	SB915-WB-07R
		Sample Date	10/17/2017	02/15/2017	04/26/2012	07/24/2012	11/14/2012	5/20/2013
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[3.4]			
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L				[3.7]		
COPPER	0.2(S)	mg/L		[0.23J]				
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[43]	[45]		[71J]	[40]	[4.59]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[360]	[390J]		[370]	[330]	[425]
MANGANESE	0.3(S)	mg/L	[3.1J]	[3.3]		[3.8]	[2.7]	[3.89]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L	[0.1J]					
SELENIUM	0.01(S)	mg/L	[0.094J]	[0.2]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[11000J]	[7400B]	[10000]	[10000]	[56800]
THALLIUM	0.0005(G)	mg/L		[0.27J]				

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0122-04	SB915-0140-04	SB915-0156-04	SB915-0174-05	SB915-0188-06	SB915-0213-03
		Location	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R
		Sample Date	08/13/2013	10/30/2013	2/7/2014	05/14/2014	08/13/2014	11/10/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L					[0.04J]	
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						[1.1J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L	[0.272]					
COPPER	0.2(S)	mg/L	[0.274]					
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[4.5]	[5.32]	[2.8J]		[0.81J]	[3.6J]
LEAD	0.025(S)	mg/L	[1.3]					
MAGNESIUM	35(G)	mg/L	[379]	[452]	[350]	[420]	[380]	[430]
MANGANESE	0.3(S)	mg/L	[3.04J+]	[3.81]	[2.9]	[3.2]	[2.7]	[3.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L	[0.0404J]	[0.0304J]	[0.15J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[36000]	[63900J]	[49000]	[58000]	[52000]	[61000J]
THALLIUM	0.0005(G)	mg/L				[0.084J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0240-01 / SB915-WB-07R / 02/27/2015 / Regular sample	SB915-0251-03 / SB915-WB-07R / 05/06/2015 / Regular sample	SB915-0275-03 / SB915-WB-07R / 08/05/2015 / Regular sample	SB915-0291-03 / SB915-WB-07R / 11/03/2015 / Regular sample	SB915-0347-04 / SB915-WB-07R / 08/23/2016 / Regular Sample	SB915-0363-04 / SB915-WB-07R / 10/31/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.033J]			
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						[1.2J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[3.6]	[3.5]	[3.5]	[3.9]		[3.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[420]	[420]	[400]	[410]	[430J]	[380]
MANGANESE	0.3(S)	mg/L	[2.9J]	[3.3]	[3]	[2.7]	[3.4]	[2.4J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L				[0.043J]		[0.042J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[59000]	[60000J]	[10000]	[57000]	[58000]	[54000]
THALLIUM	0.0005(G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0328-02	SB915-0306-05	SB915-0419-10	SB915-0373-04	SB915-0043-04	SB915-0060-03
			Location	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R	SB915-WB-07R
			Sample Date	05/31/2016	02/23/2016	10/26/2017	02/20/2017	04/26/2012	07/20/2012
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							[0.03J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[1.1J]		[1.4J]	[1.4J]		
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[3.5]	[3]	[5.3]	[3.4]	[0.96J]	[1.3]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[410]	[410]	[420]	[450]	[450J]	[430]
MANGANESE	0.3(S)	mg/L		[3.3]	[2.8]	[3.6J]	[3.9]	[3.4]	[3.3]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L			[0.041J]		[0.052J]		
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[61000]	[56000]	[61000]	[66000]	[57000B]	[55000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0081-04 / SB915-WB-07R / 11/15/2012 / Regular sample	SB915-0111-04 / SB915-WB-07U / 5/22/2013 / Regular sample	SB915-0122-03 / SB915-WB-07U / 08/13/2013 / Regular sample	SB915-0140-02 / SB915-WB-07U / 10/30/2013 / Regular sample	SB915-0156-03 / SB915-WB-07U / 2/7/2014 / Regular sample	SB915-0174-06 / SB915-WB-07U / 05/14/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L					[0.021J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[6.1]	[15]	[17.6]	[15.4]	[17]	[15]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[490]	[147]	[161]	[151]	[160]	[140]
MANGANESE	0.3(S)	mg/L	[4.3]	[0.572]	[0.619J+]	[0.602]	[0.62]	[0.51]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.0211J]			
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[66000]	[2890]	[2830]	[2890J]	[3300]	[2900]
THALLIUM	0.0005(G)	mg/L					[0.029J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0188-04 SB915-WB-07U 08/13/2014 Regular sample	SB915-0213-02 SB915-WB-07U 11/10/2014 Regular sample	SB915-0228-08 SB915-WB-07U 02/11/2015 Regular sample	SB915-0251-04 SB915-WB-07U 05/06/2015 Regular sample	SB915-0266-02 SB915-WB-07U 07/23/2015 Regular sample	SB915-0282-04 SB915-WB-07U 10/20/2015 Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[14]	[15]	[14]	[14]	[14]	[13]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[130]	[140]	[130]	[130]	[130]	[130]
MANGANESE	0.3(S)	mg/L	[0.51]	[0.5]	[0.49J]	[0.47]	[0.47]	[0.47]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.021J]	[0.027J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[2600]	[2800J]	[2600]	[2500J]	[2600]	[2400]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0340-01	SB915-0357-10	SB915-0321-02	SB915-0302-05	SB915-0413-06	SB915-0370-02
			Location	SB915-WB-07U	SB915-WB-07U	SB915-WB-07U	SB915-WB-07U	SB915-WB-07U	SB915-WB-07U
			Sample Date	08/12/2016	10/19/2016	05/19/2016	02/17/2016	10/17/2017	02/15/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L							
ARSENIC	0.025(S)	mg/L							
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L		[2.1]					
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L		[0.26]					
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[120]	[15]	[13]	[16]	[12]	[15]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[1200]	[140]	[130]	[130]	[120]	[140J]
MANGANESE	0.3(S)	mg/L		[3.7]	[0.48]	[0.48]	[0.45]	[0.45J]	[0.53]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L		[0.19J]					
SELENIUM	0.01(S)	mg/L		[0.14]					[0.039J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[23000]	[2600]	[2400]	[2300]	[2200]	[2600J]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0043-02	SB915-0060-04	SB915-0080-06	SB915-0110-01	SB915-0130-02	SB915-0146-01
			Location	SB915-WB-07U	SB915-WB-07U	SB915-WB-07U	SB915-WB-09L	SB915-WB-09L	SB915-WB-09L
			Sample Date	04/26/2012	07/20/2012	11/14/2012	5/21/2013	08/23/2013	11/08/2013
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L					[0.0382J]		
ARSENIC	0.025(S)	mg/L						[0.0371J]	
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							[1.27]
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[18B]	[19]	[15]	[56.2]	[43.1]	[54.7]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[140J]	[160]	[140]	[177]	[220]	[194]
MANGANESE	0.3(S)	mg/L		[0.58]	[0.63]	[0.54]	[7.13]	[3.23]	[7.16]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L					[0.0717J]		[0.163]
SODIUM	20(S)	mg/L		[3100B]	[3100]	[2900]	[10800]	[9290]	[10500]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0162-01	SB915-0173-06	SB915-0193-05	SB915-0218-03	SB915-0233-04	SB915-0259-02
			Location	SB915-WB-09L	SB915-WB-09L	SB915-WB-09L	SB915-WB-09L	SB915-WB-09L	SB915-WB-09L
			Sample Date	2/17/2014	05/13/2014	08/20/2014	11/17/2014	02/18/2015	05/18/2015
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L		[0.077J]	[0.098J]				
ARSENIC	0.025(S)	mg/L				[0.038J]	[0.037J]	[0.035J]	
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L				[1.1J]			
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L				[0.26]		[0.27]	
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[47]	[53]	[53]	[36]	[46]	[35]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[180]	[200]	[200]	[200]	[200]	[230]
MANGANESE	0.3(S)	mg/L		[5.3]	[5.9]	[5.6]	[2.7]	[4.4]	[2.1]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L				[0.034J]			[0.032J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[9900]	[11000]	[11000]	[9200]	[10000]	[9200]
THALLIUM	0.0005(G)	mg/L							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the M

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0268-01 / SB915-WB-09L / 07/27/2015 / Regular sample	SB915-0285-05 / SB915-WB-09L / 10/23/2015 / Regular sample	SB915-0342-03 / SB915-WB-09L / 08/16/2016 / Regular Sample	SB915-0361-06 / SB915-WB-09L / 10/25/2016 / Regular Sample	SB915-0322-05 / SB915-WB-09L / 05/20/2016 / Regular Sample	SB915-0304-02 / SB915-WB-09L / 02/19/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L		[0.053J]				
ARSENIC	0.025(S)	mg/L						[0.046J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[39]	[48]	[51]	[39]	[40]	[39]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[220]	[180]	[250]	[270]	[220]	[220]
MANGANESE	0.3(S)	mg/L	[2.8]	[5.4]	[4.4]	[2.4]	[3.1]	[2.9J]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L			[0.099J]	[0.094J]	[0.075J]	[0.064J]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9200]	[9600]	[12000]	[10000]	[9600]	[9100]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0414-02 / SB915-WB-09L / 10/18/2017 / Regular Sample	SB915-0372-01 / SB915-WB-09L / 02/17/2017 / Regular Sample	SB915-0041-01 / SB915-WB-09L / 04/24/2012 / Regular sample	SB915-0059-03 / SB915-WB-09L / 07/19/2012 / Regular sample	SB915-0077-03 / SB915-WB-09L / 11/09/2012 / Regular sample	SB915-0110-03 / SB915-WB-09U / 5/21/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[1.1J]	[1J]				
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L		[0.22J]				
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[50]	[48]	[31]	[49]	[41]	
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[200]	[200]	[170J]	[210]	[230]	
MANGANESE	0.3(S)	mg/L	[5.8]	[5.5]	[2.6]	[5.1]	[3]	
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L	[0.11J]					
SELENIUM	0.01(S)	mg/L	[0.14]	[0.16]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9900]	[11000]	[9200]	[11000]	[10000]	[935]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0135-02 / SB915-WB-09U / 09/09/2013 / Regular sample	SB915-0146-02 / SB915-WB-09U / 11/08/2013 / Regular sample	SB915-0162-02 / SB915-WB-09U / 2/17/2014 / Regular sample	SB915-0173-05 / SB915-WB-09U / 05/13/2014 / Regular sample	SB915-0268-03 / SB915-WB-09U / 07/27/2015 / Regular sample	SB915-0324-02 / SB915-WB-09U / 05/24/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[0.369J]	[0.34J]			[2.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						
MANGANESE	0.3(S)	mg/L						[0.34]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[991]	[1140]	[520]	[910]	[730]	[410]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0306-08 / SB915-WB-09U / 02/23/2016 / Regular Sample	SB915-0372-09 / SB915-WB-09U / 02/17/2017 / Regular Sample	SB915-0040-01 / SB915-WB-09U / 04/23/2012 / Regular sample	SB915-0059-04 / SB915-WB-09U / 07/19/2012 / Regular sample	SB915-0077-01 / SB915-WB-09U / 11/09/2012 / Regular sample	SB915-0110-02 / SB915-WB-10L / 5/21/2013 / Regular sample
ANTIMONY	0.003(G)	mg/L						[0.0265J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1]	[1.2J]		
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[2.2]	[1.4]				[71.5]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L						[211]
MANGANESE	0.3(S)	mg/L	[0.34]					[2.76]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						[0.0658J]
SODIUM	20(S)	mg/L	[230]	[270]	[1600]	[1800]	[1800]	[10700]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0131-01	SB915-0146-04	SB915-0163-01	SB915-0173-07	SB915-0193-04	SB915-0218-02
			Location	SB915-WB-10L	SB915-WB-10L	SB915-WB-10L	SB915-WB-10L	SB915-WB-10L	SB915-WB-10L
			Sample Date	08/26/2013	11/08/2013	2/18/2014	05/13/2014	08/20/2014	11/17/2014
			Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
ANTIMONY	0.003(G)	mg/L				[0.056J]	[0.072J]		
ARSENIC	0.025(S)	mg/L		[0.0291J]				[0.051J]	[0.03J]
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L						[0.24J]	[0.25]
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[65.4]	[72.5]	[53]	[56]	[70]	[73]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[213]	[228]	[170]	[220]	[220]	[240]
MANGANESE	0.3(S)	mg/L		[2.69]	[2.9]	[2]	[2.3]	[2.5]	[2.6]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L							
SILVER	0.05(S)	mg/L			[0.149]				
SODIUM	20(S)	mg/L		[5720]	[10400]	[8500]	[10000]	[11000]	[12000]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0233-01 / SB915-WB-10L / 02/18/2015 / Regular sample	SB915-0259-03 / SB915-WB-10L / 05/18/2015 / Regular sample	SB915-0276-03 / SB915-WB-10L / 08/06/2015 / Regular sample	SB915-0284-02 / SB915-WB-10L / 10/22/2015 / Regular sample	SB915-0342-06 / SB915-WB-10L / 08/16/2016 / Regular Sample	SB915-0359-01 / SB915-WB-10L / 10/21/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L			[0.027J]	[0.051J]		
ARSENIC	0.025(S)	mg/L	[0.033J]					
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L	[0.27]					
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[65]	[65]	[74]	[59]	[63]	[62]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[210]	[220]	[210]	[190]	[210]	[200]
MANGANESE	0.3(S)	mg/L	[2.5]	[2.4]	[2.8]	[2.5]	[2.5]	[2.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.086J]		[0.054J]	[0.093J]	[0.13]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[11000]	[11000]	[11000]	[9600]	[11000]	[11000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0322-04 / SB915-WB-10L / 05/20/2016 / Regular Sample	SB915-0304-01 / SB915-WB-10L / 02/19/2016 / Regular Sample	SB915-0412-09 / SB915-WB-10L / 10/16/2017 / Regular Sample	SB915-0372-04 / SB915-WB-10L / 02/17/2017 / Regular Sample	SB915-0040-02 / SB915-WB-10L / 04/23/2012 / Regular sample	SB915-0059-02 / SB915-WB-10L / 07/19/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L				[5]		
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[55]	[62]	[61]	[23]	[57]	[72]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[190]	[210]	[210]	[1200]	[170J]	[230]
MANGANESE	0.3(S)	mg/L	[2.2]	[2.4J]	[2.9J]	[7.4]	[2.4]	[2.8]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L			[0.1J]			
SELENIUM	0.01(S)	mg/L	[0.095J]	[0.062J]	[0.13]	[0.077J]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[9200]	[10000]	[11000]	[68000]	[11000]	[11000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0078-05 / SB915-WB-10L / 11/12/2012 / Regular sample	SB915-0111-06 / SB915-WB-10U / 5/22/2013 / Regular sample	SB915-0150-04 / SB915-WB-10U / 11/14/2013 / Regular sample	SB915-0167-04 / SB915-WB-10U / 2/24/2014 / Regular sample	SB915-0173-08 / SB915-WB-10U / 05/13/2014 / Regular sample	SB915-0198-05 / SB915-WB-10U / 08/27/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L		[0.0184J]	[0.0216J]	[0.024J]	[0.032J]	
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L		[3.96]	[3.8]	[1.1J]		[1.1J]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[57]	[40]	[38.2]	[13]		[0.89J]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[200]	[77.4]	[69.2]			
MANGANESE	0.3(S)	mg/L	[2.3]	[4.92]	[4.88]	[1.5]		
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L			[0.0679]			
SODIUM	20(S)	mg/L	[9500]	[5510]	[5070J]	[1800]	[710]	[1700]
THALLIUM	0.0005(G)	mg/L				[0.028J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0233-02 / SB915-WB-10U / 02/18/2015 / Regular sample	SB915-0263-06 / SB915-WB-10U / 05/22/2015 / Regular sample	SB915-0277-05 / SB915-WB-10U / 08/07/2015 / Regular sample	SB915-0288-07 / SB915-WB-10U / 10/28/2015 / Regular sample	SB915-0342-10 / SB915-WB-10U / 08/16/2016 / Regular Sample	SB915-0359-04 / SB915-WB-10U / 10/21/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L	[0.047J]			[0.058J]		
BARIUM	1(S)	mg/L	[4.2]	[1.1J]	[4.2]	[4]	[1.2J]	
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[19]	[1.6]	[32]	[56]		[1.9]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[64]			[120]		[35]
MANGANESE	0.3(S)	mg/L	[3.2]		[3]	[4.5]		[0.32]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.013]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[5400]	[1400]	[5600]	[5400]	[1800]	[610]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0323-01	SB915-0305-04	SB915-0413-02	SB915-0372-07	SB915-0041-03	SB915-0060-11
		Location	SB915-WB-10U	SB915-WB-10U	SB915-WB-10U	SB915-WB-10U	SB915-WB-10U	SB915-WB-10U
		Sample Date	05/23/2016	02/22/2016	10/17/2017	02/17/2017	04/24/2012	07/20/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
		Units						
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[4.4]	[23]	[3.6]	[5.6]
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L				[0.39]		
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L		[3.4]	[27]	[68J]	[51]	[89]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L			[81]	[120]	[130J]	[120]
MANGANESE	0.3(S)	mg/L			[1.4J]	[9.3]	[5.7]	[6.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L				[0.16J]		
SELENIUM	0.01(S)	mg/L	[0.06J]	[0.014]	[0.079J]	[0.32]		
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[860]	[1200]	[5800]	[13000]	[3400]	[5900]
THALLIUM	0.0005(G)	mg/L						

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0080-04 / SB915-WB-10U / 11/14/2012 / Regular sample	SB915-0292-05 / SB915-WB-15B/15S / 11/04/2015 / Regular sample	SB915-0364-04 / SB915-WB-15B/15S / 11/01/2016 / Regular Sample	SB915-0319-03 / SB915-WB-15B/15S / 05/13/2016 / Regular Sample	SB915-0301-03 / SB915-WB-15B/15S / 02/16/2016 / Regular Sample	SB915-0368-02 / SB915-WB-15B/15S / 02/14/2017 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L			[1J]			
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L						
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						[0.23J]
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[52]					[45]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[340]					[390J]
MANGANESE	0.3(S)	mg/L	[14]					[3.3]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						[0.2]
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[3200]	[440]	[310]	[260]	[300]	[11000J]
THALLIUM	0.0005(G)	mg/L						[0.27J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0112-01 / WB18-MW-14BR / 5/23/2013 / Regular sample	SB915-0120-04 / WB18-MW-14BR / 08/09/2013 / Regular sample	SB915-0145-04 / WB18-MW-14BR / 11/07/2013 / Regular sample	SB915-0159-01 / WB18-MW-14BR / 2/12/2014 / Regular sample	SB915-0180-06 / WB18-MW-14BR / 05/22/2014 / Regular sample	SB915-0189-04 / WB18-MW-14BR / 08/14/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[2.88J]	[2.85]	[3.98]			[3.4J]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.2]	[6.8]	[7.08]	[10]		[7.7]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[457]	[419]	[440]	[560]		[490]
MANGANESE	0.3(S)	mg/L	[2.69]	[2.22J+]	[2.67]	[3.1]	[2.5]	[2]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L		[0.032J]				
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[64700]	[45000]	[65200]	[74000]	[67000]	[67000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0220-02 / WB18-MW-14BR / 11/19/2014 / Regular sample	SB915-0239-01 / WB18-MW-14BR / 02/26/2015 / Regular sample	SB915-0258-02 / WB18-MW-14BR / 05/15/2015 / Regular sample	SB915-0269-02 / WB18-MW-14BR / 07/28/2015 / Regular sample	SB915-0285-03 / WB18-MW-14BR / 10/23/2015 / Regular sample	SB915-0342-07 / WB18-MW-14BR / 08/16/2016 / Regular Sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.6J]	[3.8]	[3.6J]	[3.7]	[3.3J]	
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L	[0.074J]					
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[8.3]	[7.1]	[7.9]	[7.7]	[7.5J]	[8.5]
LEAD	0.025(S)	mg/L			[0.094J]			
MAGNESIUM	35(G)	mg/L	[470]	[460]	[460]	[450]		[550]
MANGANESE	0.3(S)	mg/L	[2.7]	[2]	[2.1]	[2.1]	[2.5]	[2.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[65000]	[64000]	[59000]	[61000]	[63000]	[72000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0356-04 / WB18-MW-14BR / 10/18/2016 / Regular Sample	SB915-0318-01 / WB18-MW-14BR / 05/12/2016 / Regular Sample	SB915-0303-01 / WB18-MW-14BR / 02/18/2016 / Regular Sample	SB915-0416-03 / WB18-MW-14BR / 10/20/2017 / Regular Sample	SB915-0368-03 / WB18-MW-14BR / 02/14/2017 / Regular Sample	SB915-0049-04 / WB18-MW-14BR / 05/04/2012 / Regular sample
ANTIMONY	0.003(G)	mg/L						
ARSENIC	0.025(S)	mg/L			[0.038J]			[0.028J]
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L		[3.5]	[4.1]	[3.7J]	[1.4J]	[3.4B]
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[9.5]	[7]	[7.6]	[7.6J]	[3.4]	[7.1B]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[580]	[440]	[450]	[490]	[450]	[490]
MANGANESE	0.3(S)	mg/L	[2.9J]	[2]	[2J]	[2.8]	[3.9]	[2.7]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L					[0.052J]	
SILVER	0.05(S)	mg/L						
SODIUM	20(S)	mg/L	[76000]	[61000]	[60000]	[66000J]	[66000]	[65000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0063-02 / WB18-MW-14BR / 07/25/2012 / Regular sample	SB915-0075-02 / WB18-MW-14BR / 11/07/2012 / Regular sample	SB915-0112-04 / WB18-MW-14D / 5/23/2013 / Regular sample	SB915-0120-03 / WB18-MW-14D / 08/09/2013 / Regular sample	SB915-0145-03 / WB18-MW-14D / 11/07/2013 / Regular sample	SB915-0159-02 / WB18-MW-14D / 2/12/2014 / Regular sample
ANTIMONY	0.003(G)	mg/L			[0.0235J]			[0.074J]
ARSENIC	0.025(S)	mg/L						
BARIUM	1(S)	mg/L						
BERYLLIUM	0.003(G)	mg/L						
BORON	1(S)	mg/L	[3.1]					
CADMIUM	0.005(S)	mg/L						
CHROMIUM	0.05(S)	mg/L						
COPPER	0.2(S)	mg/L						
CYANIDE	0.2(S)	mg/L						
HEXAVALENT CHROMIUM	0.05(S)	mg/L						
IRON	0.3(S)	mg/L	[7.1]	[8.1]	[50.8]	[46]	[51]	[61]
LEAD	0.025(S)	mg/L						
MAGNESIUM	35(G)	mg/L	[440]	[410]	[110]	[109]	[120]	[130]
MANGANESE	0.3(S)	mg/L	[2]	[2]	[3.2]	[2.88J+]	[3.21]	[3.5]
MERCURY	0.0007(S)	mg/L						
NICKEL	0.1(S)	mg/L						
SELENIUM	0.01(S)	mg/L						
SILVER	0.05(S)	mg/L					[0.0961]	
SODIUM	20(S)	mg/L	[45000]	[60000]	[6080]	[5890]	[5480]	[7000]
THALLIUM	0.0005(G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0180-04 / WB18-MW-14D / 05/22/2014 / Regular sample / mg/L	SB915-0189-03 / WB18-MW-14D / 08/14/2014 / Regular sample / mg/L	SB915-0220-01 / WB18-MW-14D / 11/19/2014 / Regular sample / mg/L	SB915-0239-02 / WB18-MW-14D / 02/26/2015 / Regular sample / mg/L	SB915-0258-01 / WB18-MW-14D / 05/15/2015 / Regular sample / mg/L	SB915-0269-03 / WB18-MW-14D / 07/28/2015 / Regular sample / mg/L
ANTIMONY	0.003(G)		[0.075J]					
ARSENIC	0.025(S)			[0.057J]	[0.06J]			
BARIUM	1(S)							
BERYLLIUM	0.003(G)							
BORON	1(S)							
CADMIUM	0.005(S)							
CHROMIUM	0.05(S)							
COPPER	0.2(S)							
CYANIDE	0.2(S)							
HEXAVALENT CHROMIUM	0.05(S)							
IRON	0.3(S)		[52]	[50]	[57]	[46]	[49]	[50]
LEAD	0.025(S)							
MAGNESIUM	35(G)		[110]	[110]	[120]	[110]	[100]	[100]
MANGANESE	0.3(S)		[2.9]	[2.7]	[3.7]	[2.8]	[2.5]	[2.7]
MERCURY	0.0007(S)							
NICKEL	0.1(S)							
SELENIUM	0.01(S)				[0.04J]			
SILVER	0.05(S)							
SODIUM	20(S)		[6300]	[5900]	[7100]	[5700]	[5600]	[5700]
THALLIUM	0.0005(G)							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0285-04	SB915-0342-01	SB915-0356-06	SB915-0318-02	SB915-0303-02	SB915-0416-02
			Location	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D
			Sample Date	10/23/2015	08/16/2016	10/18/2016	05/12/2016	02/18/2016	10/20/2017
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
ANTIMONY	0.003(G)	mg/L		[0.047J]					
ARSENIC	0.025(S)	mg/L						[0.046J]	
BARIUM	1(S)	mg/L							
BERYLLIUM	0.003(G)	mg/L							
BORON	1(S)	mg/L							
CADMIUM	0.005(S)	mg/L							
CHROMIUM	0.05(S)	mg/L							
COPPER	0.2(S)	mg/L							
CYANIDE	0.2(S)	mg/L							
HEXAVALENT CHROMIUM	0.05(S)	mg/L							
IRON	0.3(S)	mg/L		[46]	[38]	[56]	[45]	[47]	[42J]
LEAD	0.025(S)	mg/L							
MAGNESIUM	35(G)	mg/L		[96]	[76]	[110]	[91]	[95]	[99]
MANGANESE	0.3(S)	mg/L		[2.7]	[2.1]	[3J]	[2.6]	[2.6J]	[2.4]
MERCURY	0.0007(S)	mg/L							
NICKEL	0.1(S)	mg/L							
SELENIUM	0.01(S)	mg/L		[0.034J]	[0.057J]	[0.062J]		[0.045J]	[0.079J]
SILVER	0.05(S)	mg/L							
SODIUM	20(S)	mg/L		[5300]	[4300]	[6300]	[5400]	[5200]	[4900J]
THALLIUM	0.0005(G)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 11
Honeywell
Wastebeds 9-15 Closure Investigation
Ground Water Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0368-07	SB915-0049-03	SB915-0063-03	SB915-0075-01
		Location	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D	WB18-MW-14D
		Sample Date	02/14/2017	05/04/2012	07/25/2012	11/07/2012
		Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample
		Units				
ANTIMONY	0.003(G)	mg/L				
ARSENIC	0.025(S)	mg/L				
BARIUM	1(S)	mg/L				
BERYLLIUM	0.003(G)	mg/L				
BORON	1(S)	mg/L				
CADMIUM	0.005(S)	mg/L				
CHROMIUM	0.05(S)	mg/L				
COPPER	0.2(S)	mg/L				
CYANIDE	0.2(S)	mg/L				
HEXAVALENT CHROMIUM	0.05(S)	mg/L				
IRON	0.3(S)	mg/L	[15]	[41B]	[50]	[47]
LEAD	0.025(S)	mg/L				
MAGNESIUM	35(G)	mg/L	[140J]	[100]	[120]	[100]
MANGANESE	0.3(S)	mg/L	[0.53]	[2.8]	[3.1]	[2.8]
MERCURY	0.0007(S)	mg/L				
NICKEL	0.1(S)	mg/L				
SELENIUM	0.01(S)	mg/L	[0.039J]			
SILVER	0.05(S)	mg/L				
SODIUM	20(S)	mg/L	[2600J]	[6200]	[5900]	[5600]
THALLIUM	0.0005(G)	mg/L				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the M
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0109-04 / SB915-IMW-01S / 5/20/2013 / Regular sample	SB915-0125-01 / SB915-IMW-01S / 08/16/2013 / Regular sample	SB915-0140-01 / SB915-IMW-01S / 10/30/2013 / Regular sample	SB915-0156-01 / SB915-IMW-01S / 2/7/2014 / Regular sample	SB915-0174-01 / SB915-IMW-01S / 05/14/2014 / Regular sample	SB915-0188-07 / SB915-IMW-01S / 08/13/2014 / Regular sample
BROMIDE	2(G)	mg/L	[4.4]	[4.2]	[4.1]			[5.3J]
CHLORIDE	250(S)	mg/L		[8480]	[9970]	[8400]	[8100]	[9100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[20300]	[17800]	[17300]	[15000]	[15000]	[18000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; J+ = Approximate value may be biased high; J- = Approximate value may be biased low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are also Wastebeds 9-15 Closure Inv.

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0222-02 / SB915-IMW-01S / 12/01/2014 / Regular sample	SB915-0251-05 / SB915-IMW-01S / 05/06/2015 / Regular sample	SB915-0266-03 / SB915-IMW-01S / 07/23/2015 / Regular sample	SB915-0283-05 / SB915-IMW-01S / 10/21/2015 / Regular sample	SB915-0228-05 / SB915-IMW-01S / 02/11/2015 / Regular sample	SB915-0341-02 / SB915-IMW-01S / 08/15/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[8.5J]	[6.4J]				[3.9J]
CHLORIDE	250(S)	mg/L	[11000]	[11000]	[9700J]	[9800]	[1100]	[8900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[21000]	[20000]	[21000]	[20000]	[20000]	[23000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0358-04 / SB915-IMW-01S / 10/20/2016 / Regular Sample	SB915-0321-03 / SB915-IMW-01S / 05/19/2016 / Regular Sample	SB915-0302-04 / SB915-IMW-01S / 02/17/2016 / Regular Sample	SB915-0402-02 / SB915-IMW-01S / 07/28/2017 / Regular Sample	SB915-0412-10 / SB915-IMW-01S / 10/16/2017 / Regular Sample	SB915-0383-04 / SB915-IMW-01S / 05/05/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[6.1]	[3.2J]	[4.6J]	[17]	[3.1J]
CHLORIDE	250(S)	mg/L	[11000]	[8500]	[9800]	[10000]	[10000]	[6400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[24000]	[16000]	[16000]	[21000]	[18000]	[14000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0084J]			[0.0055J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0371-03 / SB915-IMW-01S / 02/16/2017 / Regular Sample	SB915-0042-01 / SB915-IMW-01S / 04/25/2012 / Regular sample	SB915-0060-02 / SB915-IMW-01S / 07/20/2012 / Regular sample	SB915-0080-07 / SB915-IMW-01S / 11/14/2012 / Regular sample	SB915-0109-06 / SB915-IMW-02S / 5/20/2013 / Regular sample	SB915-0125-02 / SB915-IMW-02S / 08/16/2013 / Regular sample
BROMIDE	2(G)	mg/L	[5.0J]		[10]		[10.6]	[8.6]
CHLORIDE	250(S)	mg/L	[8100]	[9300]	[9100]	[9200]	[24200]	[22100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[16000]	[18000]	[17000]	[44000]	[43000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.12J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0140-09 / SB915-IMW-02S / 10/30/2013 / Regular sample	SB915-0168-01 / SB915-IMW-02S / 2/25/2014 / Regular sample	SB915-0182-01 / SB915-IMW-02S / 05/27/2014 / Regular sample	SB915-0199-01 / SB915-IMW-02S / 08/28/2014 / Regular sample	SB915-0222-03 / SB915-IMW-02S / 12/01/2014 / Regular sample	SB915-0255-03 / SB915-IMW-02S / 05/12/2015 / Regular sample
BROMIDE	2(G)	mg/L	[6.7]	[15J]	[30]		[21J]	[9.9J]
CHLORIDE	250(S)	mg/L	[22800]	[21000]	[21000]	[22000]	[24000]	[21000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[43500]	[30000]	[49000]	[39000]	[45000]	[41000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0084J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0266-04 / SB915-IMW-02S / 07/23/2015 / Regular sample	SB915-0284-05 / SB915-IMW-02S / 10/22/2015 / Regular sample	SB915-0235-01 / SB915-IMW-02S / 02/20/2015 / Regular sample	SB915-0341-04 / SB915-IMW-02S / 08/15/2016 / Regular Sample	SB915-0358-03 / SB915-IMW-02S / 10/20/2016 / Regular Sample	SB915-0322-01 / SB915-IMW-02S / 05/20/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[11J]	[16]	[7.9J]		[18]
CHLORIDE	250(S)	mg/L	[19000J]	[17000]	[21000J]	[17000]	[17000]	[18000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[2.7]	[2.6]	[2.1]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[41000]	[38000]	[41000]	[42000]	[34000]	[40000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.032]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0302-08 / SB915-IMW-02S / 02/17/2016 / Regular Sample	SB915-0401-11 / SB915-IMW-02S / 07/27/2017 / Regular Sample	SB915-0412-01 / SB915-IMW-02S / 10/16/2017 / Regular Sample	SB915-0382-04 / SB915-IMW-02S / 05/04/2017 / Regular Sample	SB915-0373-03 / SB915-IMW-02S / 02/20/2017 / Regular Sample	SB915-0043-01 / SB915-IMW-02S / 04/26/2012 / Regular sample
BROMIDE	2(G)	mg/L	[7.4J]	[6.1J]	[27]	[5.0J]	[6.6J]	[12]
CHLORIDE	250(S)	mg/L	[19000]	[16000]	[16000]	[14000]	[13000]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[2.9]	[2.6J]	[2.0]	[2.0]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[33000]	[31000]	[30000]	[24000]	[23000]	[41000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0060-09 / SB915-IMW-02S / 07/20/2012 / Regular sample	SB915-0077-04 / SB915-IMW-02S / 11/09/2012 / Regular sample	SB915-0109-05 / SB915-IMW-03S / 5/20/2013 / Regular sample	SB915-0125-03 / SB915-IMW-03S / 08/16/2013 / Regular sample	SB915-0140-08 / SB915-IMW-03S / 10/30/2013 / Regular sample	SB915-0161-01 / SB915-IMW-03S / 2/14/2014 / Regular sample
BROMIDE	2(G)	mg/L	[29]		[11.8]	[10.3]	[7.8]	
CHLORIDE	250(S)	mg/L	[19000]	[20000]	[25900]	[27500]	[24100]	[21000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[42000]	[33000]	[50800]	[53700]	[46500]	[37000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.44]	[0.48]	[0.32]	[0.30J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0181-04 / SB915-IMW-03S / 05/23/2014 / Regular sample	SB915-0199-03 / SB915-IMW-03S / 08/28/2014 / Regular sample	SB915-0222-04 / SB915-IMW-03S / 12/01/2014 / Regular sample	SB915-0257-04 / SB915-IMW-03S / 05/14/2015 / Regular sample	SB915-0266-05 / SB915-IMW-03S / 07/23/2015 / Regular sample	SB915-0284-01 / SB915-IMW-03S / 10/22/2015 / Regular sample
BROMIDE	2(G)	mg/L	[89]	[16J]	[22J]	[17J]		[46]
CHLORIDE	250(S)	mg/L	[22000]	[25000]	[25000]	[21000]	[22000J]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[50000]	[53000J-]	[50000]	[43000]	[51000]	[48000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.44J-]	[0.41]	[0.29]	[0.35J]	[0.57]	[0.52J+]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0235-02 / SB915-IMW-03S / 02/20/2015 / Regular sample	SB915-0342-04 / SB915-IMW-03S / 08/16/2016 / Regular Sample	SB915-0358-01 / SB915-IMW-03S / 10/20/2016 / Regular Sample	SB915-0321-07 / SB915-IMW-03S / 05/19/2016 / Regular Sample	SB915-0302-07 / SB915-IMW-03S / 02/17/2016 / Regular Sample	SB915-0401-07 / SB915-IMW-03S / 07/27/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[17J]	[10J]	[8.0J]	[20J]	[8.9J]	[8.8J]
CHLORIDE	250(S)	mg/L	[22000J]	[23000]	[22000]	[21000]	[22000]	[23000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[24]	[25]	[33J]		[31]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[43000]	[53000]	[48000]	[43000]	[38000]	[43000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.38]	[0.58]	[0.49]	[0.44J+]	[0.44J]	[0.72J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0412-04 / SB915-IMW-03S / 10/16/2017 / Regular Sample	SB915-0383-05 / SB915-IMW-03S / 05/05/2017 / Regular Sample	SB915-0372-05 / SB915-IMW-03S / 02/17/2017 / Regular Sample	SB915-0042-07 / SB915-IMW-03S / 04/25/2012 / Regular sample	SB915-0060-07 / SB915-IMW-03S / 07/20/2012 / Regular sample	SB915-0077-05 / SB915-IMW-03S / 11/09/2012 / Regular sample
BROMIDE	2(G)	mg/L	[7.7J]	[8.4J]	[8.0J]	[9.6J]	[25]	
CHLORIDE	250(S)	mg/L	[20000]	[21000]	[20000]	[25000]	[27000]	[28000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[21J]	[23]	[22]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[37000]	[45000]	[31000]	[45000]	[51000]	[43000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.38]	[0.45]	[0.41]	[0.68]	[1.2]	[13]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0109-07 / SB915-IMW-04S / 5/20/2013 / Regular sample	SB915-0135-03 / SB915-IMW-04S / 09/09/2013 / Regular sample	SB915-0140-07 / SB915-IMW-04S / 10/30/2013 / Regular sample	SB915-0158-04 / SB915-IMW-04S / 2/11/2014 / Regular sample	SB915-0181-01 / SB915-IMW-04S / 05/23/2014 / Regular sample	SB915-0187-03 / SB915-IMW-04S / 08/12/2014 / Regular sample
BROMIDE	2(G)	mg/L				[2.2J+]	[8.0]	[2.3]
CHLORIDE	250(S)	mg/L	[1560]	[1920]	[1580]	[2400]	[1700]	[2000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3230]	[3930]	[3200]	[4100]	[3800]	[4200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0221-04 / SB915-IMW-04S / 11/21/2014 / Regular sample	SB915-0263-04 / SB915-IMW-04S / 05/22/2015 / Regular sample	SB915-0265-12 / SB915-IMW-04S / 07/22/2015 / Regular sample	SB915-0283-03 / SB915-IMW-04S / 10/21/2015 / Regular sample	SB915-0228-02 / SB915-IMW-04S / 02/11/2015 / Regular sample	SB915-0341-05 / SB915-IMW-04S / 08/15/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[2900J]	[1800]	[1300J]	[1900]	[2500]	[2000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6000]	[4100]	[3200]	[4500]	[4500]	[5800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0360-02 / SB915-IMW-04S / 10/24/2016 / Regular Sample	SB915-0322-02 / SB915-IMW-04S / 05/20/2016 / Regular Sample	SB915-0299-07 / SB915-IMW-04S / 02/12/2016 / Regular Sample	SB915-0402-06 / SB915-IMW-04S / 07/28/2017 / Regular Sample	SB915-0412-07 / SB915-IMW-04S / 10/16/2017 / Regular Sample	SB915-0382-03 / SB915-IMW-04S / 05/04/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[4200]	[1400]	[2400]	[1900]	[2200]	[1100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9300]	[3800]	[4700]	[3900]	[4400]	[2500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.038]				[0.0076J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0369-04 / SB915-IMW-04S / 02/15/2017 / Regular Sample	SB915-0042-04 / SB915-IMW-04S / 04/25/2012 / Regular sample	SB915-0060-08 / SB915-IMW-04S / 07/20/2012 / Regular sample	SB915-0077-06 / SB915-IMW-04S / 11/09/2012 / Regular sample	SB915-0109-01 / SB915-IMW-05S / 5/20/2013 / Regular sample	SB915-0131-03 / SB915-IMW-05S / 08/26/2013 / Regular sample
BROMIDE	2(G)	mg/L			[5.1]		[4.3]	[7.3]
CHLORIDE	250(S)	mg/L	[2200]	[3300]	[3200]	[3900]	[8380]	[7960]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4200]	[5800]	[9100]	[7400]	[17400]	[16300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0064J]	[0.22J]	[0.09J]	[0.07J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0140-06 / SB915-IMW-05S / 10/30/2013 / Regular sample	SB915-0161-02 / SB915-IMW-05S / 2/14/2014 / Regular sample	SB915-0177-04 / SB915-IMW-05S / 05/19/2014 / Regular sample	SB915-0188-09 / SB915-IMW-05S / 08/13/2014 / Regular sample	SB915-0221-02 / SB915-IMW-05S / 11/21/2014 / Regular sample	SB915-0251-01 / SB915-IMW-05S / 05/06/2015 / Regular sample
BROMIDE	2(G)	mg/L	[3.5]		[15]	[3.7J]	[23J+]	[4.0J]
CHLORIDE	250(S)	mg/L	[8430]	[8200]	[7900]	[9400]	[9000J]	[7900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14900]	[15000]	[15000]	[14000]	[19000]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.075J]	[0.074J]	[0.095]	[0.16]	[0.099]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0266-06 / SB915-IMW-05S / 07/23/2015 / Regular sample	SB915-0283-07 / SB915-IMW-05S / 10/21/2015 / Regular sample	SB915-0228-03 / SB915-IMW-05S / 02/11/2015 / Regular sample	SB915-0341-01 / SB915-IMW-05S / 08/15/2016 / Regular Sample	SB915-0356-07 / SB915-IMW-05S / 10/18/2016 / Regular Sample	SB915-0322-03 / SB915-IMW-05S / 05/20/2016 / Regular Sample
BROMIDE	2(G)	mg/L				[4.3J]	[3.4J+]	[9.3J]
CHLORIDE	250(S)	mg/L	[6400J]	[7900]	[8300]	[7400]	[8200]	[7800]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[4.9]	[6.0J]	[5.3]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[12000]	[15000]	[13000]	[19000]	[16000]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.11]	[0.11J+]	[0.095]	[0.11]	[0.22]	[0.093J+]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0299-06 / SB915-IMW-05S / 02/12/2016 / Regular Sample	SB915-0402-03 / SB915-IMW-05S / 07/28/2017 / Regular Sample	SB915-0412-06 / SB915-IMW-05S / 10/16/2017 / Regular Sample	SB915-0381-04 / SB915-IMW-05S / 05/03/2017 / Regular Sample	SB915-0369-12 / SB915-IMW-05S / 02/15/2017 / Regular Sample	SB915-0042-03 / SB915-IMW-05S / 04/25/2012 / Regular sample
BROMIDE	2(G)	mg/L		[2.5J]	[2.9J]	[5.0J]	[3.7J]	
CHLORIDE	250(S)	mg/L	[830]	[5900]	[7400]	[7600]	[6900]	[8700]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[5.7J]	[4.6J]	[5.3J-]	[5.0]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[15000]	[12000]	[15000]	[15000]	[11000]	[15000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19J]	[0.096J-]	[0.079]	[0.10]	[0.097]	[0.049]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0060-06 / SB915-IMW-05S / 07/20/2012 / Regular sample	SB915-0078-07 / SB915-IMW-05S / 11/12/2012 / Regular sample	SB915-0109-02 / SB915-IMW-06S / 5/20/2013 / Regular sample	SB915-0131-02 / SB915-IMW-06S / 08/26/2013 / Regular sample	SB915-0140-05 / SB915-IMW-06S / 10/30/2013 / Regular sample	SB915-0161-03 / SB915-IMW-06S / 2/14/2014 / Regular sample
BROMIDE	2(G)	mg/L	[15]		[3.4]	[4.6]	[3.6]	
CHLORIDE	250(S)	mg/L	[7600]	[9700]	[7130]	[8130]	[8530]	[6200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[19000]	[17000]	[15200]	[15200]	[15900]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.077]	[0.17J]	[0.09J]	[0.07J]		[0.062J]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL;

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0177-03 / SB915-IMW-06S / 05/19/2014 / Regular sample	SB915-0188-08 / SB915-IMW-06S / 08/13/2014 / Regular sample	SB915-0221-03 / SB915-IMW-06S / 11/21/2014 / Regular sample	SB915-0251-02 / SB915-IMW-06S / 05/06/2015 / Regular sample	SB915-0266-09 / SB915-IMW-06S / 07/23/2015 / Regular sample	SB915-0283-06 / SB915-IMW-06S / 10/21/2015 / Regular sample
BROMIDE	2(G)	mg/L		[3.5J]		[3.3J]		
CHLORIDE	250(S)	mg/L	[4900]	[8200]	[8700J]	[6200]	[6900J]	[7700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[11000]	[12000]	[18000]	[11000]	[13000]	[15000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.029J]	[0.066]	[0.086]	[0.057]	[0.077]	[0.12J+]

NOTES:

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0228-04 / SB915-IMW-06S / 02/11/2015 / Regular sample	SB915-0341-03 / SB915-IMW-06S / 08/15/2016 / Regular Sample	SB915-0356-08 / SB915-IMW-06S / 10/18/2016 / Regular Sample	SB915-0321-04 / SB915-IMW-06S / 05/19/2016 / Regular Sample	SB915-0299-05 / SB915-IMW-06S / 02/12/2016 / Regular Sample	SB915-0402-01 / SB915-IMW-06S / 07/28/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[3.1J]	[2.9J+]	[5.1]	[3.5J+]	[2.5J]
CHLORIDE	250(S)	mg/L	[8400]	[6700]	[7200]	[5000]	[6200]	[6000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[3.7]	[4.8J]	[2.1]		[3.2J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[17000]	[16000]	[10000]	[12000]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.066]	[0.098]	[0.14]	[0.044J+]	[0.062J]	[0.065J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0412-08 / SB915-IMW-06S / 10/16/2017 / Regular Sample	SB915-0381-05 / SB915-IMW-06S / 05/03/2017 / Regular Sample	SB915-0370-04 / SB915-IMW-06S / 02/15/2017 / Regular Sample	SB915-0042-02 / SB915-IMW-06S / 04/25/2012 / Regular sample	SB915-0060-05 / SB915-IMW-06S / 07/20/2012 / Regular sample	SB915-0078-06 / SB915-IMW-06S / 11/12/2012 / Regular sample
BROMIDE	2(G)	mg/L	[2.6J]		[2.8J]		[12]	
CHLORIDE	250(S)	mg/L	[6700]	[3600]	[4800]	[5900]	[7100]	[8600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.2J]		[2.6]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[13000]	[7500]	[8500]	[11000]	[17000]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.11]	[0.026]	[0.039]	[0.052]	[0.053]	

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0103-03 / SB915-MW-01 / 5/10/2013 / Regular sample	SB915-0158-05 / SB915-MW-01 / 2/11/2014 / Regular sample	SB915-0173-09 / SB915-MW-01 / 05/13/2014 / Regular sample	SB915-0194-03 / SB915-MW-01 / 08/21/2014 / Regular sample	SB915-0212-02 / SB915-MW-01 / 11/07/2014 / Regular sample	SB915-0250-06 / SB915-MW-01 / 05/05/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[620]	[700]	[660]	[1200]	[790]	[860]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0287-02 / SB915-MW-01 / 10/27/2015 / Regular sample	SB915-0352-06 / SB915-MW-01 / 10/11/2016 / Regular Sample	SB915-0316-02 / SB915-MW-01 / 05/10/2016 / Regular Sample	SB915-0297-01 / SB915-MW-01 / 02/10/2016 / Regular Sample	SB915-0400-02 / SB915-MW-01 / 07/26/2017 / Regular Sample	SB915-0380-08 / SB915-MW-01 / 05/02/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L		[280]		[260]		
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[890]	[970]	[910]	[940]	[780]	[870]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0085J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0367-01 / SB915-MW-01 / 02/13/2017 / Regular Sample	SB915-0055-03 / SB915-MW-01 / 05/29/2012 / Regular sample	SB915-0084-03 / SB915-MW-01 / 11/20/2012 / Regular sample	SB915-0103-02 / SB915-MW-03 / 5/10/2013 / Regular sample	SB915-0117-01 / SB915-MW-03 / 08/06/2013 / Regular sample	SB915-0138-08 / SB915-MW-03 / 10/28/2013 / Regular sample
BROMIDE	2(G)	mg/L					[2.6]	[2.2]
CHLORIDE	250(S)	mg/L				[5250]	[4880]	[4710]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[464]	[394]	[328]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[910]		[510J]	[9350]	[9130]	[8580]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.009J]	[0.054]			[0.06J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0168-04 / SB915-MW-03 / 2/25/2014 / Regular sample	SB915-0172-03 / SB915-MW-03 / 05/12/2014 / Regular sample	SB915-0189-02 / SB915-MW-03 / 08/14/2014 / Regular sample	SB915-0209-01 / SB915-MW-03 / 11/04/2014 / Regular sample	SB915-0250-03 / SB915-MW-03 / 05/05/2015 / Regular sample	SB915-0270-06 / SB915-MW-03 / 07/29/2015 / Regular sample
BROMIDE	2(G)	mg/L				[4.6J]	[3.6J]	
CHLORIDE	250(S)	mg/L	[4700]	[5000]	[5000]	[4300J+]	[4500]	[4900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[440]	[420]	[330]	[300]	[420]	[440]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8500]	[10000]	[11000]	[8900]	[9400]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0293-05 / SB915-MW-03 / 11/05/2015 / Regular sample	SB915-0236-02 / SB915-MW-03 / 02/23/2015 / Regular sample	SB915-0333-06 / SB915-MW-03 / 08/02/2016 / Regular Sample	SB915-0352-05 / SB915-MW-03 / 10/11/2016 / Regular Sample	SB915-0315-06 / SB915-MW-03 / 05/09/2016 / Regular Sample	SB915-0300-01 / SB915-MW-03 / 02/15/2016 / Regular Sample
BROMIDE	2(G)	mg/L						[3.3J]
CHLORIDE	250(S)	mg/L	[4400]	[4400]	[4500]	[3600]	[4500]	[4300]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[20]	[18]	[17]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[340]	[330]	[340]		[440]	[400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9000]	[8200]	[9300]	[9200]	[9200]	[8100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.010]			[0.14]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0399-12 / SB915-MW-03 / 07/25/2017 / Regular Sample	SB915-0409-03 / SB915-MW-03 / 10/11/2017 / Regular Sample	SB915-0380-04 / SB915-MW-03 / 05/02/2017 / Regular Sample	SB915-0367-10 / SB915-MW-03 / 02/13/2017 / Regular Sample	SB915-0056-01 / SB915-MW-03 / 05/30/2012 / Regular sample	SB915-0066-01 / SB915-MW-03 / 07/27/2012 / Regular sample
BROMIDE	2(G)	mg/L					[2.8]	
CHLORIDE	250(S)	mg/L	[4000]	[5000]	[3800]	[3800]	[5200]	[5300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[16J]	[18]	[20]	[19]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[400]	[370]	[330]	[380]	[330]	[320]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[10000]	[8300]	[9100]	[7600]	[10000]	[9300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0067J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	sb915-0074-04 / SB915-MW-03 / 11/06/2012 / Regular sample	SB915-0101-06 / SB915-MW-04 / 5/8/2013 / Regular sample	SB915-0116-01 / SB915-MW-04 / 08/05/2013 / Regular sample	SB915-0138-06 / SB915-MW-04 / 10/28/2013 / Regular sample	SB915-0153-05 / SB915-MW-04 / 2/4/2014 / Regular sample	SB915-0170-04 / SB915-MW-04 / 05/08/2014 / Regular sample
BROMIDE	2(G)	mg/L		[6.4]	[7.2]	[7.7]		
CHLORIDE	250(S)	mg/L	[3700]	[15300]	[14600]	[14700]	[13000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[330]	[257]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8700]	[31200]	[32900]	[31000]	[21000]	[27000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0185-04 / SB915-MW-04 / 08/06/2014 / Regular sample	SB915-0209-03 / SB915-MW-04 / 11/04/2014 / Regular sample	SB915-0250-02 / SB915-MW-04 / 05/05/2015 / Regular sample	SB915-0271-02 / SB915-MW-04 / 07/30/2015 / Regular sample	SB915-0286-06 / SB915-MW-04 / 10/26/2015 / Regular sample	SB915-0229-01 / SB915-MW-04 / 02/12/2015 / Regular sample
BROMIDE	2(G)	mg/L		[13]	[8.3J]	[7.5J]		
CHLORIDE	250(S)	mg/L	[14000]	[15000J+]	[14000]	[15000]	[17000]	[15000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[280]		[320]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[28000]	[26000]	[27000]	[31000]	[30000]	[25000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.011]	[0.012]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0333-04 / SB915-MW-04 / 08/02/2016 / Regular Sample	SB915-0352-01 / SB915-MW-04 / 10/11/2016 / Regular Sample	SB915-0316-10 / SB915-MW-04 / 05/10/2016 / Regular Sample	SB915-0297-11 / SB915-MW-04 / 02/10/2016 / Regular Sample	SB915-0399-06 / SB915-MW-04 / 07/25/2017 / Regular Sample	SB915-0410-06 / SB915-MW-04 / 10/12/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[5.8J]		[11J]	[5.0J+]	[6.3J]	[13]
CHLORIDE	250(S)	mg/L	[17000]	[15000]	[13000]	[13000]	[14000]	[15000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.7]	[9.3]	[13]		[7.2J]	[7.2J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[280]				[260]	[260]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[32000]	[32000]	[25000]	[25000]	[28000]	[25000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.018J]		[0.0056J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0379-04 / SB915-MW-04 / 05/01/2017 / Regular Sample	SB915-0367-12 / SB915-MW-04 / 02/13/2017 / Regular Sample	SB915-0056-02 / SB915-MW-04 / 05/30/2012 / Regular sample	SB915-0065-07 / SB915-MW-04 / 07/26/2012 / Regular sample	SB915-0071-04 / SB915-MW-04 / 11/01/2012 / Regular sample	SCA-0082-05 / SB915-MW-100S / 6/3/2013 / Regular sample
BROMIDE	2(G)	mg/L	[14]		[6.9]	[4.9J]		[3.3]
CHLORIDE	250(S)	mg/L	[12000]	[12000]	[13000]	[15000]	[14000]	[5540]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[11]	[11]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[280]	[320]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[24000]	[22000]	[12000]	[26000]	[25000]	[9480]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.031J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0172-03 / SB915-MW-100S / 03/18/2015 / Regular sample	SCA-0048-06 / SB915-MW-100S / 05/11/2012 / Regular sample	SCA-0055-09 / SB915-MW-100S / 07/14/2012 / Regular sample	SCA-0060-09 / SB915-MW-100S / 11/28/2012 / Regular sample	SCA-0082-06 / SB915-MW-101S / 6/3/2013 / Regular sample	SCA-0172-02 / SB915-MW-101S / 03/18/2015 / Regular sample
BROMIDE	2(G)	mg/L	[7.8]	[8.7J]	[4.3J]	[3.4J]		[5.1]
CHLORIDE	250(S)	mg/L	[4700]	[5190]	[5080]	[4880]	[3870]	[3400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9200]	[9270]	[9890]	[9720]	[7050]	[7500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.06J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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RAMBOLL

Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0047-05 / SB915-MW-101S / 05/10/2012 / Regular sample	SCA-0054-01 / SB915-MW-101S / 07/13/2012 / Regular sample	SCA-0064-01 / SB915-MW-101S / 12/04/2012 / Regular sample	SCA-0085-01 / SB915-MW-102S / 6/6/2013 / Regular sample	SCA-0172-01 / SB915-MW-102S / 03/18/2015 / Regular sample	SCA-0049-05 / SB915-MW-102S / 05/14/2012 / Regular sample
BROMIDE	2(G)	mg/L	[7.1J]	[3.6J]	[2.3J]			[8.6J]
CHLORIDE	250(S)	mg/L	[3610]	[3970]	[3320]	[1590]	[1300]	[1970]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6620]	[8230]	[6010]	[3810]	[3300]	[3970J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0054-02 / SB915-MW-102S / 07/13/2012 / Regular sample	SCA-0064-02 / SB915-MW-102S / 12/04/2012 / Regular sample	SCA-0086-04 / SB915-MW-103S / 6/7/2013 / Regular sample	SCA-0173-04 / SB915-MW-103S / 03/19/2015 / Regular sample	SCA-0051-04 / SB915-MW-103S / 05/16/2012 / Regular sample	SCA-0057-08 / SB915-MW-103S / 07/18/2012 / Regular sample
BROMIDE	2(G)	mg/L	[2.9J]				[3.5J]	[3.3J]
CHLORIDE	250(S)	mg/L	[2060]	[1560]	[1010]	[1100]	[625]	[658]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4600]	[3660]	[2420]	[2400]	[1920]	[1880]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0066-03	SB915-0105-02	SB915-0119-03	SB915-0151-01	SB915-0165-04	SB915-0175-02
		Location	SB915-MW-103S	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I	SB915-MW-104I
		Sample Date	12/06/2012	5/14/2013	08/08/2013	11/19/2013	2/20/2014	05/15/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[485]					
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[287]	[296]		[250]	[270J+]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1360J]	[827]	[891]	[904]	[790]	[830]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0195-03 / SB915-MW-104I / 08/22/2014 / Regular sample	SB915-0212-01 / SB915-MW-104I / 11/07/2014 / Regular sample	SB915-0260-02 / SB915-MW-104I / 05/19/2015 / Regular sample	SB915-0277-04 / SB915-MW-104I / 08/07/2015 / Regular sample	SB915-0294-01 / SB915-MW-104I / 11/06/2015 / Regular sample	SB915-0236-01 / SB915-MW-104I / 02/23/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[300]	[280]	[250]			[260]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[800]	[760]	[860]	[900]	[940]	[910]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.087]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0344-01 / SB915-MW-104I / 08/18/2016 / Regular Sample	SB915-0361-02 / SB915-MW-104I / 10/25/2016 / Regular Sample	SB915-0319-02 / SB915-MW-104I / 05/13/2016 / Regular Sample	SB915-0301-01 / SB915-MW-104I / 02/16/2016 / Regular Sample	SB915-0399-10 / SB915-MW-104I / 07/25/2017 / Regular Sample	SB915-0409-09 / SB915-MW-104I / 10/11/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[280]	[310]	[260]	[290]		[330]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[880]	[920]	[800]	[970]	[870]	[890]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0398-03 / SB915-MW-104I / 05/30/2017 / Regular Sample	SB915-0368-08 / SB915-MW-104I / 02/14/2017 / Regular Sample	SB915-0055-02 / SB915-MW-104I / 05/29/2012 / Regular sample	SB915-0066-03 / SB915-MW-104I / 07/27/2012 / Regular sample	SB915-0071-07 / SB915-MW-104I / 11/01/2012 / Regular sample	SB915-0105-01 / SB915-MW-104S / 5/14/2013 / Regular sample
BROMIDE	2(G)	mg/L						[27]
CHLORIDE	250(S)	mg/L						[62600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[250]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[830]	[950]	[810]	[780]	[820]	[98600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.012]		[0.39J]	[0.17J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0120-02 / SB915-MW-104S / 08/09/2013 / Regular sample	SB915-0146-05 / SB915-MW-104S / 11/08/2013 / Regular sample	SB915-0158-06 / SB915-MW-104S / 2/11/2014 / Regular sample	SB915-0175-01 / SB915-MW-104S / 05/15/2014 / Regular sample	SB915-0198-01 / SB915-MW-104S / 08/27/2014 / Regular sample	SB915-0261-03 / SB915-MW-104S / 05/20/2015 / Regular sample
BROMIDE	2(G)	mg/L	[7.3]	[16.0]				[26J]
CHLORIDE	250(S)	mg/L	[53200]	[55200]	[53000]	[55000]	[51000]	[56000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[88400]	[87000]	[95000]	[92000J-]	[130000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.15J]	[0.21J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0279-01 / SB915-MW-104S / 08/11/2015 / Regular sample	SB915-0293-01 / SB915-MW-104S / 11/05/2015 / Regular sample	SB915-0237-02 / SB915-MW-104S / 02/24/2015 / Regular sample	SB915-0345-05 / SB915-MW-104S / 08/19/2016 / Regular Sample	SB915-0361-04 / SB915-MW-104S / 10/25/2016 / Regular Sample	SB915-0319-04 / SB915-MW-104S / 05/13/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[21J]	[21J]	[37J]	[22J]	[20J]	[16J]
CHLORIDE	250(S)	mg/L	[58000]	[55000]	[58000]	[56000]	[53000]	[57000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[120000]	[100000]	[98000]	[130000]	[130000]	[100000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.014J+]		[0.010]	[0.016]	[0.020]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0301-02 / SB915-MW-104S / 02/16/2016 / Regular Sample	SB915-0399-07 / SB915-MW-104S / 07/25/2017 / Regular Sample	SB915-0409-08 / SB915-MW-104S / 10/11/2017 / Regular Sample	SB915-0398-06 / SB915-MW-104S / 05/30/2017 / Regular Sample	SB915-0368-04 / SB915-MW-104S / 02/14/2017 / Regular Sample	SB915-0056-05 / SB915-MW-104S / 05/30/2012 / Regular sample
BROMIDE	2(G)	mg/L	[17J]	[16J]	[89]	[170]	[18J]	[27]
CHLORIDE	250(S)	mg/L	[54000]	[56000]	[57000]	[53000]	[63000J]	[58000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L				[25]		
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[300]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000]	[9100]	[110000]	[120000]	[89000]	[96000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0091J]	[0.0065J-]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0069-06 / SB915-MW-104S / 07/31/2012 / Regular sample	SB915-0072-03 / SB915-MW-104S / 11/02/2012 / Regular sample	SB915-0103-05 / SB915-MW-105BR / 5/10/2013 / Regular sample	SB915-0119-04 / SB915-MW-105BR / 08/08/2013 / Regular sample	SB915-0150-03 / SB915-MW-105BR / 11/14/2013 / Regular sample	SB915-0167-02 / SB915-MW-105BR / 2/24/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[26000]	[51000]				
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000]	[89000]	[629]	[580]	[536]	[690]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.031]			[0.09J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0177-05 SB915-MW-105BR 05/19/2014 Regular sample	SB915-0201-01 SB915-MW-105BR 09/02/2014 Regular sample	SB915-0225-02 SB915-MW-105BR 12/04/2014 Regular sample	SB915-0260-03 SB915-MW-105BR 05/19/2015 Regular sample	SB915-0280-04 SB915-MW-105BR 08/12/2015 Regular sample	SB915-0294-02 SB915-MW-105BR 11/06/2015 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[590]	[540]	[630]	[700]	[740]	[670]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0099J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0244-03 SB915-MW-105BR 03/05/2015 Regular sample	SB915-0350-02 SB915-MW-105BR 08/26/2016 Regular Sample	SB915-0364-02 SB915-MW-105BR 11/01/2016 Regular Sample	SB915-0330-06 SB915-MW-105BR 06/02/2016 Regular Sample	SB915-0310-03 SB915-MW-105BR 02/29/2016 Regular Sample	SB915-0408-05 SB915-MW-105BR 08/07/2017 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L		[3.8]	[2.5]	[2.3J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[640]	[530]	[600]	[580]	[700]	[620]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.013]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0416-05 SB915-MW-105BR 10/20/2017 Regular Sample	SB915-0396-02 SB915-MW-105BR 05/24/2017 Regular Sample	SB915-0377-05 SB915-MW-105BR 02/24/2017 Regular Sample	SB915-0055-01 SB915-MW-105BR 05/29/2012 Regular sample	SB915-0066-05 SB915-MW-105BR 07/27/2012 Regular sample	SB915-0075-04 SB915-MW-105BR 11/07/2012 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						[39000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.8J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L		[660]	[700]		[520]	[57000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.012J]		[0.0071J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0101-02 / SB915-MW-106I / 5/8/2013 / Regular sample	SB915-0114-03 / SB915-MW-106I / 08/01/2013 / Regular sample	SB915-0138-04 / SB915-MW-106I / 10/28/2013 / Regular sample	SB915-0153-01 / SB915-MW-106I / 2/4/2014 / Regular sample	SB915-0169-03 / SB915-MW-106I / 05/07/2014 / Regular sample	SB915-0184-02 / SB915-MW-106I / 08/05/2014 / Regular sample
BROMIDE	2(G)	mg/L	[4.4]	[7.4]	[7.0]		[11J]	
CHLORIDE	250(S)	mg/L	[13200]	[16200]	[14800]	[19000]	[13000]	[15000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[24300]	[42900]	[27800]	[31000]	[26000]	[33000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0204-02 / SB915-MW-106I / 10/28/2014 / Regular sample	SB915-0247-02 / SB915-MW-106I / 04/30/2015 / Regular sample	SB915-0277-02 / SB915-MW-106I / 08/07/2015 / Regular sample	SB915-0286-03 / SB915-MW-106I / 10/26/2015 / Regular sample	SB915-0226-02 / SB915-MW-106I / 02/09/2015 / Regular sample	SB915-0332-04 / SB915-MW-106I / 08/01/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[11J]	[16J]			[30]	[7.1J]
CHLORIDE	250(S)	mg/L	[18000J+]	[22000]	[21000]	[22000]	[21000]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[3.4]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[32000]	[50000]	[46000]	[38000]	[32000]	[46000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0080J]					

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0351-04 / SB915-MW-106I / 10/10/2016 / Regular Sample	SB915-0315-03 / SB915-MW-106I / 05/09/2016 / Regular Sample	SB915-0297-04 / SB915-MW-106I / 02/10/2016 / Regular Sample	SB915-0400-06 / SB915-MW-106I / 07/26/2017 / Regular Sample	SB915-0410-08 / SB915-MW-106I / 10/12/2017 / Regular Sample	SB915-0380-03 / SB915-MW-106I / 05/02/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[6.0J+]	[40]	[8.4J]	[7.8J]	[5.3J]	[17J]
CHLORIDE	250(S)	mg/L	[17000]	[20000]	[23000]	[22000]	[19000]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.6J+]	[2.6]		[3.2J]	[2.6J]	[2.8]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[35000]	[38000]	[44000]	[49000]	[31000]	[42000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0087J]	[0.077J]			[0.0092J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0367-09 / SB915-MW-106I / 02/13/2017 / Regular Sample	SB915-0051-02 / SB915-MW-106I / 05/18/2012 / Regular sample	SB915-0065-04 / SB915-MW-106I / 07/26/2012 / Regular sample	SB915-0070-04 / SB915-MW-106I / 10/31/2012 / Regular sample	SB915-0114-02 / SB915-MW-106S / 08/01/2013 / Regular sample	SB915-0138-03 / SB915-MW-106S / 10/28/2013 / Regular sample
BROMIDE	2(G)	mg/L		[13]				
CHLORIDE	250(S)	mg/L	[23000]	[35000]	[16000]	[12000]		[779]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.0J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[38000]	[33000]	[28000]	[23000]	[835]	[1720]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.024]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0184-01 / SB915-MW-106S / 08/05/2014 / Regular sample	SB915-0277-01 / SB915-MW-106S / 08/07/2015 / Regular sample	SB915-0286-01 / SB915-MW-106S / 10/26/2015 / Regular sample	SB915-0226-01 / SB915-MW-106S / 02/09/2015 / Regular sample	SB915-0332-03 / SB915-MW-106S / 08/01/2016 / Regular Sample	SB915-0351-07 / SB915-MW-106S / 10/10/2016 / Regular Sample
BROMIDE	2(G)	mg/L				[2.4]		
CHLORIDE	250(S)	mg/L	[280]	[490]		[900]	[1500]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[850]	[1200]	[670]	[1900]	[3300]	[560]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.012]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0315-01 / SB915-MW-106S / 05/09/2016 / Regular Sample	SB915-0400-11 / SB915-MW-106S / 07/26/2017 / Regular Sample	SB915-0410-05 / SB915-MW-106S / 10/12/2017 / Regular Sample	SB915-0380-06 / SB915-MW-106S / 05/02/2017 / Regular Sample	SB915-0051-01 / SB915-MW-106S / 05/18/2012 / Regular sample	SB915-0065-03 / SB915-MW-106S / 07/26/2012 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L			[1100]		[310]	[1100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L		[590]	[2300]		[840]	[2400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.23]			[0.0057J]		

NOTES:
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0103-04 SB915-MW-107BR 5/10/2013 Regular sample	SB915-0115-04 SB915-MW-107BR 08/02/2013 Regular sample	SB915-0147-04 SB915-MW-107BR 11/11/2013 Regular sample	SB915-0157-01 SB915-MW-107BR 2/10/2014 Regular sample	SB915-0170-05 SB915-MW-107BR 05/08/2014 Regular sample	SB915-0194-01 SB915-MW-107BR 08/21/2014 Regular sample
BROMIDE	2(G)	mg/L	[94]	[90.8]	[88]	[160J+]	[96]	[180]
CHLORIDE	250(S)	mg/L	[127000]	[114000]	[122000]	[110000]	[120000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[3740]	[3460]	[3810J]	[3700]	[4100]	[3900]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[242000]	[192000]	[225000]	[180000]	[210000]	[180000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.24J]	[0.87]	[0.47J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0203-01 SB915-MW-107BR 10/27/2014 Regular sample	SB915-0246-01 SB915-MW-107BR 04/29/2015 Regular sample	SB915-0274-06 SB915-MW-107BR 08/04/2015 Regular sample	SB915-0290-02 SB915-MW-107BR 10/30/2015 Regular sample	SB915-0243-04 SB915-MW-107BR 03/04/2015 Regular sample	SB915-0349-07 SB915-MW-107BR 08/25/2016 Regular Sample
BROMIDE	2(G)	mg/L	[91]	[130]	[130]	[44J]		[170]
CHLORIDE	250(S)	mg/L	[130000J+]	[120000]	[120000]	[130000]	[120000]	[120000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[17J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4000]	[4000]	[3900]	[3200]	[3300]	[3500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[190000]	[200000]	[200000]	[210000J]	[190000]	[210000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.29]	[0.038J]	[0.0084J]		[0.0083J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0366-03 SB915-MW-107BR 11/03/2016 Regular Sample	SB915-0323-03 SB915-MW-107BR 05/23/2016 Regular Sample	SB915-0311-03 SB915-MW-107BR 03/01/2016 Regular Sample	SB915-0408-08 SB915-MW-107BR 08/07/2017 Regular Sample	SB915-0418-04 SB915-MW-107BR 10/25/2017 Regular Sample	SB915-0395-06 SB915-MW-107BR 05/23/2017 Regular Sample
BROMIDE	2(G)	mg/L	[180]	[160]	[160]	[150]	[91]	[180]
CHLORIDE	250(S)	mg/L	[110000]	[120000]	[120000]	[120000]	[120000]	[120000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[16]	[16J]		[18J]	[16J]	[17J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4100]	[4000]	[4100]	[3900]	[4200]	[4000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[200000J]	[200000]	[190000]	[200000]	[220000J]	[200000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.22]	[0.018]		[0.0069J]	[0.061J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Parameter Name	NYS Class GA Standards	Units	Field Sample ID / Location / Sample Date / Sample Purpose: SB915-0374-06 / SB915-MW-107BR / 02/21/2017 / Regular Sample	SB915-0050-04 / SB915-MW-107BR / 05/17/2012 / Regular sample	SB915-0066-02 / SB915-MW-107BR / 07/27/2012 / Regular sample	SB915-0073-03 / SB915-MW-107BR / 11/05/2012 / Regular sample	SB915-0101-07 / SB915-MW-107D / 5/8/2013 / Regular sample	SB915-0115-03 / SB915-MW-107D / 08/02/2013 / Regular sample
BROMIDE	2(G)	mg/L	[160]	[130]			[39.3]	[43.5]
CHLORIDE	250(S)	mg/L	[120000]	[120000]	[120000]	[120000]	[71300]	[68800]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[19]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4100]	[4200]	[4100]	[4100]	[1460]	[1380]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[190000]	[190000]	[150000]	[190000]	[245000]	[224000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.070]	[0.024]	[0.025]	[0.24J]	[0.08J]	[0.21J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0143-02 / SB915-MW-107D / 11/04/2013 / Regular sample	SB915-0157-02 / SB915-MW-107D / 2/10/2014 / Regular sample	SB915-0170-06 / SB915-MW-107D / 05/08/2014 / Regular sample	SB915-0194-02 / SB915-MW-107D / 08/21/2014 / Regular sample	SB915-0203-02 / SB915-MW-107D / 10/27/2014 / Regular sample	SB915-0246-05 / SB915-MW-107D / 04/29/2015 / Regular sample
BROMIDE	2(G)	mg/L	[39]	[81J+]	[38J]	[84]	[39J]	[55]
CHLORIDE	250(S)	mg/L	[70000]	[64000]	[68000]	[66000]	[70000J+]	[68000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1410]	[1500]	[1400]	[1600]	[1200]	[1400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[123000]	[110000]	[120000]	[120000]	[110000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.12J]		[0.20]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0270-01 / SB915-MW-107D / 07/29/2015 / Regular sample	SB915-0290-01 / SB915-MW-107D / 10/30/2015 / Regular sample	SB915-0227-03 / SB915-MW-107D / 02/10/2015 / Regular sample	SB915-0334-03 / SB915-MW-107D / 08/03/2016 / Regular Sample	SB915-0355-05 / SB915-MW-107D / 10/17/2016 / Regular Sample	SB915-0316-01 / SB915-MW-107D / 05/10/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[40J]			[34J]	[140J+]	[77]
CHLORIDE	250(S)	mg/L	[62000]	[73000]	[67000]	[69000]	[65000]	[66000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[20J]	[20J]	[19J+]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300]	[980]	[1400]	[1400]	[1300]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[130000]	[130000]	[110000]	[130000]	[130000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.014]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0300-04 / SB915-MW-107D / 02/15/2016 / Regular Sample	SB915-0400-07 / SB915-MW-107D / 07/26/2017 / Regular Sample	SB915-0410-07 / SB915-MW-107D / 10/12/2017 / Regular Sample	SB915-0380-07 / SB915-MW-107D / 05/02/2017 / Regular Sample	SB915-0368-01 / SB915-MW-107D / 02/14/2017 / Regular Sample	SB915-0050-03 / SB915-MW-107D / 05/17/2012 / Regular sample
BROMIDE	2(G)	mg/L	[33J]	[42J]	[87]	[84]	[34J]	[39]
CHLORIDE	250(S)	mg/L	[69000]	[63000]	[65000]	[66000]	[73000J]	[68000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[20J]	[21J]	[20]	[22]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1400]	[1400]	[1300]	[1300]	[1300]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[120000]	[150000]	[120000]	[120000]	[110000]	[140000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.019J]			[0.0058J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0065-09 / SB915-MW-107D / 07/26/2012 / Regular sample	SB915-0073-02 / SB915-MW-107D / 11/05/2012 / Regular sample	SB915-0101-08 / SB915-MW-107I / 5/8/2013 / Regular sample	SB915-0115-02 / SB915-MW-107I / 08/02/2013 / Regular sample	SB915-0143-04 / SB915-MW-107I / 11/04/2013 / Regular sample	SB915-0157-03 / SB915-MW-107I / 2/10/2014 / Regular sample
BROMIDE	2(G)	mg/L	[23]					
CHLORIDE	250(S)	mg/L	[72000]	[73000]	[4280]	[6480]	[4450]	[4200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300]	[1200]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[110000]	[8050]	[8260]	[8080]	[7200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0170-07 / SB915-MW-107I / 05/08/2014 / Regular sample	SB915-0185-02 / SB915-MW-107I / 08/06/2014 / Regular sample	SB915-0203-03 / SB915-MW-107I / 10/27/2014 / Regular sample	SB915-0246-02 / SB915-MW-107I / 04/29/2015 / Regular sample	SB915-0270-02 / SB915-MW-107I / 07/29/2015 / Regular sample	SB915-0289-02 / SB915-MW-107I / 10/29/2015 / Regular sample
BROMIDE	2(G)	mg/L				[2.2J]		
CHLORIDE	250(S)	mg/L	[4100]	[3700]	[4500J+]	[3700]	[3900]	[3800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7800]	[8600]	[7700]	[8200]	[9800]	[8500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0227-02 / SB915-MW-107I / 02/10/2015 / Regular sample	SB915-0334-02 / SB915-MW-107I / 08/03/2016 / Regular Sample	SB915-0355-03 / SB915-MW-107I / 10/17/2016 / Regular Sample	SB915-0316-03 / SB915-MW-107I / 05/10/2016 / Regular Sample	SB915-0300-05 / SB915-MW-107I / 02/15/2016 / Regular Sample	SB915-0400-04 / SB915-MW-107I / 07/26/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[9.2]		[9.0J+]	[3.4]		
CHLORIDE	250(S)	mg/L	[3900]	[3900]	[3900]	[3800]	[4200]	[3900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6900]	[8200]	[9100]	[8400]	[7700]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0082J]			[0.011J]	[0.016J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0410-04 / SB915-MW-107I / 10/12/2017 / Regular Sample	SB915-0380-05 / SB915-MW-107I / 05/02/2017 / Regular Sample	SB915-0368-05 / SB915-MW-107I / 02/14/2017 / Regular Sample	SB915-0050-02 / SB915-MW-107I / 05/17/2012 / Regular sample	SB915-0065-10 / SB915-MW-107I / 07/26/2012 / Regular sample	SB915-0101-09 / SB915-MW-107S / 5/8/2013 / Regular sample
BROMIDE	2(G)	mg/L			[2.4J]	[2.3]		[8.6]
CHLORIDE	250(S)	mg/L	[3600]	[3500]	[4100J]	[4200]	[4400]	[29500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7000]	[8100]	[6900]	[11000]	[13000]	[61400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0071J]		[0.038]		

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0115-01 / SB915-MW-107S / 08/02/2013 / Regular sample	SB915-0143-01 / SB915-MW-107S / 11/04/2013 / Regular sample	SB915-0157-04 / SB915-MW-107S / 2/10/2014 / Regular sample	SB915-0170-08 / SB915-MW-107S / 05/08/2014 / Regular sample	SB915-0185-01 / SB915-MW-107S / 08/06/2014 / Regular sample	SB915-0205-03 / SB915-MW-107S / 10/29/2014 / Regular sample
BROMIDE	2(G)	mg/L	[9.3]	[6.3]		[34]	[7.0J]	[3.7]
CHLORIDE	250(S)	mg/L	[29900]	[27700]	[27000]	[39000]	[26000]	[2900J+]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[49600]	[51900]	[43000]	[65000]	[63000]	[53000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0246-07 / SB915-MW-107S / 04/29/2015 / Regular sample	SB915-0270-03 / SB915-MW-107S / 07/29/2015 / Regular sample	SB915-0289-01 / SB915-MW-107S / 10/29/2015 / Regular sample	SB915-0227-01 / SB915-MW-107S / 02/10/2015 / Regular sample	SB915-0334-01 / SB915-MW-107S / 08/03/2016 / Regular Sample	SB915-0355-01 / SB915-MW-107S / 10/17/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[13J]	[10J]	[11J+]	[14J]	[9.9J]	[67jJ+]
CHLORIDE	250(S)	mg/L	[28000]	[28000]	[30000]	[27000]	[31000]	[57000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[59000]	[71000]	[59000]	[45000]	[61000]	[63000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0316-08 / SB915-MW-107S / 05/10/2016 / Regular Sample	SB915-0300-02 / SB915-MW-107S / 02/15/2016 / Regular Sample	SB915-0400-01 / SB915-MW-107S / 07/26/2017 / Regular Sample	SB915-0410-01 / SB915-MW-107S / 10/12/2017 / Regular Sample	SB915-0380-02 / SB915-MW-107S / 05/02/2017 / Regular Sample	SB915-0368-11 / SB915-MW-107S / 02/14/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[51J]	[8.4J]	[8.8J]	[8.7J]	[23J]	[8.5J]
CHLORIDE	250(S)	mg/L	[31000]	[28000]	[31000]	[31000]	[30000]	[31000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[59000]	[53000]	[61000]	[53000]	[57000]	[49000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0054J-]			

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0050-01 / SB915-MW-107S / 05/17/2012 / Regular sample	SB915-0065-11 / SB915-MW-107S / 07/26/2012 / Regular sample	SB915-0073-01 / SB915-MW-107S / 11/05/2012 / Regular sample	SB915-0073-04 / SB915-MW-107S / 11/05/2012 / Regular sample	SB915-0107-04 / SB915-MW-108BR / 5/16/2013 / Regular sample	SB915-0129-01 / SB915-MW-108BR / 08/22/2013 / Regular sample
BROMIDE	2(G)	mg/L	[12]					
CHLORIDE	250(S)	mg/L	[30000]	[29000]	[4000]	[27000]		
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[1500]	[1500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[77000]	[48000]	[7500]	[46000]	[2660]	[2750]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.040]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0142-05 SB915-MW-108BR 11/01/2013 Regular sample	SB915-0155-07 SB915-MW-108BR 2/6/2014 Regular sample	SB915-0175-04 SB915-MW-108BR 05/15/2014 Regular sample	SB915-0193-01 SB915-MW-108BR 08/20/2014 Regular sample	SB915-0219-04 SB915-MW-108BR 11/18/2014 Regular sample	SB915-0256-01 SB915-MW-108BR 05/13/2015 Regular sample
BROMIDE	2(G)	mg/L						[3.7]
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1620]	[1700]	[1300J+]	[1600]	[1600]	[1500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2620]	[2300]	[2600]	[2600]	[2700]	[2600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0268-07 SB915-MW-108BR 07/27/2015 Regular sample	SB915-0281-01 SB915-MW-108BR 10/19/2015 Regular sample	SB915-0232-01 SB915-MW-108BR 02/17/2015 Regular sample	SB915-0339-02 SB915-MW-108BR 08/11/2016 Regular Sample	SB915-0353-02 SB915-MW-108BR 10/13/2016 Regular Sample	SB915-0317-02 SB915-MW-108BR 05/11/2016 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1500]	[1600]	[1300]	[1500]	[1600]	[1600]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2700]	[2700]	[2600]	[2800]	[2700]	[2700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0092J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0298-04 SB915-MW-108BR 02/11/2016 Regular Sample	SB915-0401-02 SB915-MW-108BR 07/27/2017 Regular Sample	SB915-0411-03 SB915-MW-108BR 10/13/2017 Regular Sample	SB915-0385-03 SB915-MW-108BR 05/09/2017 Regular Sample	SB915-0369-09 SB915-MW-108BR 02/15/2017 Regular Sample	SB915-0044-04 SB915-MW-108BR 04/27/2012 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1500]	[1600]	[1400]	[1600]	[1600]	[1400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2700]	[2600]	[2600]	[2600]	[1400]	[2200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.030J]		[0.0052J]			

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0061-07 SB915-MW-108BR 07/23/2012 Regular sample	SB915-0082-03 SB915-MW-108BR 11/16/2012 Regular sample	SB915-0107-05 SB915-MW-108D 5/16/2013 Regular sample	SB915-0128-03 SB915-MW-108D 08/21/2013 Regular sample	SB915-0142-07 SB915-MW-108D 11/01/2013 Regular sample	SB915-0155-05 SB915-MW-108D 2/6/2014 Regular sample
BROMIDE	2(G)	mg/L	[6.5]					
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[1400]		[260]	[250]	[250]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3500]	[2400]	[834]	[773]	[728]	[630]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.011J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0175-05	SB915-0193-02	SB915-0219-01	SB915-0256-03	SB915-0268-04	SB915-0281-04
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	05/15/2014	08/20/2014	11/18/2014	05/13/2015	07/27/2015	10/19/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[260]	[260]	[280]	[260]	[260]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[710]	[740]	[740]	[740]	[770]	[740]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0232-02	SB915-0339-01	SB915-0353-01	SB915-0317-03	SB915-0298-05	SB915-0401-04
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	02/17/2015	08/11/2016	10/13/2016	05/11/2016	02/11/2016	07/27/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[260]	[260]	[260]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[730]	[750]	[710]	[750]	[710]	[700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL;

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0411-02	SB915-0385-02	SB915-0369-01	SB915-0044-03	SB915-0061-08	SB915-0082-02
		Location	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D	SB915-MW-108D
		Sample Date	10/13/2017	05/09/2017	02/15/2017	04/27/2012	07/23/2012	11/16/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[260]	[270]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[700]	[690]	[730]	[680]	[730]	[650J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0078J]		[0.011J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0112-06 / SB915-MW-108S / 5/23/2013 / Regular sample	SB915-0176-04 / SB915-MW-108S / 05/16/2014 / Regular sample	SB915-0268-08 / SB915-MW-108S / 07/27/2015 / Regular sample	SB915-0317-06 / SB915-MW-108S / 05/11/2016 / Regular Sample	SB915-0299-09 / SB915-MW-108S / 02/12/2016 / Regular Sample	SB915-0401-10 / SB915-MW-108S / 07/27/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[683]	[570]	[940]	[570]	[700]	[830]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.090]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0385-01 / SB915-MW-108S / 05/09/2017 / Regular Sample	SB915-0371-01 / SB915-MW-108S / 02/16/2017 / Regular Sample	SB915-0047-05 / SB915-MW-108S / 05/02/2012 / Regular sample	SB915-0108-04 / SB915-MW-109I / 5/17/2013 / Regular sample	SB915-0129-02 / SB915-MW-109I / 08/22/2013 / Regular sample	SB915-0142-01 / SB915-MW-109I / 11/01/2013 / Regular sample
BROMIDE	2(G)	mg/L				[6.4]	[5.8]	[5.0]
CHLORIDE	250(S)	mg/L			[250]	[14900]	[12100]	[16300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[752]	[886]	[630]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[610]	[660]	[1000J]	[31400]	[23300]	[27200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0155-09 / SB915-MW-109I / 2/6/2014 / Regular sample	SB915-0173-04 / SB915-MW-109I / 05/13/2014 / Regular sample	SB915-0192-03 / SB915-MW-109I / 08/19/2014 / Regular sample	SB915-0216-01 / SB915-MW-109I / 11/13/2014 / Regular sample	SB915-0253-02 / SB915-MW-109I / 05/08/2015 / Regular sample	SB915-0265-11 / SB915-MW-109I / 07/22/2015 / Regular sample
BROMIDE	2(G)	mg/L				[5.9J+]	[7.4J]	[7.7J]
CHLORIDE	250(S)	mg/L	[17000]	[15000]	[12000]	[7800J]	[9700]	[10000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[570]	[670J+]	[870]	[920]	[960]	[870]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[25000]	[27000]	[5900]	[15000]	[20000]	[22000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.013]					

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0283-01	SB915-0232-03	SB915-0338-04	SB915-0357-01	SB915-0317-05	SB915-0299-01
			Location	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I	SB915-MW-109I
			Sample Date	10/21/2015	02/17/2015	08/10/2016	10/19/2016	05/11/2016	02/12/2016
			Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
BROMIDE	2(G)	mg/L				[2.4J]			
CHLORIDE	250(S)	mg/L		[8600]	[9100]	[9100]	[6600]	[12000]	[970]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[4.0]	[3.0J]	[3.4]	
NITROGEN, NITRATE (AS N)	NC	mg/L							
NITROGEN, NITRATE-NITRITE	10(S)	mg/L							
SULFATE	250(S)	mg/L		[930]	[820]	[1000]	[1100]	[840]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L		[19000]	[18000]	[21000]	[15000]	[24000]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L							

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0404-08 / SB915-MW-109I / 08/01/2017 / Regular Sample	SB915-0415-01 / SB915-MW-109I / 10/19/2017 / Regular Sample	SB915-0386-04 / SB915-MW-109I / 05/10/2017 / Regular Sample	SB915-0371-04 / SB915-MW-109I / 02/16/2017 / Regular Sample	SB915-0047-06 / SB915-MW-109I / 05/02/2012 / Regular sample	SB915-0061-06 / SB915-MW-109I / 07/23/2012 / Regular sample
BROMIDE	2(G)	mg/L			[2.0J]	[9.7J]	[2.7]	[18]
CHLORIDE	250(S)	mg/L	[8200]	[6800]	[8200]	[10000]	[5500]	[11000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.3J]	[3.5J]	[3.6J]	[4.6J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[990]		[1100]	[820]	[1200]	[880]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[18000]	[14000]	[17000]	[20000]	[14000]	[22000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0063J]			[0.0091J]	[0.0088J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0081-01 / SB915-MW-109I / 11/15/2012 / Regular sample	SB915-0108-01 / SB915-MW-109S / 5/17/2013 / Regular sample	SB915-0129-03 / SB915-MW-109S / 08/22/2013 / Regular sample	SB915-0142-02 / SB915-MW-109S / 11/01/2013 / Regular sample	SB915-0155-08 / SB915-MW-109S / 2/6/2014 / Regular sample	SB915-0173-03 / SB915-MW-109S / 05/13/2014 / Regular sample
BROMIDE	2(G)	mg/L		[5.4]	[5.7]	[4.8]		[14]
CHLORIDE	250(S)	mg/L	[13000]	[10600]	[12000]	[15900]	[13000]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[640]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[23000]	[22100]	[27400]	[29900]	[21000]	[23000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.10J]	[0.06J]			[0.025]	[0.024]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0192-01 / SB915-MW-109S / 08/19/2014 / Regular sample	SB915-0216-02 / SB915-MW-109S / 11/13/2014 / Regular sample	SB915-0253-01 / SB915-MW-109S / 05/08/2015 / Regular sample	SB915-0265-10 / SB915-MW-109S / 07/22/2015 / Regular sample	SB915-0283-02 / SB915-MW-109S / 10/21/2015 / Regular sample	SB915-0232-04 / SB915-MW-109S / 02/17/2015 / Regular sample
BROMIDE	2(G)	mg/L	[6.3J]	[9.6J+]	[6.0J]	[6.7J]		
CHLORIDE	250(S)	mg/L	[14000]	[15000J]	[11000]	[12000J]	[13000]	[17000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[25000]	[25000]	[23000]	[25000]	[27000]	[29000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.028J]	[0.046]	[0.029]	[0.028]	[0.034]	[0.048]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0338-01 / SB915-MW-109S / 08/10/2016 / Regular Sample	SB915-0357-06 / SB915-MW-109S / 10/19/2016 / Regular Sample	SB915-0317-04 / SB915-MW-109S / 05/11/2016 / Regular Sample	SB915-0299-04 / SB915-MW-109S / 02/12/2016 / Regular Sample	SB915-0404-04 / SB915-MW-109S / 08/01/2017 / Regular Sample	SB915-0415-04 / SB915-MW-109S / 10/19/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[7.8J]	[5.4J+]	[10J]			[4.2J]
CHLORIDE	250(S)	mg/L	[16000]	[14000]	[12000]	[1500]	[12000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[5.0]	[4.8J]			[3.8J]	[5.0J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[37000]	[27000]	[28000]	[27000]	[24000]	[28000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.042]	[0.039]	[0.025]	[0.030J]	[0.023J-]	[0.033]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0386-01 / SB915-MW-109S / 05/10/2017 / Regular Sample	SB915-0371-05 / SB915-MW-109S / 02/16/2017 / Regular Sample	SB915-0049-01 / SB915-MW-109S / 05/04/2012 / Regular sample	SB915-0061-05 / SB915-MW-109S / 07/23/2012 / Regular sample	SB915-0081-02 / SB915-MW-109S / 11/15/2012 / Regular sample	SB915-0108-05 / SB915-MW-110S / 5/17/2013 / Regular sample
BROMIDE	2(G)	mg/L	[4.9J]	[5.4J]	[6.1]	[22]		
CHLORIDE	250(S)	mg/L	[12000]	[13000]	[12000]	[16000]	[17000]	[1720]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.3]	[4.4]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[24000]	[23000]	[22000]	[31000]	[28000]	[3940]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.024]	[0.031]	[0.024]	[0.037]	[1.0J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0130-03 / SB915-MW-110S / 08/23/2013 / Regular sample	SB915-0146-03 / SB915-MW-110S / 11/08/2013 / Regular sample	SB915-0158-03 / SB915-MW-110S / 2/11/2014 / Regular sample	SB915-0180-02 / SB915-MW-110S / 05/22/2014 / Regular sample	SB915-0186-04 / SB915-MW-110S / 08/07/2014 / Regular sample	SB915-0221-01 / SB915-MW-110S / 11/21/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1700]	[1430]	[1500]	[2100]	[1900]	[2800J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3450]	[2990]	[2900]	[3800]	[4300]	[6000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0253-03 / SB915-MW-110S / 05/08/2015 / Regular sample	SB915-0265-09 / SB915-MW-110S / 07/22/2015 / Regular sample	SB915-0283-04 / SB915-MW-110S / 10/21/2015 / Regular sample	SB915-0228-07 / SB915-MW-110S / 02/11/2015 / Regular sample	SB915-0339-03 / SB915-MW-110S / 08/11/2016 / Regular Sample	SB915-0360-01 / SB915-MW-110S / 10/24/2016 / Regular Sample
BROMIDE	2(G)	mg/L					[2.6]	
CHLORIDE	250(S)	mg/L	[1200]	[1300J]	[1800]	[1800]	[3000]	[2600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2900]	[3100]	[4200]	[3400]	[7300]	[5800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0317-01 / SB915-MW-110S / 05/11/2016 / Regular Sample	SB915-0299-10 / SB915-MW-110S / 02/12/2016 / Regular Sample	SB915-0401-01 / SB915-MW-110S / 07/27/2017 / Regular Sample	SB915-0413-05 / SB915-MW-110S / 10/17/2017 / Regular Sample	SB915-0383-01 / SB915-MW-110S / 05/05/2017 / Regular Sample	SB915-0371-02 / SB915-MW-110S / 02/16/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1600]	[1200]	[1600]	[2600]	[1700]	[1500]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.8J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3700]	[2600]	[3000]	[6100]	[3900]	[2800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.021J]	[0.0059J-]		[0.0064J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0043-05 / SB915-MW-110S / 04/26/2012 / Regular sample	SB915-0060-10 / SB915-MW-110S / 07/20/2012 / Regular sample	SB915-0081-03 / SB915-MW-110S / 11/15/2012 / Regular sample	SB915-0105-05 / SB915-MW-111BR / 5/14/2013 / Regular sample	SB915-0123-01 / SB915-MW-111BR / 08/14/2013 / Regular sample	SB915-0141-01 / SB915-MW-111BR / 10/31/2013 / Regular sample
BROMIDE	2(G)	mg/L				[1040]	[990]	[987]
CHLORIDE	250(S)	mg/L	[2300]	[2800]	[1600]	[116000]	[100000]	[55200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[842]	[821]	[824]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5100]	[7200]	[3500]	[170000]	[385000]	[184000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.012J]	[0.39]	[0.33]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0152-03 SB915-MW-111BR 2/3/2014 Regular sample	SB915-0171-07 SB915-MW-111BR 05/09/2014 Regular sample	SB915-0192-04 SB915-MW-111BR 08/19/2014 Regular sample	SB915-0210-02 SB915-MW-111BR 11/05/2014 Regular sample	SB915-0252-07 SB915-MW-111BR 05/07/2015 Regular sample	SB915-0275-04 SB915-MW-111BR 08/05/2015 Regular sample
BROMIDE	2(G)	mg/L	[1200]	[940]	[930]	[970]	[930]	[980]
CHLORIDE	250(S)	mg/L	[110000]	[110000]	[110000]	[100000J+]	[110000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[730]	[800]	[740]	[840]	[860]	[790]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[190000]	[190000]	[170000]	[190000]	[170000]	[210000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.16]				[0.012J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0292-01 SB915-MW-111BR 11/04/2015 Regular sample	SB915-0239-03 SB915-MW-111BR 02/26/2015 Regular sample	SB915-0347-03 SB915-MW-111BR 08/23/2016 Regular Sample	SB915-0363-03 SB915-MW-111BR 10/31/2016 Regular Sample	SB915-0328-01 SB915-MW-111BR 05/31/2016 Regular Sample	SB915-0306-03 SB915-MW-111BR 02/23/2016 Regular Sample
BROMIDE	2(G)	mg/L	[1100]	[1000]	[1000]	[1000]	[980]	[20J]
CHLORIDE	250(S)	mg/L	[100000]	[110000]	[98000]	[110000]	[110000]	[57000]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[170J]	[140]	[180J+]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[870]	[870]	[970]	[1100]	[870]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[220000J]	[180000]	[220000J]	[190000]	[230000J]	[200000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.055J+]		[0.013]	[0.023]	[0.062J-]	[0.37]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0404-10 SB915-MW-111BR 08/01/2017 Regular Sample	SB915-0420-02 SB915-MW-111BR 10/27/2017 Regular Sample	SB915-0390-03 SB915-MW-111BR 05/16/2017 Regular Sample	SB915-0373-02 SB915-MW-111BR 02/20/2017 Regular Sample	SB915-0045-01 SB915-MW-111BR 04/30/2012 Regular sample	SB915-0061-04 SB915-MW-111BR 07/23/2012 Regular sample
BROMIDE	2(G)	mg/L	[920]	[1100]	[1000]	[980]	[900]	[890]
CHLORIDE	250(S)	mg/L	[110000]	[120000]	[100000]	[110000]	[100000]	[99000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[160J]	[160J]	[170J]	[150]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[1000]	[840]	[700]	[630]	[780]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[200000]	[200000]	[190000]	[160000]	[180000]	[180000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.014]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0105-03 / SB915-MW-111D / 5/14/2013 / Regular sample	SB915-0123-02 / SB915-MW-111D / 08/14/2013 / Regular sample	SB915-0141-02 / SB915-MW-111D / 10/31/2013 / Regular sample	SB915-0152-02 / SB915-MW-111D / 2/3/2014 / Regular sample	SB915-0171-04 / SB915-MW-111D / 05/09/2014 / Regular sample	SB915-0186-02 / SB915-MW-111D / 08/07/2014 / Regular sample
BROMIDE	2(G)	mg/L	[27]	[23.1]	[10J]			
CHLORIDE	250(S)	mg/L	[68700]	[59100]	[63300]	[57000]	[80000]	[54000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[319]		[353]	[290]	[280]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[107000]	[226000]	[110000]	[100000]	[110000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.20J]	[0.14J]			[0.18]	

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0208-02 / SB915-MW-111D / 11/03/2014 / Regular sample	SB915-0252-05 / SB915-MW-111D / 05/07/2015 / Regular sample	SB915-0265-04 / SB915-MW-111D / 07/22/2015 / Regular sample	SB915-0284-09 / SB915-MW-111D / 10/22/2015 / Regular sample	SB915-0239-04 / SB915-MW-111D / 02/26/2015 / Regular sample	SB915-0337-04 / SB915-MW-111D / 08/09/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[37J]	[36J]	[36J]	[54]	[40J]
CHLORIDE	250(S)	mg/L	[66000J+]	[60000]	[58000J]	[62000]	[64000]	[62000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[23]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[290]	[380]	[360]	[330]	[360]	[340]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[110000]	[120000]	[120000]	[100000]	[110000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.014]		[0.044J-]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0357-08 / SB915-MW-111D / 10/19/2016 / Regular Sample	SB915-0314-04 / SB915-MW-111D / 05/06/2016 / Regular Sample	SB915-0302-01 / SB915-MW-111D / 02/17/2016 / Regular Sample	SB915-0404-09 / SB915-MW-111D / 08/01/2017 / Regular Sample	SB915-0414-07 / SB915-MW-111D / 10/18/2017 / Regular Sample	SB915-0383-08 / SB915-MW-111D / 05/05/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[20J+]	[40J]	[22J]		[17J]	[26J]
CHLORIDE	250(S)	mg/L	[59000]	[61000]	[64000]	[61000]	[63000]	[61000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[21J]	[21]		[22J]	[22J]	[23]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[340]	[340]	[310]	[550]	[440]	[390]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[120000]	[110000]	[130000]	[110000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.011J]			[0.074]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0371-08 / SB915-MW-111D / 02/16/2017 / Regular Sample	SB915-0045-02 / SB915-MW-111D / 04/30/2012 / Regular sample	SB915-0061-03 / SB915-MW-111D / 07/23/2012 / Regular sample	SB915-0081-09 / SB915-MW-111D / 11/15/2012 / Regular sample	SB915-0105-04 / SB915-MW-111I / 5/14/2013 / Regular sample	SB915-0123-04 / SB915-MW-111I / 08/14/2013 / Regular sample
BROMIDE	2(G)	mg/L	[27J]	[27]	[19J]		[14]	[7.0]
CHLORIDE	250(S)	mg/L	[60000]	[62000]	[59000]	[55000]	[41800]	[36900]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[21J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[350]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000]	[120000]	[110000]	[97000]	[69200]	[81200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.032]			[0.044]	[0.07J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0141-05 / SB915-MW-111I / 10/31/2013 / Regular sample	SB915-0152-01 / SB915-MW-111I / 2/3/2014 / Regular sample	SB915-0171-01 / SB915-MW-111I / 05/09/2014 / Regular sample	SB915-0186-01 / SB915-MW-111I / 08/07/2014 / Regular sample	SB915-0208-01 / SB915-MW-111I / 11/03/2014 / Regular sample	SB915-0252-01 / SB915-MW-111I / 05/07/2015 / Regular sample
BROMIDE	2(G)	mg/L	[10.6]			[9.7J]		[19J]
CHLORIDE	250(S)	mg/L	[39500]	[38000]	[40000]	[35000]	[38000J+]	[37000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[77000]	[53000]	[73000]	[74000]	[66000]	[69000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0265-01 / SB915-MW-111I / 07/22/2015 / Regular sample	SB915-0284-03 / SB915-MW-111I / 10/22/2015 / Regular sample	SB915-0230-05 / SB915-MW-111I / 02/13/2015 / Regular sample	SB915-0337-01 / SB915-MW-111I / 08/09/2016 / Regular Sample	SB915-0357-04 / SB915-MW-111I / 10/19/2016 / Regular Sample	SB915-0314-01 / SB915-MW-111I / 05/06/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]	[19J]		[12J]	[11J+]	[26J]
CHLORIDE	250(S)	mg/L	[38000J]	[38000]	[41000]	[38000]	[37000]	[39000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[9.0]	[9.7J]	[9.2]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[250]		[250]		[280]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[75000]	[74000]	[64000]	[71000]	[69000]	[77000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0092J]		

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0302-02 / SB915-MW-111I / 02/17/2016 / Regular Sample	SB915-0404-06 / SB915-MW-111I / 08/01/2017 / Regular Sample	SB915-0414-04 / SB915-MW-111I / 10/18/2017 / Regular Sample	SB915-0383-07 / SB915-MW-111I / 05/05/2017 / Regular Sample	SB915-0371-06 / SB915-MW-111I / 02/16/2017 / Regular Sample	SB915-0045-03 / SB915-MW-111I / 04/30/2012 / Regular sample
BROMIDE	2(G)	mg/L	[13J]		[9.5J]	[13J]	[14J]	[23]
CHLORIDE	250(S)	mg/L	[41000]	[36000]	[38000]	[37000]	[37000]	[39000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[8.7J]	[9.7J]	[9.4]	[8.9J]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[280]	[360]	[300]	[250]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[72000]	[72000]	[67000]	[71000]	[63000]	[73000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.049J-]	[0.0052J]	[0.0068J]		

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0061-02 / SB915-MW-111I / 07/23/2012 / Regular sample	SB915-0081-06 / SB915-MW-111I / 11/15/2012 / Regular sample	SB915-0105-06 / SB915-MW-111S / 5/14/2013 / Regular sample	SB915-0123-03 / SB915-MW-111S / 08/14/2013 / Regular sample	SB915-0141-06 / SB915-MW-111S / 10/31/2013 / Regular sample	SB915-0152-04 / SB915-MW-111S / 2/3/2014 / Regular sample
BROMIDE	2(G)	mg/L	[44]		[4.9]	[5.1]	[4.6]	
CHLORIDE	250(S)	mg/L	[38000]	[36000]	[13100]	[10200]	[12800]	[9100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[67000]	[61000]	[23100]	[24400]	[22800]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0171-06 / SB915-MW-111S / 05/09/2014 / Regular sample	SB915-0186-03 / SB915-MW-111S / 08/07/2014 / Regular sample	SB915-0210-01 / SB915-MW-111S / 11/05/2014 / Regular sample	SB915-0252-04 / SB915-MW-111S / 05/07/2015 / Regular sample	SB915-0265-06 / SB915-MW-111S / 07/22/2015 / Regular sample	SB915-0284-06 / SB915-MW-111S / 10/22/2015 / Regular sample
BROMIDE	2(G)	mg/L	[15]	[3.2J]		[5.1J]		[6.3J]
CHLORIDE	250(S)	mg/L	[12000]	[10000]	[8600J+]	[8600]	[8600J]	[8600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[22000]	[22000]	[17000]	[16000]	[19000]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0077J]				[0.011]	[0.050J+]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0230-04 / SB915-MW-111S / 02/13/2015 / Regular sample	SB915-0337-02 / SB915-MW-111S / 08/09/2016 / Regular Sample	SB915-0357-03 / SB915-MW-111S / 10/19/2016 / Regular Sample	SB915-0314-06 / SB915-MW-111S / 05/06/2016 / Regular Sample	SB915-0302-03 / SB915-MW-111S / 02/17/2016 / Regular Sample	SB915-0404-03 / SB915-MW-111S / 08/01/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[3.3J]	[2.9J+]	[6.6J]	[4.2J]	
CHLORIDE	250(S)	mg/L	[9600]	[8700]	[8200]	[11000]	[11000]	[9000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[6.3]	[5.6J]	[7.1]		[5.7J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[16000]	[16000]	[17000]	[24000]	[19000]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.012J]	[0.015J]	[0.012J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0414-01 / SB915-MW-111S / 10/18/2017 / Regular Sample	SB915-0383-09 / SB915-MW-111S / 05/05/2017 / Regular Sample	SB915-0371-07 / SB915-MW-111S / 02/16/2017 / Regular Sample	SB915-0045-04 / SB915-MW-111S / 04/30/2012 / Regular sample	SB915-0061-01 / SB915-MW-111S / 07/23/2012 / Regular sample	SB915-0081-05 / SB915-MW-111S / 11/15/2012 / Regular sample
BROMIDE	2(G)	mg/L	[2.2J]	[3.9J]	[3.0J]	[5.7]	[16]	
CHLORIDE	250(S)	mg/L	[8300]	[9800]	[7600]	[8600]	[11000]	[9500]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.9J]	[6.4]	[5.4]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[20000]	[15000]	[21000]	[19000]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.011]			[0.017]	[0.015]	[0.029J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0108-06 / SB915-MW-112I / 5/17/2013 / Regular sample / NA	SB915-0124-02 / SB915-MW-112I / 08/15/2013 / Regular sample	SB915-0141-03 / SB915-MW-112I / 10/31/2013 / Regular sample	SB915-0158-02 / SB915-MW-112I / 2/11/2014 / Regular sample	SB915-0173-01 / SB915-MW-112I / 05/13/2014 / Regular sample	SB915-0187-01 / SB915-MW-112I / 08/12/2014 / Regular sample
BROMIDE	2(G)	mg/L	[16.1]	[13.1]	[12.6]	[21J+]	[61]	[18J]
CHLORIDE	250(S)	mg/L	[38500]	[33100]	[36400]	[37000]	[36000]	[39000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[71500]	[80600]	[72000]	[59000]	[65000]	[73000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0055J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0211-01 / SB915-MW-112I / 11/06/2014 / Regular sample	SB915-0252-09 / SB915-MW-112I / 05/07/2015 / Regular sample	SB915-0265-08 / SB915-MW-112I / 07/22/2015 / Regular sample	SB915-0283-08 / SB915-MW-112I / 10/21/2015 / Regular sample	SB915-0230-01 / SB915-MW-112I / 02/13/2015 / Regular sample	SB915-0337-03 / SB915-MW-112I / 08/09/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[44]	[19J]	[21J]			[12J]
CHLORIDE	250(S)	mg/L	[37000J+]	[36000]	[38000J]	[36000]	[38000]	[36000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[7.7]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[67000]	[65000]	[69000]	[66000]	[62000]	[62000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.014]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0358-05 / SB915-MW-112I / 10/20/2016 / Regular Sample	SB915-0313-02 / SB915-MW-112I / 05/05/2016 / Regular Sample	SB915-0303-08 / SB915-MW-112I / 02/18/2016 / Regular Sample	SB915-0404-07 / SB915-MW-112I / 08/01/2017 / Regular Sample	SB915-0414-05 / SB915-MW-112I / 10/18/2017 / Regular Sample	SB915-0387-06 / SB915-MW-112I / 05/11/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[25]	[13J]		[10J]	[13J]
CHLORIDE	250(S)	mg/L	[36000]	[36000]	[38000+]	[34000]	[35000]	[34000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.8]	[7.7]		[7.6J]	[8.0J]	[7.7]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[370]	[260]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[69000]	[63000]	[61000]	[68000]	[60000]	[68000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.015]	[0.10J-]	[0.0056J]	

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0372-08 / SB915-MW-112I / 02/17/2017 / Regular Sample	SB915-0048-06 / SB915-MW-112I / 05/03/2012 / Regular sample	SB915-0059-11 / SB915-MW-112I / 07/19/2012 / Regular sample	SB915-0075-05 / SB915-MW-112I / 11/07/2012 / Regular sample	SB915-0108-07 / SB915-MW-112S / 5/17/2013 / Regular sample	SB915-0124-01 / SB915-MW-112S / 08/15/2013 / Regular sample
BROMIDE	2(G)	mg/L	[30J]	[14]				[2.1]
CHLORIDE	250(S)	mg/L	[69000]	[37000]	[36000]	[250]	[3250]	[3810]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.8J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[410]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[56000]	[65000]	[62000]	[780]	[6740]	[8120]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0141-04 / SB915-MW-112S / 10/31/2013 / Regular sample	SB915-0158-01 / SB915-MW-112S / 2/11/2014 / Regular sample	SB915-0173-02 / SB915-MW-112S / 05/13/2014 / Regular sample	SB915-0187-02 / SB915-MW-112S / 08/12/2014 / Regular sample	SB915-0252-08 / SB915-MW-112S / 05/07/2015 / Regular sample	SB915-0265-07 / SB915-MW-112S / 07/22/2015 / Regular sample
BROMIDE	2(G)	mg/L			[2.4J]	[4.4J]	[2.7J]	[2.1J]
CHLORIDE	250(S)	mg/L	[3710]	[3400]	[3300]	[4100]	[3700]	[2900J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6560]	[5700]	[5600]	[8200]	[6300]	[6000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0283-09 / SB915-MW-112S / 10/21/2015 / Regular sample	SB915-0230-03 / SB915-MW-112S / 02/13/2015 / Regular sample	SB915-0338-06 / SB915-MW-112S / 08/10/2016 / Regular Sample	SB915-0359-05 / SB915-MW-112S / 10/21/2016 / Regular Sample	SB915-0313-01 / SB915-MW-112S / 05/05/2016 / Regular Sample	SB915-0303-07 / SB915-MW-112S / 02/18/2016 / Regular Sample
BROMIDE	2(G)	mg/L			[3.3J]		[3.2]	
CHLORIDE	250(S)	mg/L	[3800]	[6500]	[5600]	[3500]	[2900]	[2800J+]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[4.1]		[2.6]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[260]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7500]	[11000]	[13000]	[8400]	[5200]	[5000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.011J-]	[0.020]

NOTES:
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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0404-05 / SB915-MW-112S / 08/01/2017 / Regular Sample	SB915-0414-03 / SB915-MW-112S / 10/18/2017 / Regular Sample	SB915-0387-01 / SB915-MW-112S / 05/11/2017 / Regular Sample	SB915-0373-01 / SB915-MW-112S / 02/20/2017 / Regular Sample	SB915-0048-05 / SB915-MW-112S / 05/03/2012 / Regular sample	SB915-0059-10 / SB915-MW-112S / 07/19/2012 / Regular sample
BROMIDE	2(G)	mg/L		[2.6J]				[2.1]
CHLORIDE	250(S)	mg/L	[2800]	[6300]	[2900]	[2800]	[3700]	[4300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.2]	[4.8J]	[2.6]	[2.7]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5400]	[11000]	[6400]	[4600]	[7200]	[8500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.064]	[0.045]			[0.015]

NOTES:
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0075-03 / SB915-MW-112S / 11/07/2012 / Regular sample	SB915-0108-08 / SB915-MW-113S / 5/17/2013 / Regular sample	SB915-0130-01 / SB915-MW-113S / 08/23/2013 / Regular sample	SB915-0145-01 / SB915-MW-113S / 11/07/2013 / Regular sample	SB915-0159-03 / SB915-MW-113S / 2/12/2014 / Regular sample	SB915-0180-01 / SB915-MW-113S / 05/22/2014 / Regular sample
				NA				
BROMIDE	2(G)	mg/L		[6.7]	[5.6]	[4.6]		
CHLORIDE	250(S)	mg/L	[7000]	[10000]	[11000]	[11600]	[10000]	[10000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[348]	[513]	[475]	[490]	[430]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[21900]	[21200]	[20800]	[19000]	[21000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.04J]	[0.010]	

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0189-01 / SB915-MW-113S / 08/14/2014 / Regular sample	SB915-0224-06 / SB915-MW-113S / 12/03/2014 / Regular sample	SB915-0259-01 / SB915-MW-113S / 05/18/2015 / Regular sample	SB915-0269-01 / SB915-MW-113S / 07/28/2015 / Regular sample	SB915-0285-01 / SB915-MW-113S / 10/23/2015 / Regular sample	SB915-0233-03 / SB915-MW-113S / 02/18/2015 / Regular sample
BROMIDE	2(G)	mg/L	[20]	[19]	[7.7J]	[6.8J]	[9.8J]	[14]
CHLORIDE	250(S)	mg/L	[12000]	[11000]	[9100]	[8800]	[10000]	[11000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[560]	[650]	[520]	[480]	[600]	[640]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[23000]	[21000]	[17000]	[21000]	[22000]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.014]	[0.030]	[0.011]	[0.0079J]

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Units	Field Sample ID	SB915-0342-02	SB915-0356-05	SB915-0322-06	SB915-0303-06	SB915-0402-04	SB915-0413-03
			Location	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S	SB915-MW-113S
			Sample Date	08/16/2016	10/18/2016	05/20/2016	02/18/2016	07/28/2017	10/17/2017
			Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
BROMIDE	2(G)	mg/L		[4.8J]	[2.2J+]	[15]	[3.6J]	[4.3J]	
CHLORIDE	250(S)	mg/L		[9400]	[11000]	[9700]	[11000J+]	[9600]	[9900]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[2.6]	[2.5J]	[2.2]		[2.3J]	[3.0J]
NITROGEN, NITRATE (AS N)	NC	mg/L							
NITROGEN, NITRATE-NITRITE	10(S)	mg/L							
SULFATE	250(S)	mg/L		[650]	[650]	[570]	[610]	[590]	[630]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L		[24000]	[22000]	[21000]	[19000]	[19000]	[21000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0086J]	[0.0089J]	[0.014J+]	[0.016]	[0.011J-]	[0.019]

NOTES:

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0387-04 / SB915-MW-113S / 05/11/2017 / Regular Sample	SB915-0368-10 / SB915-MW-113S / 02/14/2017 / Regular Sample	SB915-0049-02 / SB915-MW-113S / 05/04/2012 / Regular sample	SB915-0059-01 / SB915-MW-113S / 07/19/2012 / Regular sample	SB915-0077-02 / SB915-MW-113S / 11/09/2012 / Regular sample	SB915-0101-04 / SB915-MW-115BR / 5/8/2013 / Regular sample
BROMIDE	2(G)	mg/L	[4.2J]	[6.8]	[6.0]			[29.8]
CHLORIDE	250(S)	mg/L	[9100]	[9300J]	[10000]	[9900]	[8400]	[27100]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.5]	[2.4]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[560]	[530]	[250]	[280]	[460]	[1640]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[20000]	[15000]	[18000]	[39000]	[19000]	[53200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.017]	[0.013]	[0.019]	[0.015]	[0.22J]	

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0116-02 SB915-MW-115BR 08/05/2013 Regular sample	SB915-0138-05 SB915-MW-115BR 10/28/2013 Regular sample	SB915-0153-06 SB915-MW-115BR 2/4/2014 Regular sample	SB915-0170-03 SB915-MW-115BR 05/08/2014 Regular sample	SB915-0185-03 SB915-MW-115BR 08/06/2014 Regular sample	SB915-0205-05 SB915-MW-115BR 10/29/2014 Regular sample
BROMIDE	2(G)	mg/L	[18.6]	[32.9]	[51]	[37]		[4.9]
CHLORIDE	250(S)	mg/L	[18500]	[25700]	[20000]	[27000]	[20000]	[2800J+]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1370]	[1550]	[1300]	[1500]	[1300]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[38000]	[51800]	[34000]	[55000]	[39000]	[49000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0250-05 SB915-MW-115BR 05/05/2015 Regular sample	SB915-0271-01 SB915-MW-115BR 07/30/2015 Regular sample	SB915-0286-05 SB915-MW-115BR 10/26/2015 Regular sample	SB915-0229-02 SB915-MW-115BR 02/12/2015 Regular sample	SB915-0333-01 SB915-MW-115BR 08/02/2016 Regular Sample	SB915-0352-03 SB915-MW-115BR 10/11/2016 Regular Sample
BROMIDE	2(G)	mg/L	[34]	[23J]		[11J]	[20J]	[19J+]
CHLORIDE	250(S)	mg/L	[26000]	[23000]	[27000]	[25000]	[27000]	[24000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[7.7F1]	[7.3]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1600]	[1400]	[1300]	[1600]	[1600]	[1700]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[49000]	[45000]	[45000]	[43000]	[49000]	[51000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.014]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0316-05 SB915-MW-115BR 05/10/2016 Regular Sample	SB915-0297-10 SB915-MW-115BR 02/10/2016 Regular Sample	SB915-0399-08 SB915-MW-115BR 07/25/2017 Regular Sample	SB915-0409-11 SB915-MW-115BR 10/11/2017 Regular Sample	SB915-0379-01 SB915-MW-115BR 05/01/2017 Regular Sample	SB915-0367-04 SB915-MW-115BR 02/13/2017 Regular Sample
BROMIDE	2(G)	mg/L	[58]	[20J]	[64]	[43]	[45]	[18J]
CHLORIDE	250(S)	mg/L	[26000]	[26000]	[25000]	[29000]	[25000]	[24000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.0]		[5.7J]	[9.2]	[6.9]	[7.6J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1600]	[1600]	[1700]	[1700]	[1600]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[49000]	[47000]	[46000]	[49000]	[47000]	[40000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0095J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0054-03 / SB915-MW-115BR / 05/25/2012 / Regular sample	SB915-0065-06 / SB915-MW-115BR / 07/26/2012 / Regular sample	SB915-0071-05 / SB915-MW-115BR / 11/01/2012 / Regular sample	SB915-0100-05 / SB915-MW-116S / 5/7/2013 / Regular sample	SB915-0117-04 / SB915-MW-116S / 08/06/2013 / Regular sample	SB915-0138-07 / SB915-MW-116S / 10/28/2013 / Regular sample
BROMIDE	2(G)	mg/L	[22]	[15]				
CHLORIDE	250(S)	mg/L	[29000]	[26000]	[19000]	[403]	[533]	[556]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1600]	[1400]	[1300]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[42000]	[39000]	[34000]	[1210]	[1780]	[1570]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.013]		[0.015J]			[0.04J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0167-03 / SB915-MW-116S / 2/24/2014 / Regular sample	SB915-0184-03 / SB915-MW-116S / 08/05/2014 / Regular sample	SB915-0205-02 / SB915-MW-116S / 10/29/2014 / Regular sample	SB915-0250-04 / SB915-MW-116S / 05/05/2015 / Regular sample	SB915-0277-03 / SB915-MW-116S / 08/07/2015 / Regular sample	SB915-0286-02 / SB915-MW-116S / 10/26/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L		[720]	[550J+]		[310]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[250]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[730]	[2000]	[1500]	[780]	[1100]	[670]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0229-04 / SB915-MW-116S / 02/12/2015 / Regular sample	SB915-0349-04 / SB915-MW-116S / 08/25/2016 / Regular Sample	SB915-0352-04 / SB915-MW-116S / 10/11/2016 / Regular Sample	SB915-0315-05 / SB915-MW-116S / 05/09/2016 / Regular Sample	SB915-0401-03 / SB915-MW-116S / 07/27/2017 / Regular Sample	SB915-0409-06 / SB915-MW-116S / 10/11/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[330]					
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1000]	[920]	[990]	[530]	[730]	[760]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0381-06 / SB915-MW-116S / 05/03/2017 / Regular Sample	SB915-0368-06 / SB915-MW-116S / 02/14/2017 / Regular Sample	SB915-0054-04 / SB915-MW-116S / 05/25/2012 / Regular sample	SB915-0066-06 / SB915-MW-116S / 07/27/2012 / Regular sample	SB915-0071-01 / SB915-MW-116S / 11/01/2012 / Regular sample	SB915-0101-03 / SB915-MW-117S / 5/8/2013 / Regular sample
BROMIDE	2(G)	mg/L						[2.4]
CHLORIDE	250(S)	mg/L			[1700]	[1000]	[430]	[6080]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L		[520]	[3100]	[2800]	[1400]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0061J]	[0.028]	[0.020]		[0.025J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0118-05 / SB915-MW-117S / 08/07/2013 / Regular sample	SB915-0143-03 / SB915-MW-117S / 11/04/2013 / Regular sample	SB915-0168-03 / SB915-MW-117S / 2/25/2014 / Regular sample	SB915-0170-02 / SB915-MW-117S / 05/08/2014 / Regular sample	SB915-0184-04 / SB915-MW-117S / 08/05/2014 / Regular sample	SB915-0206-01 / SB915-MW-117S / 10/30/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[3790]	[5240]	[4000]	[3400]	[4000]	[2400J+]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8430]	[9610]	[7100]	[2600]	[8400]	[7500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0250-01 / SB915-MW-117S / 05/05/2015 / Regular sample	SB915-0271-03 / SB915-MW-117S / 07/30/2015 / Regular sample	SB915-0287-03 / SB915-MW-117S / 10/27/2015 / Regular sample	SB915-0229-03 / SB915-MW-117S / 02/12/2015 / Regular sample	SB915-0334-04 / SB915-MW-117S / 08/03/2016 / Regular Sample	SB915-0352-02 / SB915-MW-117S / 10/11/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[2.6J]	[3.1J]				
CHLORIDE	250(S)	mg/L	[3800]	[3500]	[5200]	[3900]	[3300]	[4400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[270]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8500]	[7500]	[9900]	[6900]	[6400]	[7500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0316-04 / SB915-MW-117S / 05/10/2016 / Regular Sample	SB915-0298-07 / SB915-MW-117S / 02/11/2016 / Regular Sample	SB915-0400-03 / SB915-MW-117S / 07/26/2017 / Regular Sample	SB915-0410-03 / SB915-MW-117S / 10/12/2017 / Regular Sample	SB915-0381-03 / SB915-MW-117S / 05/03/2017 / Regular Sample	SB915-0367-11 / SB915-MW-117S / 02/13/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[3.1]	[11]		[3.3]	[4.3]	
CHLORIDE	250(S)	mg/L	[3000]	[5000]	[3600]	[3600]	[3200]	[3100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6000]	[8700]	[6800]	[6600]	[6200]	[4700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0060J]	[0.0066J]	

NOTES:
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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0054-02 / SB915-MW-117S / 05/25/2012 / Regular sample	SB915-0065-08 / SB915-MW-117S / 07/26/2012 / Regular sample	sb915-0074-01 / SB915-MW-117S / 11/06/2012 / Regular sample	SB915-0100-02 / SB915-MW-118BR / 5/7/2013 / Regular sample	SB915-0114-04 / SB915-MW-118BR / 08/01/2013 / Regular sample	SB915-0138-01 / SB915-MW-118BR / 10/28/2013 / Regular sample
BROMIDE	2(G)	mg/L	[2.3]					
CHLORIDE	250(S)	mg/L	[3900]	[5700]	[3900]	[3490]	[3110]	[3190]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[1150]	[1150]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7800]	[10000]	[10000]	[8630]	[8020]	[7620]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.028]					

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0153-02 SB915-MW-118BR 2/4/2014 Regular sample	SB915-0169-01 SB915-MW-118BR 05/07/2014 Regular sample	SB915-0183-01 SB915-MW-118BR 08/04/2014 Regular sample	SB915-0202-02 SB915-MW-118BR 10/23/2014 Regular sample	SB915-0247-03 SB915-MW-118BR 04/30/2015 Regular sample	SB915-0270-04 SB915-MW-118BR 07/29/2015 Regular sample
BROMIDE	2(G)	mg/L					[3.4]	
CHLORIDE	250(S)	mg/L	[2900]	[2900]	[2900]	[3000J+]	[2900]	[2800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[990]	[980]	[930]	[1100]	[1200]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8000]	[7600]	[7000]	[7100]	[8000]	[9000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.017]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0285-07 SB915-MW-118BR 10/23/2015 Regular sample	SB915-0226-05 SB915-MW-118BR 02/09/2015 Regular sample	SB915-0332-01 SB915-MW-118BR 08/01/2016 Regular Sample	SB915-0351-01 SB915-MW-118BR 10/10/2016 Regular Sample	SB915-0315-04 SB915-MW-118BR 05/09/2016 Regular Sample	SB915-0297-08 SB915-MW-118BR 02/10/2016 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[2900]	[3100]	[2800]	[2600]	[2700]	[2900]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[5.8]	[5.3J+]	[5.0]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1200]	[1200]	[1200]	[1100]	[1200]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7800]	[6600]	[7300]	[7300]	[7300]	[7000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0399-03 SB915-MW-118BR 07/25/2017 Regular Sample	SB915-0409-10 SB915-MW-118BR 10/11/2017 Regular Sample	SB915-0379-06 SB915-MW-118BR 05/01/2017 Regular Sample	SB915-0367-08 SB915-MW-118BR 02/13/2017 Regular Sample	SB915-0051-04 SB915-MW-118BR 05/18/2012 Regular sample	SB915-0065-02 SB915-MW-118BR 07/26/2012 Regular sample
BROMIDE	2(G)	mg/L			[4.7]			
CHLORIDE	250(S)	mg/L	[2700]	[2800]	[2700]	[3000]	[3600]	[3600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.9J]	[6.2]	[5.6]	[5.6]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1200]	[1300]	[1200]	[1200]	[1100]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7600]	[6900]	[6600]	[6300]	[8800]	[8200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0090J]		[0.013]	[0.0082J]	

NOTES:
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0070-02 SB915-MW-118BR 10/31/2012 Regular sample	SB915-0100-01 SB915-MW-118S 5/7/2013 Regular sample	SB915-0120-01 SB915-MW-118S 08/09/2013 Regular sample	SB915-0138-02 SB915-MW-118S 10/28/2013 Regular sample	SB915-0153-03 SB915-MW-118S 2/4/2014 Regular sample	SB915-0169-02 SB915-MW-118S 05/07/2014 Regular sample
BROMIDE	2(G)	mg/L		[2.6]	[5.2]			
CHLORIDE	250(S)	mg/L	[3200]	[8940]	[14400]	[3140]	[4000]	[4300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3500]	[17100]	[24800]	[6070]	[7200]	[7800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0183-02 / SB915-MW-118S / 08/04/2014 / Regular sample	SB915-0205-01 / SB915-MW-118S / 10/29/2014 / Regular sample	SB915-0247-04 / SB915-MW-118S / 04/30/2015 / Regular sample	SB915-0270-05 / SB915-MW-118S / 07/29/2015 / Regular sample	SB915-0285-08 / SB915-MW-118S / 10/23/2015 / Regular sample	SB915-0226-04 / SB915-MW-118S / 02/09/2015 / Regular sample
BROMIDE	2(G)	mg/L	[4.1J]			[2.1J]	[4.3J]	[8.5]
CHLORIDE	250(S)	mg/L	[7800]	[270J+]	[480]	[6200]	[6500]	[4400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[790]	[1400]	[14000]	[13000]	[7600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0333-05 / SB915-MW-118S / 08/02/2016 / Regular Sample	SB915-0351-06 / SB915-MW-118S / 10/10/2016 / Regular Sample	SB915-0315-02 / SB915-MW-118S / 05/09/2016 / Regular Sample	SB915-0297-09 / SB915-MW-118S / 02/10/2016 / Regular Sample	SB915-0399-09 / SB915-MW-118S / 07/25/2017 / Regular Sample	SB915-0410-02 / SB915-MW-118S / 10/12/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[5.1J]	[2.0J+]	[8.2J]	[4.0J+]	[22J]	[5.7]
CHLORIDE	250(S)	mg/L	[16000]	[8600]	[11000]	[13000]	[18000]	[18000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.2]	[3.4J+]	[5.1]		[9.5J]	[9.4]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[31000]	[17000]	[21000]	[23000]	[38000]	[31000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.10J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0379-07 / SB915-MW-118S / 05/01/2017 / Regular Sample	SB915-0367-07 / SB915-MW-118S / 02/13/2017 / Regular Sample	SB915-0053-05 / SB915-MW-118S / 05/24/2012 / Regular sample	SB915-0065-01 / SB915-MW-118S / 07/26/2012 / Regular sample	SB915-0070-01 / SB915-MW-118S / 10/31/2012 / Regular sample	SB915-0104-01 / SB915-MW-36D / 5/13/2013 / Regular sample
BROMIDE	2(G)	mg/L	[9.7J]		[11]			
CHLORIDE	250(S)	mg/L	[9000]	[10000]	[24000]	[23000]	[480]	[1530]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.7]	[5.5]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[17000]	[37000]	[39000]	[1200]	[3300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.97J-]		[0.012]		[0.33]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0121-02 / SB915-MW-36D / 08/12/2013 / Regular sample	SB915-0150-01 / SB915-MW-36D / 11/14/2013 / Regular sample	SB915-0165-03 / SB915-MW-36D / 2/20/2014 / Regular sample	SB915-0178-02 / SB915-MW-36D / 05/20/2014 / Regular sample	SB915-0195-01 / SB915-MW-36D / 08/22/2014 / Regular sample	SB915-0214-01 / SB915-MW-36D / 11/11/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1560]	[1460]	[2000]	[1600]	[1800]	[1500J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3390]	[3150]	[4000]	[3300]	[3600]	[3300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.07J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0249-02	SB915-0280-02	SB915-0292-02	SB915-0244-02	SB915-0348-01	SB915-0364-03
		Location	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D	SB915-MW-36D
		Sample Date	05/04/2015	08/12/2015	11/04/2015	03/05/2015	08/24/2016	11/01/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1700]	[1500]	[1600]	[1400]	[1700]	[2000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4000]	[3900]	[4400]	[3400]	[5300]	[4100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.010]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0329-04 / SB915-MW-36D / 06/01/2016 / Regular Sample	SB915-0312-02 / SB915-MW-36D / 03/11/2016 / Regular Sample	SB915-0407-02 / SB915-MW-36D / 08/04/2017 / Regular Sample	SB915-0419-02 / SB915-MW-36D / 10/26/2017 / Regular Sample	SB915-0394-02 / SB915-MW-36D / 05/22/2017 / Regular Sample	SB915-0376-06 / SB915-MW-36D / 02/23/2017 / Regular Sample
BROMIDE	2(G)	mg/L					[2.5]	
CHLORIDE	250(S)	mg/L	[1700]	[1500]	[1900]	[1900]	[1700]	[1800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4700]	[3600]	[4200]	[3700]	[4100]	[3400J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0067-01 / SB915-MW-36D / 07/27/2012 / Regular sample	SB915-0067-01 / SB915-MW-36D / 07/27/2012 / Regular sample	SB915-0072-01 / SB915-MW-36D / 11/02/2012 / Regular sample	SB915-0104-03 / SB915-MW-36I / 5/13/2013 / Regular sample	SB915-0121-01 / SB915-MW-36I / 08/12/2013 / Regular sample	SB915-0150-02 / SB915-MW-36I / 11/14/2013 / Regular sample
BROMIDE	2(G)	mg/L					[4.4]	[4.6]
CHLORIDE	250(S)	mg/L	[1500]	[1500]	[1500]	[1550]	[11200]	[23200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3100]	[3100]	[3200]	[4130]	[27100]	[49900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.19]			[0.19J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0165-02 / SB915-MW-36I / 2/20/2014 / Regular sample	SB915-0178-03 / SB915-MW-36I / 05/20/2014 / Regular sample	SB915-0195-02 / SB915-MW-36I / 08/22/2014 / Regular sample	SB915-0214-02 / SB915-MW-36I / 11/11/2014 / Regular sample	SB915-0249-03 / SB915-MW-36I / 05/04/2015 / Regular sample	SB915-0280-03 / SB915-MW-36I / 08/12/2015 / Regular sample
BROMIDE	2(G)	mg/L			[11J]	[14J+]		
CHLORIDE	250(S)	mg/L	[11000]	[14000]	[20000]	[24000J]	[360]	[17000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[20000]	[27000]	[37000]	[50000]	[1900]	[39000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.018]	[0.015J+]	[0.016J]	[0.022]		[0.019]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL;

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0292-03 / SB915-MW-36I / 11/04/2015 / Regular sample	SB915-0244-01 / SB915-MW-36I / 03/05/2015 / Regular sample	SB915-0348-04 / SB915-MW-36I / 08/24/2016 / Regular Sample	SB915-0364-01 / SB915-MW-36I / 11/01/2016 / Regular Sample	SB915-0329-03 / SB915-MW-36I / 06/01/2016 / Regular Sample	SB915-0312-03 / SB915-MW-36I / 03/11/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[13J+]		[8.9J]	[16J]	[13J]	
CHLORIDE	250(S)	mg/L	[28000]	[28000]	[22000]	[27000]	[16000]	
NITROGEN, AMMONIA (AS N)	NC	mg/L			[7.5]	[9.1]	[5.9J+]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[61000]	[57000]	[59000]	[49000]	[44000]	[1400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.023J+]	[0.035J]	[0.018]	[0.021]	[0.018J-]	[0.012]

NOTES:

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0407-06 / SB915-MW-36I / 08/04/2017 / Regular Sample	SB915-0419-03 / SB915-MW-36I / 10/26/2017 / Regular Sample	SB915-0394-03 / SB915-MW-36I / 05/22/2017 / Regular Sample	SB915-0376-07 / SB915-MW-36I / 02/23/2017 / Regular Sample	SB915-0057-02 / SB915-MW-36I / 05/31/2012 / Regular sample	SB915-0066-04 / SB915-MW-36I / 07/27/2012 / Regular sample
BROMIDE	2(G)	mg/L	[5.5J]	[9.2J]		[24J]		
CHLORIDE	250(S)	mg/L	[19000]	[25000]	[1200]	[35000]	[1000]	[35000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.0]	[6.7]	[2.3]	[11J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[30000]	[41000]	[3800]	[51000]	[3600]	[52000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.016J-]	[0.022]	[0.0092J]	[0.021]	[0.012J]	[0.026J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0072-02 / SB915-MW-36I / 11/02/2012 / Regular sample	SB915-0104-02 / SB915-MW-36S / 5/13/2013 / Regular sample	SB915-0165-01 / SB915-MW-36S / 2/20/2014 / Regular sample	SB915-0178-04 / SB915-MW-36S / 05/20/2014 / Regular sample	SB915-0249-01 / SB915-MW-36S / 05/04/2015 / Regular sample	SB915-0364-05 / SB915-MW-36S / 11/01/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[45000]		[600]			[540]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[2.3]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[72000]	[1520]	[1800]	[1400]	[1500]	[2100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.036]					[0.0090J]

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0329-02 / SB915-MW-36S / 06/01/2016 / Regular Sample	SB915-0312-01 / SB915-MW-36S / 03/11/2016 / Regular Sample	SB915-0400-08 / SB915-MW-36S / 07/26/2017 / Regular Sample	SB915-0394-04 / SB915-MW-36S / 05/22/2017 / Regular Sample	SB915-0377-06 / SB915-MW-36S / 02/24/2017 / Regular Sample	SB915-0057-01 / SB915-MW-36S / 05/31/2012 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[670]		[390]			[380]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.4J+]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2900]	[1400]	[2100]	[1400]	[1500]	[1800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.014J-]	[0.0088J]	[0.0063J-]			[0.0076J]

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0389-05 / SB915-MW-40S / 05/15/2017 / Regular Sample	SB915-0110-04 / SB915-MW-42D / 5/21/2013 / Regular sample	SB915-0136-01 / SB915-MW-42D / 09/10/2013 / Regular sample	SB915-0149-03 / SB915-MW-42D / 11/13/2013 / Regular sample	SB915-0166-01 / SB915-MW-42D / 2/21/2014 / Regular sample	SB915-0179-03 / SB915-MW-42D / 05/21/2014 / Regular sample
BROMIDE	2(G)	mg/L	[2.1J]	[17]	[22.1]	[9.8]		
CHLORIDE	250(S)	mg/L	[2700]	[46700]	[48100]	[47800]	[43000]	[46000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[2000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7200]	[88400]	[88400]	[83600]	[81000]	[72000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.05J]	[0.25J]	[0.35J]	[0.045]	[0.014J+]

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0199-04 / SB915-MW-42D / 08/28/2014 / Regular sample	SB915-0215-01 / SB915-MW-42D / 11/12/2014 / Regular sample	SB915-0257-01 / SB915-MW-42D / 05/14/2015 / Regular sample	SB915-0273-02 / SB915-MW-42D / 08/03/2015 / Regular sample	SB915-0291-01 / SB915-MW-42D / 11/03/2015 / Regular sample	SB915-0238-02 / SB915-MW-42D / 02/25/2015 / Regular sample
BROMIDE	2(G)	mg/L	[22J]	[28J+]	[25J]	[27J]	[22J]	[36J]
CHLORIDE	250(S)	mg/L	[45000]	[44000J]	[45000]	[45000]	[48000]	[46000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[250]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000]	[71000]	[85000]	[110000]	[89000]	[77000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.12J]		

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0347-01 / SB915-MW-42D / 08/23/2016 / Regular Sample	SB915-0363-07 / SB915-MW-42D / 10/31/2016 / Regular Sample	SB915-0326-01 / SB915-MW-42D / 05/26/2016 / Regular Sample	SB915-0306-04 / SB915-MW-42D / 02/23/2016 / Regular Sample	SB915-0405-08 / SB915-MW-42D / 08/02/2017 / Regular Sample	SB915-0420-06 / SB915-MW-42D / 10/27/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]		[14J]	[27]	[16J]	[21J]
CHLORIDE	250(S)	mg/L	[44000]	[42000]	[46000]	[46000]	[47000]	[53000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[14]	[15]	[15J]		[13]	[15]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[360]		[280]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[77000]	[88000]	[91000]	[120000]	[96000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.010]			[0.0085J]		

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0390-02 / SB915-MW-42D / 05/16/2017 / Regular Sample	SB915-0376-05 / SB915-MW-42D / 02/23/2017 / Regular Sample	SB915-0041-05 / SB915-MW-42D / 04/24/2012 / Regular sample	SB915-0059-08 / SB915-MW-42D / 07/19/2012 / Regular sample	SB915-0084-01 / SB915-MW-42D / 11/20/2012 / Regular sample	SB915-0111-08 / SB915-MW-42I / 5/22/2013 / Regular sample
BROMIDE	2(G)	mg/L	[14J]	[28J]				[16.0]
CHLORIDE	250(S)	mg/L	[41000]	[46000]	[52000]	[43000]	[43000]	[43300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13]	[14J]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[260]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[83000]	[68000]	[80000]	[110000]	[69000]	[77900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.13]	[0.11]	[0.14]	[0.07J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0137-02 / SB915-MW-42I / 09/11/2013 / Regular sample	SB915-0149-02 / SB915-MW-42I / 11/13/2013 / Regular sample	SB915-0166-02 / SB915-MW-42I / 2/21/2014 / Regular sample	SB915-0179-04 / SB915-MW-42I / 05/21/2014 / Regular sample	SB915-0199-05 / SB915-MW-42I / 08/28/2014 / Regular sample	SB915-0257-02 / SB915-MW-42I / 05/14/2015 / Regular sample
BROMIDE	2(G)	mg/L	[13.3]	[12.8]		[34J]	[17J]	[23J]
CHLORIDE	250(S)	mg/L	[48000]	[49400]	[42000]	[43000]	[42000]	[48000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[102000]	[75300]	[80000]	[91000]	[93000]	[83000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.35]	[0.22J]	[0.057]	[0.036J+]	[0.043]	[0.064]

NOTES:
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Table 12
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Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0273-01 / SB915-MW-42I / 08/03/2015 / Regular sample	SB915-0291-02 / SB915-MW-42I / 11/03/2015 / Regular sample	SB915-0238-01 / SB915-MW-42I / 02/25/2015 / Regular sample	SB915-0347-02 / SB915-MW-42I / 08/23/2016 / Regular Sample	SB915-0363-02 / SB915-MW-42I / 10/31/2016 / Regular Sample	SB915-0326-04 / SB915-MW-42I / 05/26/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[30]	[30J]	[21J]	[25J]	[16J]
CHLORIDE	250(S)	mg/L	[42000]	[41000]	[41000]	[42000]	[45000]	[43000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[10]	[12]	[8.9]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[82000]	[76000]	[91000]	[79000]	[79000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.040J]	[0.067J+]	[0.075J]	[0.086]	[0.089]	[0.068]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0306-06 / SB915-MW-42I / 02/23/2016 / Regular Sample	SB915-0405-06 / SB915-MW-42I / 08/02/2017 / Regular Sample	SB915-0420-04 / SB915-MW-42I / 10/27/2017 / Regular Sample	SB915-0389-03 / SB915-MW-42I / 05/15/2017 / Regular Sample	SB915-0377-04 / SB915-MW-42I / 02/24/2017 / Regular Sample	SB915-0041-04 / SB915-MW-42I / 04/24/2012 / Regular sample
BROMIDE	2(G)	mg/L	[17J]	[18J]	[22J]	[19J]	[17J]	
CHLORIDE	250(S)	mg/L	[46000]	[47000]	[52000]	[40000]	[44000]	[46000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[11]	[12]	[10]	[12J]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[89000]	[130000]	[98000]	[75000]	[70000]	[77000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.074]	[0.12J-]	[0.14]	[0.040]	[0.053]	[0.070]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0059-07 / SB915-MW-42I / 07/19/2012 / Regular sample	SB915-0084-02 / SB915-MW-42I / 11/20/2012 / Regular sample	SB915-0111-07 / SB915-MW-42S / 5/22/2013 / Regular sample	SB915-0180-03 / SB915-MW-42S / 05/22/2014 / Regular sample	SB915-0274-07 / SB915-MW-42S / 08/04/2015 / Regular sample	SB915-0327-04 / SB915-MW-42S / 05/27/2016 / Regular Sample
BROMIDE	2(G)	mg/L			[6.6]		[6.4J]	[29]
CHLORIDE	250(S)	mg/L	[37000]	[42000]	[16600]	[20000]	[14000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[3.0]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[91000]	[71000]	[34700]	[35000]	[30000]	[29000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.047]	[0.15]			[0.016J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0307-07 / SB915-MW-42S / 02/24/2016 / Regular Sample	SB915-0390-01 / SB915-MW-42S / 05/16/2017 / Regular Sample	SB915-0377-01 / SB915-MW-42S / 02/24/2017 / Regular Sample	SB915-0043-06 / SB915-MW-42S / 04/26/2012 / Regular sample	SB915-0112-05 / SB915-MW-43S / 5/23/2013 / Regular sample	SB915-0275-05 / SB915-MW-43S / 08/05/2015 / Regular sample
BROMIDE	2(G)	mg/L	[5.8J]	[5.6J]	[5.5J]	[12]		
CHLORIDE	250(S)	mg/L	[14000]	[16000]	[14000]	[18000]	[1420]	[1400]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[3.7]	[3.6]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[26000]	[30000]	[23000]	[39000]	[3960]	[4800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.012]		[0.18]		[0.015J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0327-05 / SB915-MW-43S / 05/27/2016 / Regular Sample	SB915-0308-01 / SB915-MW-43S / 02/25/2016 / Regular Sample	SB915-0405-02 / SB915-MW-43S / 08/02/2017 / Regular Sample	SB915-0389-01 / SB915-MW-43S / 05/15/2017 / Regular Sample	SB915-0377-02 / SB915-MW-43S / 02/24/2017 / Regular Sample	SB915-0052-02 / SB915-MW-43S / 05/23/2012 / Regular sample
BROMIDE	2(G)	mg/L		[2.3J]				
CHLORIDE	250(S)	mg/L	[1200]	[1200]	[1300]	[1100]	[1100]	[1600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4100]	[3000]	[4100]	[3400]	[2600]	[5500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.015]			[0.011]	[0.019]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0107-02	SB915-0132-02	SB915-0148-01	SB915-0163-04	SB915-0179-01	SB915-0197-01
		Location	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D
		Sample Date	5/16/2013	08/27/2013	11/12/2013	2/18/2014	05/21/2014	08/26/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[415]	[415]	[448]	[440]	[450]	[440]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1330]	[1380]	[1220]	[1200]	[1300]	[1300J+]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.012J+]	

NOTES:
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0224-02 / SB915-MW-53D / 12/03/2014 / Regular sample	SB915-0256-04 / SB915-MW-53D / 05/13/2015 / Regular sample	SB915-0273-05 / SB915-MW-53D / 08/03/2015 / Regular sample	SB915-0291-04 / SB915-MW-53D / 11/03/2015 / Regular sample	SB915-0241-02 / SB915-MW-53D / 03/02/2015 / Regular sample	SB915-0346-02 / SB915-MW-53D / 08/22/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[500]	[430]	[380]	[330]	[490]	[350]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1400]	[1300]	[1500]	[1100]	[1300]	[1300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.014J]	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL;

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0363-05	SB915-0327-01	SB915-0306-01	SB915-0405-03	SB915-0420-05	SB915-0392-02
		Location	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D	SB915-MW-53D
		Sample Date	10/31/2016	05/27/2016	02/23/2016	08/02/2017	10/27/2017	05/18/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[350]	[330]	[360]	[300]	[340]	[280]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1200]	[1200]	[1100]	[1200]	[1100]	[1100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.016]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0376-01 / SB915-MW-53D / 02/23/2017 / Regular Sample	SB915-0048-01 / SB915-MW-53D / 05/03/2012 / Regular sample	SB915-0069-07 / SB915-MW-53D / 07/31/2012 / Regular sample	SB915-0083-02 / SB915-MW-53D / 11/19/2012 / Regular sample	SB915-0107-01 / SB915-MW-53I / 5/16/2013 / Regular sample	SB915-0132-01 / SB915-MW-53I / 08/27/2013 / Regular sample
BROMIDE	2(G)	mg/L					[23]	[22.4]
CHLORIDE	250(S)	mg/L	[360]	[470]	[430]	[490]	[62500]	[60100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1100]	[1300J]	[710]	[1500]	[128000]	[164000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.49]	[0.28]	[0.43]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0148-02 / SB915-MW-53I / 11/12/2013 / Regular sample	SB915-0163-05 / SB915-MW-53I / 2/18/2014 / Regular sample	SB915-0179-02 / SB915-MW-53I / 05/21/2014 / Regular sample	SB915-0197-04 / SB915-MW-53I / 08/26/2014 / Regular sample	SB915-0256-05 / SB915-MW-53I / 05/13/2015 / Regular sample	SB915-0273-04 / SB915-MW-53I / 08/03/2015 / Regular sample
BROMIDE	2(G)	mg/L	[15.5]		[42J]		[28J]	[29J]
CHLORIDE	250(S)	mg/L	[62700]	[66000]	[55000]	[5900]	[58000]	[57000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[91200]	[110000]	[110000]	[100000]	[100000]	[130000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.44]	[0.20J+]	[0.21J+]	[0.23]	[0.20]	[0.26J]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0291-05 / SB915-MW-53I / 11/03/2015 / Regular sample	SB915-0241-01 / SB915-MW-53I / 03/02/2015 / Regular sample	SB915-0346-01 / SB915-MW-53I / 08/22/2016 / Regular Sample	SB915-0363-01 / SB915-MW-53I / 10/31/2016 / Regular Sample	SB915-0327-03 / SB915-MW-53I / 05/27/2016 / Regular Sample	SB915-0306-02 / SB915-MW-53I / 02/23/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[44J]	[37J]	[37J]	[28J]	[110]	[1300]
CHLORIDE	250(S)	mg/L	[55000]	[57000]	[53000]	[57000]	[55000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[14]	[16]	[16]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[90000]	[130000]	[96000]	[120000]	[110000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21J+]	[0.25]	[0.23]	[0.26]	[0.21]	[0.24]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0405-05 / SB915-MW-53I / 08/02/2017 / Regular Sample	SB915-0420-03 / SB915-MW-53I / 10/27/2017 / Regular Sample	SB915-0391-05 / SB915-MW-53I / 05/17/2017 / Regular Sample	SB915-0376-03 / SB915-MW-53I / 02/23/2017 / Regular Sample	SB915-0048-02 / SB915-MW-53I / 05/03/2012 / Regular sample	SB915-0069-08 / SB915-MW-53I / 07/31/2012 / Regular sample
BROMIDE	2(G)	mg/L	[20J]	[23J]	[19J]	[45]	[25]	[19J]
CHLORIDE	250(S)	mg/L	[56000]	[60000]	[53000]	[55000]	[60000]	[56000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[15J]	[15]	[16]	[14J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[140000]	[120000]	[120000]	[86000]	[100000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21J-]	[0.21]	[0.22]	[0.20]	[0.39]	[0.36]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0083-03	SB915-0274-05	SB915-0329-01	SB915-0307-08	SB915-0391-01	SB915-0377-03
		Location	SB915-MW-53I	SB915-MW-53S	SB915-MW-53S	SB915-MW-53S	SB915-MW-53S	SB915-MW-53S
		Sample Date	11/19/2012	08/04/2015	06/01/2016	02/24/2016	05/17/2017	02/24/2017
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[57000]	[1900]	[2000]	[1800]	[1800]	[1800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[99000]	[6000]	[6300]	[4800]	[5400]	[4100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.43]	[0.011J]	[0.061J-]	[0.17]	[0.0068J]	

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0106-07 / SB915-MW-59S / 5/15/2013 / Regular sample	SB915-0128-01 / SB915-MW-59S / 08/21/2013 / Regular sample	SB915-0139-08 / SB915-MW-59S / 10/29/2013 / Regular sample	SB915-0155-01 / SB915-MW-59S / 2/6/2014 / Regular sample	SB915-0175-06 / SB915-MW-59S / 05/15/2014 / Regular sample	SB915-0190-04 / SB915-MW-59S / 08/15/2014 / Regular sample
BROMIDE	2(G)	mg/L	[4.7]	[3.9]	[4.2]			[6.0J]
CHLORIDE	250(S)	mg/L	[9190]	[8710]	[8570]	[7700]	[9400]	[9600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[19300]	[17300]	[20400]	[14000]	[17000]	[21000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0224-03 / SB915-MW-59S / 12/03/2014 / Regular sample	SB915-0255-06 / SB915-MW-59S / 05/12/2015 / Regular sample	SB915-0267-03 / SB915-MW-59S / 07/24/2015 / Regular sample	SB915-0285-06 / SB915-MW-59S / 10/23/2015 / Regular sample	SB915-0234-02 / SB915-MW-59S / 02/19/2015 / Regular sample	SB915-0335-05 / SB915-MW-59S / 08/04/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[11J]	[5.0J]	[6.4J]	[8.7J]	[8.3J]	[3.0J]
CHLORIDE	250(S)	mg/L	[8200]	[8000]	[9200J]	[7800]	[7700J]	[8200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[7.5]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[15000]	[15000]	[19000]	[16000]	[12000]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0079J]		[0.011]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0355-06 / SB915-MW-59S / 10/17/2016 / Regular Sample	SB915-0314-12 / SB915-MW-59S / 05/06/2016 / Regular Sample	SB915-0298-06 / SB915-MW-59S / 02/11/2016 / Regular Sample	SB915-0400-10 / SB915-MW-59S / 07/26/2017 / Regular Sample	SB915-0410-11 / SB915-MW-59S / 10/12/2017 / Regular Sample	SB915-0386-02 / SB915-MW-59S / 05/10/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[2.7J+]	[7.4J]	[16]	[3.2J]	[2.9J]	[3.6J]
CHLORIDE	250(S)	mg/L	[7700]	[8900]	[8800]	[8300]	[7700]	[8600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[11J]	[4.2]		[9.0J]	[11J]	[10]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[20000]	[16000]	[19000]	[15000]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.093J]		[0.0071J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0369-10 / SB915-MW-59S / 02/15/2017 / Regular Sample	SB915-0047-03 / SB915-MW-59S / 05/02/2012 / Regular sample	SB915-0062-08 / SB915-MW-59S / 07/24/2012 / Regular sample	SB915-0080-02 / SB915-MW-59S / 11/14/2012 / Regular sample	SB915-0107-03 / SB915-MW-60S / 5/16/2013 / Regular sample	SB915-0128-02 / SB915-MW-60S / 08/21/2013 / Regular sample
BROMIDE	2(G)	mg/L	[5.6]	[6.0]				
CHLORIDE	250(S)	mg/L	[8500]	[11000]	[8900]	[8000]	[4440]	[4400]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[11]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[25000]	[15000]	[14000]	[9840]	[9150]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0139-09 / SB915-MW-60S / 10/29/2013 / Regular sample	SB915-0155-04 / SB915-MW-60S / 2/6/2014 / Regular sample	SB915-0175-07 / SB915-MW-60S / 05/15/2014 / Regular sample	SB915-0193-03 / SB915-MW-60S / 08/20/2014 / Regular sample	SB915-0219-02 / SB915-MW-60S / 11/18/2014 / Regular sample	SB915-0256-02 / SB915-MW-60S / 05/13/2015 / Regular sample
BROMIDE	2(G)	mg/L	[2.0]		[6.2]	[2.0J]		[2.1J]
CHLORIDE	250(S)	mg/L	[4430]	[3800]	[3900]	[4500]	[4000J]	[4100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7800]	[6900]	[7300]	[7600]	[7400]	[7400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.013]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0275-02 / SB915-MW-60S / 08/05/2015 / Regular sample	SB915-0281-08 / SB915-MW-60S / 10/19/2015 / Regular sample	SB915-0234-01 / SB915-MW-60S / 02/19/2015 / Regular sample	SB915-0338-07 / SB915-MW-60S / 08/10/2016 / Regular Sample	SB915-0357-07 / SB915-MW-60S / 10/19/2016 / Regular Sample	SB915-0314-11 / SB915-MW-60S / 05/06/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[2.8J]	[3.2J+]	[3.2J]			[2.9J]
CHLORIDE	250(S)	mg/L	[3800]	[4300]	[4500J]	[4000]	[3600]	[4000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[3.9]	[4.6J]	[5.1]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9000]	[7800]	[7400]	[9200]	[7700]	[9100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0086J]			[0.099]	[0.021]	[0.015J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0298-03 / SB915-MW-60S / 02/11/2016 / Regular Sample	SB915-0400-09 / SB915-MW-60S / 07/26/2017 / Regular Sample	SB915-0410-10 / SB915-MW-60S / 10/12/2017 / Regular Sample	SB915-0386-03 / SB915-MW-60S / 05/10/2017 / Regular Sample	SB915-0370-01 / SB915-MW-60S / 02/15/2017 / Regular Sample	SB915-0047-04 / SB915-MW-60S / 05/02/2012 / Regular sample
BROMIDE	2(G)	mg/L	[6.6]				[2.3J]	[2.6]
CHLORIDE	250(S)	mg/L	[4200]	[4400]	[3700]	[3900]	[4200]	[5500]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[5.5J]	[4.6J]	[4.9]	[5.4]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7700]	[12000]	[7700]	[8100]	[6600]	[12000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0059J-]	[0.0095J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0062-10 / SB915-MW-60S / 07/24/2012 / Regular sample	SB915-0080-01 / SB915-MW-60S / 11/14/2012 / Regular sample	SB915-0106-06 / SB915-MW-70D / 5/15/2013 / Regular sample	SB915-0127-04 / SB915-MW-70D / 08/20/2013 / Regular sample	SB915-0139-04 / SB915-MW-70D / 10/29/2013 / Regular sample	SB915-0154-01 / SB915-MW-70D / 2/5/2014 / Regular sample
BROMIDE	2(G)	mg/L			[16.9]	[15.3]	[7.2]	
CHLORIDE	250(S)	mg/L	[5000]	[4200]	[40100]	[42100]	[39900]	[46000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8200]	[7000]	[84500]	[77700]	[83000]	[65000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.14J]		

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0177-02 / SB915-MW-70D / 05/19/2014 / Regular sample	SB915-0190-05 / SB915-MW-70D / 08/15/2014 / Regular sample	SB915-0217-02 / SB915-MW-70D / 11/14/2014 / Regular sample	SB915-0255-01 / SB915-MW-70D / 05/12/2015 / Regular sample	SB915-0267-01 / SB915-MW-70D / 07/24/2015 / Regular sample	SB915-0281-05 / SB915-MW-70D / 10/19/2015 / Regular sample
BROMIDE	2(G)	mg/L	[54]	[16J]		[28J]	[34J]	[30J+]
CHLORIDE	250(S)	mg/L	[46000]	[45000]	[40000J]	[43000]	[45000J]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[84000]	[100000]	[64000]	[84000]	[95000]	[72000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.0088J]	

NOTES:
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0231-02 / SB915-MW-70D / 02/16/2015 / Regular sample	SB915-0335-03 / SB915-MW-70D / 08/04/2016 / Regular Sample	SB915-0354-01 / SB915-MW-70D / 10/14/2016 / Regular Sample	SB915-0314-10 / SB915-MW-70D / 05/06/2016 / Regular Sample	SB915-0298-01 / SB915-MW-70D / 02/11/2016 / Regular Sample	SB915-0402-10 / SB915-MW-70D / 07/28/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[14J]	[10J+]	[34J]	[71]	[18J]
CHLORIDE	250(S)	mg/L	[39000]	[40000]	[36000]	[46000]	[42000]	[48000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[15]		[8.6]		[20J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[260]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[67000]	[110000]	[80000]	[88000]	[73000]	[93000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.011J-]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0411-05 / SB915-MW-70D / 10/13/2017 / Regular Sample	SB915-0387-07 / SB915-MW-70D / 05/11/2017 / Regular Sample	SB915-0369-08 / SB915-MW-70D / 02/15/2017 / Regular Sample	SB915-0047-02 / SB915-MW-70D / 05/02/2012 / Regular sample	SB915-0062-06 / SB915-MW-70D / 07/24/2012 / Regular sample	SB915-0079-01 / SB915-MW-70D / 11/13/2012 / Regular sample
BROMIDE	2(G)	mg/L	[14J]	[17J]	[31J]	[24]		
CHLORIDE	250(S)	mg/L	[40000]	[46000]	[44000]	[47000]	[45000]	[35000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[12J]	[19]	[17]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[79000]	[86000]	[65000]	[120000]	[82000]	[62000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.009J]		

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0106-05 / SB915-MW-70S / 5/15/2013 / Regular sample	SB915-0127-03 / SB915-MW-70S / 08/20/2013 / Regular sample	SB915-0139-05 / SB915-MW-70S / 10/29/2013 / Regular sample	SB915-0154-02 / SB915-MW-70S / 2/5/2014 / Regular sample	SB915-0177-01 / SB915-MW-70S / 05/19/2014 / Regular sample	SB915-0190-06 / SB915-MW-70S / 08/15/2014 / Regular sample
BROMIDE	2(G)	mg/L	[4.9]	[5.3]	[3.7]			[5.7]
CHLORIDE	250(S)	mg/L	[9600]	[7410]	[6930]	[7900]	[12000]	[8200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[18900]	[14000]	[13500]	[15000]	[21000]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0217-01 / SB915-MW-70S / 11/14/2014 / Regular sample	SB915-0255-02 / SB915-MW-70S / 05/12/2015 / Regular sample	SB915-0267-02 / SB915-MW-70S / 07/24/2015 / Regular sample	SB915-0281-07 / SB915-MW-70S / 10/19/2015 / Regular sample	SB915-0231-01 / SB915-MW-70S / 02/16/2015 / Regular sample	SB915-0335-04 / SB915-MW-70S / 08/04/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[2.9J+]	[5.1J]		[4.9J+]		[2.7J]
CHLORIDE	250(S)	mg/L	[6200J]	[9800]	[9300J]	[6700]	[7500]	[6900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[7.9]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[11000]	[18000]	[20000]	[13000]	[13000]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0354-02 / SB915-MW-70S / 10/14/2016 / Regular Sample	SB915-0314-09 / SB915-MW-70S / 05/06/2016 / Regular Sample	SB915-0298-02 / SB915-MW-70S / 02/11/2016 / Regular Sample	SB915-0402-09 / SB915-MW-70S / 07/28/2017 / Regular Sample	SB915-0411-04 / SB915-MW-70S / 10/13/2017 / Regular Sample	SB915-0386-05 / SB915-MW-70S / 05/10/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[7.2J]	[16]	[4.5J]	[2.5J]	[3.8J]
CHLORIDE	250(S)	mg/L	[6800]	[10000]	[7500]	[10000]	[6600]	[11000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.5]	[10]		[17J]	[5.4J]	[17]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[13000]	[22000]	[15000]	[20000]	[13000]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.0097J]	

NOTES:
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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0369-06 / SB915-MW-70S / 02/15/2017 / Regular Sample	SB915-0047-01 / SB915-MW-70S / 05/02/2012 / Regular sample	SB915-0062-05 / SB915-MW-70S / 07/24/2012 / Regular sample	SB915-0079-02 / SB915-MW-70S / 11/13/2012 / Regular sample	SB915-0113-01 / SB915-MW-85D / 5/24/2013 / Regular sample	SB915-0132-05 / SB915-MW-85D / 08/27/2013 / Regular sample
BROMIDE	2(G)	mg/L	[5.6]	[6.2]	[2.5]		[19.2]	[19.5]
CHLORIDE	250(S)	mg/L	[10000]	[9900]	[7500]	[5900]	[51100]	[52900]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[9.0]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[20000]	[22000]	[14000]	[12000]	[99100]	[187000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.05J]	[0.13J]

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0149-01 / SB915-MW-85D / 11/13/2013 / Regular sample	SB915-0167-01 / SB915-MW-85D / 2/24/2014 / Regular sample	SB915-0177-06 / SB915-MW-85D / 05/19/2014 / Regular sample	SB915-0200-01 / SB915-MW-85D / 08/29/2014 / Regular sample	SB915-0224-07 / SB915-MW-85D / 12/03/2014 / Regular sample	SB915-0263-01 / SB915-MW-85D / 05/22/2015 / Regular sample
BROMIDE	2(G)	mg/L	[71]		[61]	[34J]	[52]	[39J]
CHLORIDE	250(S)	mg/L	[51800]	[50000]	[53000]	[51000]	[50000]	[53000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[82300]	[84000]	[93000]	[89000]	[94000]	[98000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.18J]					

NOTES:

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0276-05 / SB915-MW-85D / 08/06/2015 / Regular sample	SB915-0287-04 / SB915-MW-85D / 10/27/2015 / Regular sample	SB915-0245-01 / SB915-MW-85D / 03/06/2015 / Regular sample	SB915-0349-05 / SB915-MW-85D / 08/25/2016 / Regular Sample	SB915-0355-04 / SB915-MW-85D / 10/17/2016 / Regular Sample	SB915-0324-01 / SB915-MW-85D / 05/24/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]			[20J]	[53J+]	[96]
CHLORIDE	250(S)	mg/L	[50000]	[54000]	[52000]	[51000]	[47000]	[54000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[18]	[20J]	[18]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[95000]	[100000]	[89000]	[120000]	[110000]	[95000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0094J]		[0.0066J]			[0.014]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0305-03 / SB915-MW-85D / 02/22/2016 / Regular Sample	SB915-0403-04 / SB915-MW-85D / 07/31/2017 / Regular Sample	SB915-0413-01 / SB915-MW-85D / 10/17/2017 / Regular Sample	SB915-0389-02 / SB915-MW-85D / 05/15/2017 / Regular Sample	SB915-0374-04 / SB915-MW-85D / 02/21/2017 / Regular Sample	SB915-0052-03 / SB915-MW-85D / 05/23/2012 / Regular sample
BROMIDE	2(G)	mg/L	[18J+]		[17J]	[18J]	[37J]	[23]
CHLORIDE	250(S)	mg/L	[51000]	[49000]	[49000]	[52000]	[49000]	[53000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[21J]	[22J]	[22]	[21]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[87000]	[110000]	[100000]	[100000]	[76000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0067J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0068-02 / SB915-MW-85D / 07/30/2012 / Regular sample	SB915-0078-02 / SB915-MW-85D / 11/12/2012 / Regular sample	SCA-0079-02 / SB915-MW-87BR / 5/29/2013 / Regular sample	SCA-0087-02 / SB915-MW-87BR / 8/29/2013 / Regular sample	SCA-0102A-01 / SB915-MW-87BR / 11/18/2013 / Regular sample	SCA-0114-04 / SB915-MW-87BR / 2/26/2014 / Regular sample
BROMIDE	2(G)	mg/L	[63J]		[131]	[142]	[120J-]	
CHLORIDE	250(S)	mg/L	[46000]	[47000]	[33400]	[38300]	[35900]	[22000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[1080]	[1050]	[1030]	[270]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000]	[61000J]	[59300]	[66800]	[56900]	[59000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.21J]	[0.08J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0125-01 / SB915-MW-87BR / 05/28/2014 / Regular sample	SCA-0137-02 / SB915-MW-87BR / 09/02/2014 / Regular sample	SCA-0152-03 / SB915-MW-87BR / 12/09/2014 / Regular sample	SB915-0260-01 / SB915-MW-87BR / 05/19/2015 / Regular sample	SB915-0274-01 / SB915-MW-87BR / 08/04/2015 / Regular sample	SB915-0290-04 / SB915-MW-87BR / 10/30/2015 / Regular sample
BROMIDE	2(G)	mg/L	[97]	[120J]	[180]	[130]	[130]	[86]
CHLORIDE	250(S)	mg/L	[37000]	[36000J]	[36000]	[35000]	[34000]	[38000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[990J+]	[980]	[1100]	[1000]	[980]	[780]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[70000]	[71000]	[62000]	[90000]	[72000]	[74000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.029J-]	[0.046]		[0.0098J]	[0.016J]	[0.015]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0165-02 / SB915-MW-87BR / 03/09/2015 / Regular sample	SB915-0349-03 / SB915-MW-87BR / 08/25/2016 / Regular Sample	SB915-0365-01 / SB915-MW-87BR / 11/02/2016 / Regular Sample	SB915-0330-03 / SB915-MW-87BR / 06/02/2016 / Regular Sample	SB915-0308-03 / SB915-MW-87BR / 02/25/2016 / Regular Sample	SB915-0408-06 / SB915-MW-87BR / 08/07/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[470]	[160]	[140]	[150]	[140]	[130]
CHLORIDE	250(S)	mg/L	[34000]	[37000]	[35000]	[38000]	[35000]	[37000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[21]	[21]	[24J]		[22]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[830]	[1100]	[980]	[1000]	[1000]	[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[65000]	[83000]	[66000]	[71000]	[65000]	[88000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0090J]				[0.016]	[0.0072J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0416-04 / SB915-MW-87BR / 10/20/2017 / Regular Sample	SB915-0395-01 / SB915-MW-87BR / 05/23/2017 / Regular Sample	SB915-0374-05 / SB915-MW-87BR / 02/21/2017 / Regular Sample	SCA-0044-04 / SB915-MW-87BR / 05/07/2012 / Regular sample	SCA-0052-03 / SB915-MW-87BR / 07/11/2012 / Regular sample	SCA-0058-03 / SB915-MW-87BR / 11/26/2012 / Regular sample
BROMIDE	2(G)	mg/L	[150]	[180]	[130]	[193]	[125]	[138]
CHLORIDE	250(S)	mg/L	[33000]	[36000]	[38000]	[36800]	[38900]	[36600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[23J]	[26]	[22J]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[1000]	[990]	[1170]	[1260]	[1040]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[66000]	[75000]	[57000]	[87000]	[77900]	[66800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0079-03	SCA-0087-03	SCA-0102A-03	SCA-0114-02	SCA-0125-02	SCA-0137-01
		Location	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I	SB915-MW-87I
		Sample Date	5/29/2013	8/29/2013	11/18/2013	2/26/2014	05/28/2014	09/02/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1170]	[1230]	[1200]	[1100J]	[1100]	[1000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[256]	[250]	[251]		[270J+]	[260]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2580]	[2610]	[2320]	[1900]	[2600]	[2600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.06J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0152-02 / SB915-MW-87I / 12/09/2014 / Regular sample	SCA-0176-04 / SB915-MW-87I / 05/26/2015 / Regular sample	SCA-0184-06 / SB915-MW-87I / 08/14/2015 / Regular sample	SCA-0194-05 / SB915-MW-87I / 11/16/2015 / Regular sample	SCA-0165-03 / SB915-MW-87I / 03/09/2015 / Regular sample	SCA-0216-07 / SB915-MW-87I / 08/29/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[970]	[940]	[880]	[820]	[820]	[620]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2100]	[2300]	[2400]	[2300]	[2300]	[2400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.012]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0223-06 / SB915-MW-87I / 11/04/2016 / Regular Sample	SCA-0210-06 / SB915-MW-87I / 06/06/2016 / Regular Sample	SCA-0201-03 / SB915-MW-87I / 03/02/2016 / Regular Sample	SCA-0244-01 / SB915-MW-87I / 08/08/2017 / Regular Sample	SCA-0251-01 / SB915-MW-87I / 10/31/2017 / Regular Sample	SCA-0238-02 / SB915-MW-87I / 06/01/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[840J-]	[890]	[900]	[770]	[770]	[810]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[260]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2100]	[2300]		[2200]	[2000]	[2300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[2000J]			[0.012]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0231-08 / SB915-MW-87I / 02/27/2017 / Regular Sample	SCA-0044-03 / SB915-MW-87I / 05/07/2012 / Regular sample	SCA-0052-04 / SB915-MW-87I / 07/11/2012 / Regular sample	SCA-0058-05 / SB915-MW-87I / 11/26/2012 / Regular sample	SCA-0079-01 / SB915-MW-87S / 5/29/2013 / Regular sample	SCA-0087-01 / SB915-MW-87S / 8/29/2013 / Regular sample
BROMIDE	2(G)	mg/L		[5.1J]	[2.1J]			
CHLORIDE	250(S)	mg/L	[830]	[1310]	[1200]	[1030]		
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[250]		[267]	[257]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1900]	[3390]	[2740]	[2740]	[556]	[659]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0102A-02	SCA-0114-01	SCA-0125-04	SCA-0176-01	SCA-0194-04	SCA-0165-01
		Location	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S	SB915-MW-87S
		Sample Date	11/18/2013	2/26/2014	05/28/2014	05/26/2015	11/16/2015	03/09/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[660]	[570]	[610]	[510]	[590]	
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0098J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0216-01 / SB915-MW-87S / 08/29/2016 / Regular Sample	SCA-0224-01 / SB915-MW-87S / 11/07/2016 / Regular Sample	SCA-0210-05 / SB915-MW-87S / 06/06/2016 / Regular Sample	SCA-0201-01 / SB915-MW-87S / 03/02/2016 / Regular Sample	SCA-0245-01 / SB915-MW-87S / 08/09/2017 / Regular Sample	SCA-0251-02 / SB915-MW-87S / 10/31/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[680]	[600]	[630]	[750]	[560]	[760]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0239-04 / SB915-MW-87S / 06/02/2017 / Regular Sample	SCA-0044-01 / SB915-MW-87S / 05/07/2012 / Regular sample	SCA-0052-02 / SB915-MW-87S / 07/11/2012 / Regular sample	SCA-0058-04 / SB915-MW-87S / 11/26/2012 / Regular sample	SCA-0080-06 / SB915-MW-88BR / 5/30/2013 / Regular sample	SCA-0088-04 / SB915-MW-88BR / 8/30/2013 / Regular sample
BROMIDE	2(G)	mg/L					[80.7]	[91.0]
CHLORIDE	250(S)	mg/L					[28500]	[31700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[1150]	[1040]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[570]	[496]	[548]	[595]	[57200]	[57500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.016]	[0.029J]			[0.08J]	[0.04J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0104-01 / SB915-MW-88BR / 11/20/2013 / Regular sample	SCA-0119-02 / SB915-MW-88BR / 3/5/2014 / Regular sample	SCA-0126-04 / SB915-MW-88BR / 05/29/2014 / Regular sample	SCA-0139-02 / SB915-MW-88BR / 09/04/2014 / Regular sample	SCA-0156-01 / SB915-MW-88BR / 12/12/2014 / Regular sample	SB915-0262-01 / SB915-MW-88BR / 05/21/2015 / Regular sample
BROMIDE	2(G)	mg/L	[73.3]	[38]	[80]	[77J]	[120]	[88]
CHLORIDE	250(S)	mg/L	[31300]	[30000]	[30000]	[30000J]	[30000]	[31000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1070]	[900]	[1100J+]	[940]	[1000]	[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[55000]	[48000]	[67000]	[65000]	[65000]	[60000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.13J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0274-02 / SB915-MW-88BR / 08/04/2015 / Regular sample	SB915-0293-02 / SB915-MW-88BR / 11/05/2015 / Regular sample	SCA-0166-05 / SB915-MW-88BR / 03/10/2015 / Regular sample	SB915-0345-04 / SB915-MW-88BR / 08/19/2016 / Regular Sample	SB915-0365-03 / SB915-MW-88BR / 11/02/2016 / Regular Sample	SB915-0330-08 / SB915-MW-88BR / 06/02/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[85]	[89]	[59]	[77]	[97]	[94]
CHLORIDE	250(S)	mg/L	[34000]	[29000]	[27000]	[31000]	[29000]	[30000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[19]	[19]	[18J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[990]	[1100]	[790]	[1100]	[990]	[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[65000]	[55000]	[48000]	[72000]	[53000]	[60000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.058J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0308-02 / SB915-MW-88BR / 02/25/2016 / Regular Sample	SB915-0408-01 / SB915-MW-88BR / 08/07/2017 / Regular Sample	SB915-0419-08 / SB915-MW-88BR / 10/26/2017 / Regular Sample	SB915-0395-03 / SB915-MW-88BR / 05/23/2017 / Regular Sample	SB915-0378-01 / SB915-MW-88BR / 02/27/2017 / Regular Sample	SCA-0045-04 / SB915-MW-88BR / 05/08/2012 / Regular sample
BROMIDE	2(G)	mg/L	[90]	[88]	[76]	[110]	[85]	[142]
CHLORIDE	250(S)	mg/L	[29000]	[29000]	[32000]	[29000]	[30000]	[30100]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[17]	[17]	[21]	[20J]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1000]	[1000]	[1100]	[1000]	[980]	[1110]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[55000]	[71000]	[56000]	[62000]	[51000]	[49400J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0053-04 / SB915-MW-88BR / 07/12/2012 / Regular sample	SCA-0060-05 / SB915-MW-88BR / 11/28/2012 / Regular sample	SCA-0080-05 / SB915-MW-88D / 5/30/2013 / Regular sample	SCA-0090-03 / SB915-MW-88D / 9/4/2013 / Regular sample	SCA-0103-02 / SB915-MW-88D / 11/19/2013 / Regular sample	SCA-0115-02 / SB915-MW-88D / 2/27/2014 / Regular sample
BROMIDE	2(G)	mg/L	[87.2J]	[89.1]	[7.8]	[5.2]	[3.6]	
CHLORIDE	250(S)	mg/L	[31500]	[29500]	[10500]	[9260]	[9230]	[9000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1080]	[1030]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[68900]	[57800]	[19200]	[17100]	[14900]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0055J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0126-03 / SB915-MW-88D / 05/29/2014 / Regular sample	SCA-0139-01 / SB915-MW-88D / 09/04/2014 / Regular sample	SCA-0154-03 / SB915-MW-88D / 12/10/2014 / Regular sample	SCA-0177-05 / SB915-MW-88D / 05/27/2015 / Regular sample	SCA-0185-05 / SB915-MW-88D / 08/17/2015 / Regular sample	SCA-0197-01 / SB915-MW-88D / 11/19/2015 / Regular sample
BROMIDE	2(G)	mg/L		[4.4J]	[5.4J]	[6.0J]	[6.2J]	[7.0J]
CHLORIDE	250(S)	mg/L	[11000]	[9100J]	[9100]	[9300]	[8900]	[8200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[19000]	[17000]	[19000]	[24000]	[20000]	[13000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.0092J]	[0.010]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0166-06 / SB915-MW-88D / 03/10/2015 / Regular sample	SCA-0216-05 / SB915-MW-88D / 08/29/2016 / Regular Sample	SCA-0223-07 / SB915-MW-88D / 11/04/2016 / Regular Sample	SCA-0211-03 / SB915-MW-88D / 06/07/2016 / Regular Sample	SCA-0202-04 / SB915-MW-88D / 03/03/2016 / Regular Sample	SCA-0247-04 / SB915-MW-88D / 08/11/2017 / Regular Sample
BROMIDE	2(G)	mg/L			[6.5J]	[7.3J]	[4.9J]	
CHLORIDE	250(S)	mg/L	[7200]	[1300]	[9100J-]	[8800]	[8400]	[8000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[29]	[27]	[27]		[29]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[20000]	[15000]	[17000]	[19000]	[14000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.011J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0250-01 / SB915-MW-88D / 10/30/2017 / Regular Sample	SCA-0239-03 / SB915-MW-88D / 06/02/2017 / Regular Sample	SCA-0231-07 / SB915-MW-88D / 02/27/2017 / Regular Sample	SCA-0045-03 / SB915-MW-88D / 05/08/2012 / Regular sample	SCA-0053-03 / SB915-MW-88D / 07/12/2012 / Regular sample	SCA-0060-06 / SB915-MW-88D / 11/28/2012 / Regular sample
BROMIDE	2(G)	mg/L	[4.9J]	[3.6J]	[5.4J]	[18.3]	[6.9J]	[6.6]
CHLORIDE	250(S)	mg/L	[9000]	[8100]	[8200]	[11200]	[11000]	[9380]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[26]	[30]	[28]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[19000]	[14000]	[18400J]	[21300]	[13700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0097J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0080-03 / SB915-MW-88I / 5/30/2013 / Regular sample	SCA-0088-03 / SB915-MW-88I / 8/30/2013 / Regular sample	SCA-0103-01 / SB915-MW-88I / 11/19/2013 / Regular sample	SCA-0115-01 / SB915-MW-88I / 2/27/2014 / Regular sample	SCA-0126-02 / SB915-MW-88I / 05/29/2014 / Regular sample	SCA-0139-03 / SB915-MW-88I / 09/04/2014 / Regular sample
BROMIDE	2(G)	mg/L	[2.7]	[2.3]		[2.4J]	[2.0J]	
CHLORIDE	250(S)	mg/L	[3840]	[3670]	[3330]	[3600J]	[5300]	[4000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6620]	[7080]	[5410]	[5100]	[11000]	[8200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.06J]			[0.0057J]		

NOTES:
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0154-01 / SB915-MW-88I / 12/10/2014 / Regular sample	SCA-0177-03 / SB915-MW-88I / 05/27/2015 / Regular sample	SCA-0185-04 / SB915-MW-88I / 08/17/2015 / Regular sample	SCA-0197-03 / SB915-MW-88I / 11/19/2015 / Regular sample	SCA-0166-02 / SB915-MW-88I / 03/10/2015 / Regular sample	SCA-0216-08 / SB915-MW-88I / 08/29/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[2.3J]	[2.8J]	[2.4J]	[2.3J]		
CHLORIDE	250(S)	mg/L	[3600]	[3900]	[2900]	[2400]	[2400]	[2700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[27]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8000]	[11000]	[7300]	[4300]	[4400]	[9300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0085J]	[0.010]		[0.0058J]	

NOTES:
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0223-04 / SB915-MW-88I / 11/04/2016 / Regular Sample	SCA-0212-03 / SB915-MW-88I / 06/08/2016 / Regular Sample	SCA-0202-03 / SB915-MW-88I / 03/03/2016 / Regular Sample	SCA-0248-02 / SB915-MW-88I / 08/14/2017 / Regular Sample	SCA-0250-04 / SB915-MW-88I / 10/30/2017 / Regular Sample	SCA-0241-05 / SB915-MW-88I / 06/06/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[4.4J]		[3.3]		[2.3J]
CHLORIDE	250(S)	mg/L	[2700J-]	[3700]	[2900]	[3500]	[610]	[4700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[23]	[17]		[18]	[24J]	[15J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5300]	[7500]	[6100]	[7100]	[6000]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.012]		

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0231-04 / SB915-MW-88I / 02/27/2017 / Regular Sample	SCA-0045-02 / SB915-MW-88I / 05/08/2012 / Regular sample	SCA-0053-02 / SB915-MW-88I / 07/12/2012 / Regular sample	SCA-0060-02 / SB915-MW-88I / 11/28/2012 / Regular sample	SCA-0080-04 / SB915-MW-88S / 5/30/2013 / Regular sample	SCA-0088-02 / SB915-MW-88S / 8/30/2013 / Regular sample
BROMIDE	2(G)	mg/L	[3.3J]	[8.2]	[3.7J]	[2.5J]		
CHLORIDE	250(S)	mg/L	[3800]	[4840]	[4470]	[3220]	[689]	[820]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[22]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6500]	[8420]	[9150]	[6050]	[1490]	[1940]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0103-03 / SB915-MW-88S / 11/19/2013 / Regular sample	SCA-0115-03 / SB915-MW-88S / 2/27/2014 / Regular sample	SCA-0126-01 / SB915-MW-88S / 05/29/2014 / Regular sample	SCA-0139-04 / SB915-MW-88S / 09/04/2014 / Regular sample	SCA-0154-02 / SB915-MW-88S / 12/10/2014 / Regular sample	SCA-0177-04 / SB915-MW-88S / 05/27/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[746]	[420J]	[560]	[420J]	[380]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1630]	[1000]	[1500]	[1300]	[1200]	[890]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0082J]

NOTES:
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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0185-06 / SB915-MW-88S / 08/17/2015 / Regular sample	SCA-0194-01 / SB915-MW-88S / 11/16/2015 / Regular sample	SCA-0166-07 / SB915-MW-88S / 03/10/2015 / Regular sample	SCA-0216-06 / SB915-MW-88S / 08/29/2016 / Regular Sample	SCA-0223-01 / SB915-MW-88S / 11/04/2016 / Regular Sample	SCA-0211-05 / SB915-MW-88S / 06/07/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L		[270]		[360]	[460J-]	[350]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[930]	[950]	[760]	[1500]	[1200]	[1100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0087J]				

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0202-02	SCA-0247-10	SCA-0250-07	SCA-0240-02	SCA-0231-06	SCA-0045-01
		Location	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S	SB915-MW-88S
		Sample Date	03/03/2016	08/11/2017	10/30/2017	06/05/2017	02/27/2017	05/08/2012
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						[2.9J]
CHLORIDE	250(S)	mg/L		[600]	[2500]	[570]		[943]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[2.5J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[600]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[890]	[1600]	[1400]	[2000]	[820]	[2230J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0093J]		

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0053-01 / SB915-MW-88S / 07/12/2012 / Regular sample	SCA-0060-01 / SB915-MW-88S / 11/28/2012 / Regular sample	SCA-0082-03 / SB915-MW-89BR / 6/3/2013 / Regular sample	SCA-0090-02 / SB915-MW-89BR / 9/4/2013 / Regular sample	SCA-0106-01 / SB915-MW-89BR / 11/22/2013 / Regular sample	SCA-0116-01 / SB915-MW-89BR / 2/28/2014 / Regular sample
BROMIDE	2(G)	mg/L			[335]	[318]	[312]	[210J]
CHLORIDE	250(S)	mg/L	[916]	[533]	[36900]	[37800]	[38200]	[36000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[1670]	[1210]	[1340]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2290]	[1460]	[66900]	[61300]	[71600]	[52000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.042J]		[0.08J]	[0.19J]	

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0127-01 / SB915-MW-89BR / 05/30/2014 / Regular sample	SCA-0140-04 / SB915-MW-89BR / 09/05/2014 / Regular sample	SCA-0156-03 / SB915-MW-89BR / 12/12/2014 / Regular sample	SB915-0262-02 / SB915-MW-89BR / 05/21/2015 / Regular sample	SB915-0274-03 / SB915-MW-89BR / 08/04/2015 / Regular sample	SB915-0294-03 / SB915-MW-89BR / 11/06/2015 / Regular sample
BROMIDE	2(G)	mg/L	[320]	[240J]	[350]	[320]	[330]	[310]
CHLORIDE	250(S)	mg/L	[40000]	[35000J]	[38000]	[35000]	[37000]	[35000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300J]	[1200]	[1300]	[1200]	[1300]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[64000]	[50000]	[75000]	[68000]	[78000]	[71000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0168-01 / SB915-MW-89BR / 03/12/2015 / Regular sample	SB915-0344-02 / SB915-MW-89BR / 08/18/2016 / Regular Sample	SB915-0366-01 / SB915-MW-89BR / 11/03/2016 / Regular Sample	SB915-0325-05 / SB915-MW-89BR / 05/25/2016 / Regular Sample	SB915-0308-04 / SB915-MW-89BR / 02/25/2016 / Regular Sample	SB915-0407-07 / SB915-MW-89BR / 08/04/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[680]	[300]	[300]	[310]	[310]	[270]
CHLORIDE	250(S)	mg/L	[35000]	[36000]	[38000]	[36000]	[33000]	[35000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[37]	[34]	[38]		[35]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1000]	[1300]	[1200]	[1200]	[1300]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[70000]	[85000]	[68000]	[69000]	[61000]	[68000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.11]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0416-06 / SB915-MW-89BR / 10/20/2017 / Regular Sample	SB915-0393-02 / SB915-MW-89BR / 05/19/2017 / Regular Sample	SB915-0374-01 / SB915-MW-89BR / 02/21/2017 / Regular Sample	SCA-0046-04 / SB915-MW-89BR / 05/09/2012 / Regular sample	SCA-0055-07 / SB915-MW-89BR / 07/14/2012 / Regular sample	SCA-0061-04 / SB915-MW-89BR / 11/29/2012 / Regular sample
BROMIDE	2(G)	mg/L	[320]	[270]	[280]	[428]	[357]	[292]
CHLORIDE	250(S)	mg/L	[30000]	[34000]	[36000]	[38400]	[37600]	[33500]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[39J]	[35]	[37]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300]	[1300]	[1200]	[1380]	[1310]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[65000]	[72000]	[54000]	[85300J]	[76600]	[61300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0081-03 / SB915-MW-89D / 5/31/2013 / Regular sample	SCA-0090-01 / SB915-MW-89D / 9/4/2013 / Regular sample	SCA-0106-03 / SB915-MW-89D / 11/22/2013 / Regular sample	SCA-0116-02 / SB915-MW-89D / 2/28/2014 / Regular sample	SCA-0127-02 / SB915-MW-89D / 05/30/2014 / Regular sample	SCA-0140-03 / SB915-MW-89D / 09/05/2014 / Regular sample
BROMIDE	2(G)	mg/L	[3.2]	[3.7]	[2.1]	[4.4J]	[2.0J]	
CHLORIDE	250(S)	mg/L	[5260]	[5300]	[5190]	[5000J]	[5300]	[4900J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9330]	[9750]	[8190]	[7400]	[9900]	[8600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.13J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0155-01 / SB915-MW-89D / 12/11/2014 / Regular sample	SCA-0178-03 / SB915-MW-89D / 05/29/2015 / Regular sample	SCA-0186-03 / SB915-MW-89D / 08/18/2015 / Regular sample	SCA-0195-01 / SB915-MW-89D / 11/17/2015 / Regular sample	SCA-0168-04 / SB915-MW-89D / 03/12/2015 / Regular sample	SCA-0217-02 / SB915-MW-89D / 08/30/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[3.3J]	[3.4J]	[4.0J]		
CHLORIDE	250(S)	mg/L	[4700]	[5200]	[4700]	[4500]	[4100]	[4200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[20]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9900]	[9900]	[9200]	[7800]	[9000]	[9600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0091J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0225-05 / SB915-MW-89D / 11/08/2016 / Regular Sample	SCA-0212-01 / SB915-MW-89D / 06/08/2016 / Regular Sample	SCA-0203-03 / SB915-MW-89D / 03/04/2016 / Regular Sample	SCA-0246-03 / SB915-MW-89D / 08/10/2017 / Regular Sample	SCA-0253-02 / SB915-MW-89D / 11/02/2017 / Regular Sample	SCA-0241-02 / SB915-MW-89D / 06/06/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[4.3J]	[3.5J]	[3.6J]	[2.5J]	[2.7J]	[2.3J]
CHLORIDE	250(S)	mg/L	[5100]	[4700]	[4900]	[4900]	[5000]	[4700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[19]	[18]		[18]	[17J-]	[19J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8400]	[9500]	[11000]	[8300]	[8500]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.020J-]		[0.0054J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0232-04 / SB915-MW-89D / 02/28/2017 / Regular Sample	SCA-0046-03 / SB915-MW-89D / 05/09/2012 / Regular sample	SCA-0055-06 / SB915-MW-89D / 07/14/2012 / Regular sample	SCA-0061-02 / SB915-MW-89D / 11/29/2012 / Regular sample	SCA-0081-06 / SB915-MW-89I / 5/31/2013 / Regular sample	SCA-0089-02 / SB915-MW-89I / 9/3/2013 / Regular sample
BROMIDE	2(G)	mg/L	[3.4J]	[10.4J]	[5.1J]	[3.9J]		
CHLORIDE	250(S)	mg/L	[4900]	[5810]	[5540]	[5400]	[3120]	[2700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[19]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7800]	[12400J]	[10700]	[9300]	[5770]	[5150]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.05J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0106-04 / SB915-MW-89I / 11/22/2013 / Regular sample	SCA-0116-03 / SB915-MW-89I / 2/28/2014 / Regular sample	SCA-0127-05 / SB915-MW-89I / 05/30/2014 / Regular sample	SCA-0140-02 / SB915-MW-89I / 09/05/2014 / Regular sample	SCA-0155-02 / SB915-MW-89I / 12/11/2014 / Regular sample	SCA-0178-02 / SB915-MW-89I / 05/29/2015 / Regular sample
BROMIDE	2(G)	mg/L	[2.1]	[4.3J]			[2.1J]	
CHLORIDE	250(S)	mg/L	[2870]	[2900J]	[2600]	[2400J]	[2300]	[2400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4900]	[4400]	[4400]	[4500]	[5400]	[4600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.10J]	[0.014]				[0.014]

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0186-02 / SB915-MW-89I / 08/18/2015 / Regular sample	SCA-0195-02 / SB915-MW-89I / 11/17/2015 / Regular sample	SCA-0168-02 / SB915-MW-89I / 03/12/2015 / Regular sample	SCA-0218-01 / SB915-MW-89I / 08/31/2016 / Regular Sample	SCA-0225-03 / SB915-MW-89I / 11/08/2016 / Regular Sample	SCA-0212-05 / SB915-MW-89I / 06/08/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[2.2J]			[2.0]	[2.1J]
CHLORIDE	250(S)	mg/L	[2200]	[1900]	[1800]	[1900]	[1700]	[2100]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[6.1]	[6.2]	[5.7]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4500]	[3500]	[4100]	[3900]	[2900]	[4600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0203-04 / SB915-MW-89I / 03/04/2016 / Regular Sample	SCA-0246-07 / SB915-MW-89I / 08/10/2017 / Regular Sample	SCA-0253-01 / SB915-MW-89I / 11/02/2017 / Regular Sample	SCA-0240-03 / SB915-MW-89I / 06/05/2017 / Regular Sample	SCA-0231-09 / SB915-MW-89I / 02/27/2017 / Regular Sample	SCA-0046-02 / SB915-MW-89I / 05/09/2012 / Regular sample
BROMIDE	2(G)	mg/L						[6.3]
CHLORIDE	250(S)	mg/L	[2100]	[1700]	[890]	[1500]	[1100]	[2970]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[5.8]	[5.0J-]	[5.5J]	[6.0]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4700]	[3200]	[1900]	[4400]	[1900]	[5930J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0052J-]		[0.0059J]		

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0055-05 / SB915-MW-89I / 07/14/2012 / Regular sample	SCA-0061-03 / SB915-MW-89I / 11/29/2012 / Regular sample	SCA-0081-01 / SB915-MW-89S / 5/31/2013 / Regular sample	SCA-0089-01 / SB915-MW-89S / 9/3/2013 / Regular sample	SCA-0106-02 / SB915-MW-89S / 11/22/2013 / Regular sample	SCA-0116-04 / SB915-MW-89S / 2/28/2014 / Regular sample
BROMIDE	2(G)	mg/L	[3.1]	[2.4J]				
CHLORIDE	250(S)	mg/L	[2920]	[3050]	[627]	[471]	[378]	[350J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5350]	[6460]	[1570]	[1310]	[1110]	[1100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.13J]	

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0127-03 / SB915-MW-89S / 05/30/2014 / Regular sample	SCA-0140-01 / SB915-MW-89S / 09/05/2014 / Regular sample	SCA-0155-03 / SB915-MW-89S / 12/11/2014 / Regular sample	SCA-0178-01 / SB915-MW-89S / 05/29/2015 / Regular sample	SCA-0186-05 / SB915-MW-89S / 08/18/2015 / Regular sample	SCA-0195-03 / SB915-MW-89S / 11/17/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[510]	[490J]	[370]	[390]	[330]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1400]	[1400]	[1300]	[1200]	[1100]	[870]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0088J]		

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0168-03	SCA-0218-03	SCA-0225-02	SCA-0212-04	SCA-0206-03	SCA-0248-01
		Location	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S	SB915-MW-89S
		Sample Date	03/12/2015	08/31/2016	11/08/2016	06/08/2016	03/09/2016	08/14/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[280]		[250]			[370]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1100]	[950]	[830]	[840]	[750]	[1100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0072J]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0256-04 / SB915-MW-89S / 11/08/2017 / Regular Sample	SCA-0240-01 / SB915-MW-89S / 06/05/2017 / Regular Sample	SCA-0231-10 / SB915-MW-89S / 02/27/2017 / Regular Sample	SCA-0046-01 / SB915-MW-89S / 05/09/2012 / Regular sample	SCA-0055-04 / SB915-MW-89S / 07/14/2012 / Regular sample	SCA-0061-01 / SB915-MW-89S / 11/29/2012 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[450]	[390]	[270]	[469]	[458]	[395]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1200]	[1400]	[880]	[1510]	[1560]	[1110]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0083-01 / SB915-MW-90BR / 6/4/2013 / Regular sample	SCA-0091-01 / SB915-MW-90BR / 9/5/2013 / Regular sample	SCA-0108-04 / SB915-MW-90BR / 12/03/2013 / Regular sample	SCA-0117-01 / SB915-MW-90BR / 3/3/2014 / Regular sample	SCA-0130-01 / SB915-MW-90BR / 06/04/2014 / Regular sample	SCA-0141-06 / SB915-MW-90BR / 09/08/2014 / Regular sample
BROMIDE	2(G)	mg/L	[151]	[188]	[147]	[210J]	[180]	[180]
CHLORIDE	250(S)	mg/L	[21900]	[24500]	[23600]	[24000J]	[24000]	[23000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1450]	[1310]	[1330]	[1300]	[1500]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[42700]	[41000]	[49700]	[37000]	[42000]	[39000J-]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.09J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0156-02 / SB915-MW-90BR / 12/12/2014 / Regular sample	SB915-0262-06 / SB915-MW-90BR / 05/21/2015 / Regular sample	SB915-0274-04 / SB915-MW-90BR / 08/04/2015 / Regular sample	SB915-0294-04 / SB915-MW-90BR / 11/06/2015 / Regular sample	SCA-0169-04 / SB915-MW-90BR / 03/13/2015 / Regular sample	SB915-0366-02 / SB915-MW-90BR / 11/03/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[240]	[190]	[190]	[190]	[150]	[190]
CHLORIDE	250(S)	mg/L	[26000]	[22000]	[21000]	[22000]	[18000]	[25000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[13]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1500]	[1400]	[1300]	[1300]	[1200]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[50000]	[43000]	[49000]	[45000]	[44000]	[44000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0093J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0325-04 / SB915-MW-90BR / 05/25/2016 / Regular Sample	SB915-0309-02 / SB915-MW-90BR / 02/26/2016 / Regular Sample	SB915-0407-04 / SB915-MW-90BR / 08/04/2017 / Regular Sample	SB915-0419-07 / SB915-MW-90BR / 10/26/2017 / Regular Sample	SB915-0393-01 / SB915-MW-90BR / 05/19/2017 / Regular Sample	SB915-0374-02 / SB915-MW-90BR / 02/21/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[200]	[190]	[160]	[190]	[170]	[200]
CHLORIDE	250(S)	mg/L	[23000]	[21000]	[22000]	[24000]	[21000]	[21000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[12]		[13J]	[13]	[13]	[13J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300]	[1400]	[1200]	[1500]	[1400]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[45000]	[41000]	[41000]	[41000]	[49000]	[37000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.035]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0047-04 / SB915-MW-90BR / 05/10/2012 / Regular sample	SCA-0056-04 / SB915-MW-90BR / 07/17/2012 / Regular sample	SCA-0062-04 / SB915-MW-90BR / 11/30/2012 / Regular sample	SCA-0083-04 / SB915-MW-90I / 6/4/2013 / Regular sample	SCA-0091-03 / SB915-MW-90I / 9/5/2013 / Regular sample	SCA-0108-02 / SB915-MW-90I / 12/03/2013 / Regular sample
BROMIDE	2(G)	mg/L	[222]	[209]	[197]			[2.0]
CHLORIDE	250(S)	mg/L	[23100]	[22700]	[22600]	[3110]	[3200]	[3380]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1430]	[1360]	[1390]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[47100]	[44700]	[35700]	[6270]	[6210]	[5970]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0117-06 / SB915-MW-90I / 3/3/2014 / Regular sample	SCA-0130-03 / SB915-MW-90I / 06/04/2014 / Regular sample	SCA-0141-01 / SB915-MW-90I / 09/08/2014 / Regular sample	SCA-0157-02 / SB915-MW-90I / 12/15/2014 / Regular sample	SCA-0180-05 / SB915-MW-90I / 06/02/2015 / Regular sample	SCA-0187-01 / SB915-MW-90I / 08/19/2015 / Regular sample
BROMIDE	2(G)	mg/L			[4.4]	[2.3J]	[2.0J]	[2.2J]
CHLORIDE	250(S)	mg/L	[3700J]	[3700]	[3300]	[3500]	[3500]	[3300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5600]	[6200]	[17000]	[6900]	[7600]	[6800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.013]	[0.015]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0197-08 / SB915-MW-90I / 11/19/2015 / Regular sample	SCA-0169-02 / SB915-MW-90I / 03/13/2015 / Regular sample	SCA-0228-06 / SB915-MW-90I / 11/10/2016 / Regular Sample	SCA-0213-07 / SB915-MW-90I / 06/09/2016 / Regular Sample	SCA-0204-01 / SB915-MW-90I / 03/07/2016 / Regular Sample	SCA-0247-07 / SB915-MW-90I / 08/11/2017 / Regular Sample
BROMIDE	2(G)	mg/L				[2.9]	[3.2J]	
CHLORIDE	250(S)	mg/L	[3200]	[3400]	[3200]	[3600]	[3800]	[3500]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[6.3]	[5.5]		[7.2]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5600]	[6900]	[7200]	[7300]	[6600]	[6900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0064J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0251-03 / SB915-MW-90I / 10/31/2017 / Regular Sample	SCA-0241-08 / SB915-MW-90I / 06/06/2017 / Regular Sample	SCA-0233-01 / SB915-MW-90I / 03/01/2017 / Regular Sample	SCA-0047-02 / SB915-MW-90I / 05/10/2012 / Regular sample	SCA-0056-06 / SB915-MW-90I / 07/17/2012 / Regular sample	SCA-0062-02 / SB915-MW-90I / 11/30/2012 / Regular sample
BROMIDE	2(G)	mg/L	[3.6]			[7.6J]	[5.0J]	[2.4]
CHLORIDE	250(S)	mg/L	[3500]	[3400]	[3600]	[3680]	[3400]	[3190]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.1]	[6.5J]	[7.1J-]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7200]	[8500]	[5500]	[6290]	[6710]	[6770]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0079J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0083-03 / SB915-MW-90S / 6/4/2013 / Regular sample	SCA-0100-01 / SB915-MW-90S / 9/18/2013 / Regular sample	SCA-0108-01 / SB915-MW-90S / 12/03/2013 / Regular sample	SCA-0117-04 / SB915-MW-90S / 3/3/2014 / Regular sample	SCA-0130-04 / SB915-MW-90S / 06/04/2014 / Regular sample	SCA-0141-02 / SB915-MW-90S / 09/08/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1770]	[2040]	[1840]	[2100J]	[2400]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3800]	[4400]	[4240]	[3300]	[4900]	[6200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0157-05 / SB915-MW-90S / 12/15/2014 / Regular sample	SCA-0180-06 / SB915-MW-90S / 06/02/2015 / Regular sample	SCA-0187-02 / SB915-MW-90S / 08/19/2015 / Regular sample	SCA-0197-07 / SB915-MW-90S / 11/19/2015 / Regular sample	SCA-0169-01 / SB915-MW-90S / 03/13/2015 / Regular sample	SCA-0228-09 / SB915-MW-90S / 11/10/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[2.5]					
CHLORIDE	250(S)	mg/L	[2000]	[1600]	[1800]	[1900]	[1400]	[1800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[3.7]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4000]	[4000]	[4000]	[3500]	[3700]	[4100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.013]			[0.021]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0213-03 / SB915-MW-90S / 06/09/2016 / Regular Sample	SCA-0204-02 / SB915-MW-90S / 03/07/2016 / Regular Sample	SCA-0247-09 / SB915-MW-90S / 08/11/2017 / Regular Sample	SCA-0251-04 / SB915-MW-90S / 10/31/2017 / Regular Sample	SCA-0241-03 / SB915-MW-90S / 06/06/2017 / Regular Sample	SCA-0233-05 / SB915-MW-90S / 03/01/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[2.6]					
CHLORIDE	250(S)	mg/L	[1900]	[1600]	[2300]	[2000]	[1900]	[1700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.6]		[4.2]	[3.4]	[3.6J]	[3.7J-]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3900]	[3100]	[4700]	[4300]	[4700]	[2900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0047-01 / SB915-MW-90S / 05/10/2012 / Regular sample	SCA-0056-01 / SB915-MW-90S / 07/17/2012 / Regular sample	SCA-0062-01 / SB915-MW-90S / 11/30/2012 / Regular sample	SCA-0085-04 / SB915-MW-91BR / 6/6/2013 / Regular sample	SCA-0100-05 / SB915-MW-91BR / 9/18/2013 / Regular sample	SCA-0113-01 / SB915-MW-91BR / 12/10/2013 / Regular sample
BROMIDE	2(G)	mg/L	[5.2J]	[3.4]		[132]	[104]	[85]
CHLORIDE	250(S)	mg/L	[2010]	[2130]	[1890]	[77800]	[76500]	[75500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L				[2690]	[2740]	[2680]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4240]	[3970]	[4680]	[158000]	[159000]	[128000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.41]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0123-04 / SB915-MW-91BR / 3/13/2014 / Regular sample	SCA-0134-01 / SB915-MW-91BR / 06/10/2014 / Regular sample	SCA-0147-05 / SB915-MW-91BR / 09/16/2014 / Regular sample	SCA-0160-04 / SB915-MW-91BR / 12/17/2014 / Regular sample	SB915-0262-03 / SB915-MW-91BR / 05/21/2015 / Regular sample	SB915-0280-01 / SB915-MW-91BR / 08/12/2015 / Regular sample
BROMIDE	2(G)	mg/L	[52]	[110]	[230]	[510]	[170]	[150]
CHLORIDE	250(S)	mg/L	[76000]	[80000]	[69000]	[78000]	[83000]	[86000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[2400]	[2700]	[2400]	[2200]	[2800]	[2900]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[130000]	[150000]	[130000]	[120000]	[140000]	[150000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0296-01 / SB915-MW-91BR / 11/23/2015 / Regular sample	SCA-0172-05 / SB915-MW-91BR / 03/18/2015 / Regular sample	SB915-0362-01 / SB915-MW-91BR / 10/28/2016 / Regular Sample	SB915-0330-01 / SB915-MW-91BR / 06/02/2016 / Regular Sample	SB915-0310-02 / SB915-MW-91BR / 02/29/2016 / Regular Sample	SB915-0406-07 / SB915-MW-91BR / 08/03/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[140]	[120]	[180]	[170]	[150]	[120]
CHLORIDE	250(S)	mg/L	[68000]	[78000]	[73000]	[70000]	[73000]	[77000]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[17]	[15J]		[20J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[2800]	[2800]	[2700]	[2600]	[2700]	[2400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[130000]	[140000]	[130000]	[130000]	[120000]	[130000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.019]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0418-03 / SB915-MW-91BR / 10/25/2017 / Regular Sample	SB915-0393-03 / SB915-MW-91BR / 05/19/2017 / Regular Sample	SB915-0375-04 / SB915-MW-91BR / 02/22/2017 / Regular Sample	SCA-0045-05 / SB915-MW-91BR / 05/08/2012 / Regular sample	SCA-0057-03 / SB915-MW-91BR / 07/18/2012 / Regular sample	SCA-0065-03 / SB915-MW-91BR / 12/05/2012 / Regular sample
BROMIDE	2(G)	mg/L	[170]	[120]	[140]	[305]	[192]	[156J]
CHLORIDE	250(S)	mg/L	[80000]	[76000]	[70000]	[75200]	[81200]	[80700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[20J]	[19J]	[19]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[2800]	[2700]	[2600]	[3000]	[2920]	[3000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[150000]	[140000]	[130000]	[111000J]	[120000]	[104000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0090J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0085-05	SCA-0092-01	SCA-0110-02	SCA-0121-02	SCA-0132-03	SCA-0143-01
		Location	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D	SB915-MW-91D
		Sample Date	6/6/2013	9/11/2013	12/05/2013	3/7/2014	06/06/2014	09/10/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[2250]	[2220]	[2140]	[2300]	[2300]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4390]	[4060]	[3840]	[3400]	[4600]	[4200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0160-01 / SB915-MW-91D / 12/17/2014 / Regular sample	SCA-0181-03 / SB915-MW-91D / 06/03/2015 / Regular sample	SCA-0189-01 / SB915-MW-91D / 08/21/2015 / Regular sample	SCA-0198-01 / SB915-MW-91D / 11/23/2015 / Regular sample	SCA-0173-01 / SB915-MW-91D / 03/19/2015 / Regular sample	SCA-0228-07 / SB915-MW-91D / 11/10/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[2000]	[2100]	[2100]	[2000]	[2100]	[2100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4400]	[5200]	[4900]	[4100]	[4500]	[4700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0096J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0209-06 / SB915-MW-91D / 06/03/2016 / Regular Sample	SCA-0204-04 / SB915-MW-91D / 03/07/2016 / Regular Sample	SCA-0244-07 / SB915-MW-91D / 08/08/2017 / Regular Sample	SCA-0252-07 / SB915-MW-91D / 11/01/2017 / Regular Sample	SCA-0237-07 / SB915-MW-91D / 05/31/2017 / Regular Sample	SCA-0234-08 / SB915-MW-91D / 03/02/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[2.4J]	[3.0]		[3.1]		
CHLORIDE	250(S)	mg/L	[2100]	[2200]	[2000]	[2200]	[2000]	[2200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4700]	[4100]	[4200]	[4300]	[5100]	[4100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0050-04 / SB915-MW-91D / 05/15/2012 / Regular sample	SCA-0057-06 / SB915-MW-91D / 07/18/2012 / Regular sample	SCA-0064-03 / SB915-MW-91D / 12/04/2012 / Regular sample	SCA-0085-09 / SB915-MW-91I / 6/6/2013 / Regular sample	SCA-0092-02 / SB915-MW-91I / 9/11/2013 / Regular sample	SCA-0111-01 / SB915-MW-91I / 12/06/2013 / Regular sample
BROMIDE	2(G)	mg/L	[8.7J]	[5.1J]				
CHLORIDE	250(S)	mg/L	[2220]	[2410]	[2250]	[2130]	[2090]	[2180]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5340]	[4870]	[4630]	[4650]	[4170]	[3750]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.07J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0121-04	SCA-0132-02	SCA-0143-04	SCA-0160-03	SCA-0181-04	SCA-0189-05
		Location	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I	SB915-MW-91I
		Sample Date	3/7/2014	06/06/2014	09/10/2014	12/17/2014	06/03/2015	08/21/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[2200]	[2300]	[2000]	[2000]	[2000]	[2000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3400]	[4500]	[4100]	[4300]	[4800]	[4600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0198-03 / SB915-MW-91I / 11/23/2015 / Regular sample	SCA-0173-03 / SB915-MW-91I / 03/19/2015 / Regular sample	SCA-0228-10 / SB915-MW-91I / 11/10/2016 / Regular Sample	SCA-0209-04 / SB915-MW-91I / 06/03/2016 / Regular Sample	SCA-0204-03 / SB915-MW-91I / 03/07/2016 / Regular Sample	SCA-0244-03 / SB915-MW-91I / 08/08/2017 / Regular Sample
BROMIDE	2(G)	mg/L					[2.7]	
CHLORIDE	250(S)	mg/L	[1700]	[2000]	[2000]	[2100]	[2000]	[1800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3700]	[4100]	[4600]	[4500]	[3900]	[4100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0252-04 / SB915-MW-91I / 11/01/2017 / Regular Sample	SCA-0237-04 / SB915-MW-91I / 05/31/2017 / Regular Sample	SCA-0235-03 / SB915-MW-91I / 03/03/2017 / Regular Sample	SCA-0050-03 / SB915-MW-91I / 05/15/2012 / Regular sample	SCA-0057-01 / SB915-MW-91I / 07/18/2012 / Regular sample	SCA-0064-04 / SB915-MW-91I / 12/04/2012 / Regular sample
BROMIDE	2(G)	mg/L				[8.6J]	[6.9J]	
CHLORIDE	250(S)	mg/L	[1900]	[2000]	[2100]	[2410]	[2300]	[2020]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4100]	[4900]	[3400]	[5070]	[3990]	[4250]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0050J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0085-08 / SB915-MW-91S / 6/6/2013 / Regular sample	SCA-0173-02 / SB915-MW-91S / 03/19/2015 / Regular sample	SCA-0050-01 / SB915-MW-91S / 05/15/2012 / Regular sample	SCA-0057-05 / SB915-MW-91S / 07/18/2012 / Regular sample	SCA-0065-04 / SB915-MW-91S / 12/05/2012 / Regular sample	SCA-0085-07 / SB915-MW-91SN / 6/6/2013 / Regular sample
BROMIDE	2(G)	mg/L	[8.4]	[15]	[66.1J]	[16.4J]	[9.9]	
CHLORIDE	250(S)	mg/L	[17000]	[14000]	[16800]	[17600]	[16400]	[2270]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L			[277]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[41200]	[25000]	[32600]	[29500]	[32100J]	[4670]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.017]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0172-06 / SB915-MW-91SN / 03/18/2015 / Regular sample	SCA-0050-02 / SB915-MW-91SN / 05/15/2012 / Regular sample	SCA-0057-02 / SB915-MW-91SN / 07/18/2012 / Regular sample	SCA-0065-01 / SB915-MW-91SN / 12/05/2012 / Regular sample	SCA-0086-05 / SB915-MW-92BR / 6/7/2013 / Regular sample	SCA-0100-04 / SB915-MW-92BR / 9/18/2013 / Regular sample
BROMIDE	2(G)	mg/L		[9.2J]	[4.7J]		[151]	[207]
CHLORIDE	250(S)	mg/L	[1600]	[2920]	[2840]	[2030]	[20800]	[27900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[1040]	[1410]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4100]	[5890]	[5180]	[4730J]	[44900]	[54900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.10J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0113-02 / SB915-MW-92BR / 12/10/2013 / Regular sample	SCA-0123-02 / SB915-MW-92BR / 3/13/2014 / Regular sample	SCA-0134-03 / SB915-MW-92BR / 06/10/2014 / Regular sample	SCA-0147-09 / SB915-MW-92BR / 09/16/2014 / Regular sample	SCA-0162-03 / SB915-MW-92BR / 12/18/2014 / Regular sample	SB915-0262-05 / SB915-MW-92BR / 05/21/2015 / Regular sample
BROMIDE	2(G)	mg/L	[168]	[200]	[180]	[200]	[230]	[220]
CHLORIDE	250(S)	mg/L	[24000]	[29000]	[27000]	[27000]	[31000]	[29000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1190]	[1300]	[1400]	[1300]	[1400]	[1300]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[41400]	[47000]	[53000]	[52000]	[65000]	[56000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0279-03 / SB915-MW-92BR / 08/11/2015 / Regular sample	SB915-0295-01 / SB915-MW-92BR / 11/10/2015 / Regular sample	SCA-0173-05 / SB915-MW-92BR / 03/19/2015 / Regular sample	SB915-0362-04 / SB915-MW-92BR / 10/28/2016 / Regular Sample	SB915-0330-07 / SB915-MW-92BR / 06/02/2016 / Regular Sample	SB915-0311-02 / SB915-MW-92BR / 03/01/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[210]	[220]	[240]	[220]	[230]	[250]
CHLORIDE	250(S)	mg/L	[27000]	[28000]	[29000]	[28000]	[29000]	[32000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[21]	[19J]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1300]	[1300]	[1400]	[1400]	[1400]	[1500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[57000]	[56000]	[54000]	[54000]	[54000]	[54000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.016]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0406-01 / SB915-MW-92BR / 08/03/2017 / Regular Sample	SB915-0418-01 / SB915-MW-92BR / 10/25/2017 / Regular Sample	SB915-0395-04 / SB915-MW-92BR / 05/23/2017 / Regular Sample	SB915-0375-01 / SB915-MW-92BR / 02/22/2017 / Regular Sample	SCA-0046-07 / SB915-MW-92BR / 05/09/2012 / Regular sample	SCA-0057-04 / SB915-MW-92BR / 07/18/2012 / Regular sample
BROMIDE	2(G)	mg/L	[170]	[210]	[230]	[230]	[251]	[218]
CHLORIDE	250(S)	mg/L	[25000]	[27000]	[27000]	[31000]	[27800]	[25600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[20J]	[23]	[22]	[23J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1200]	[1400]	[1400]	[1400]	[1480]	[1410]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[55000]	[50000]	[55000]	[49000]	[53800J]	[49300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0051J-]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0066-04 / SB915-MW-92BR / 12/06/2012 / Regular sample	SCA-0086-01 / SB915-MW-92D / 6/7/2013 / Regular sample	SCA-0096-01 / SB915-MW-92D / 9/16/2013 / Regular sample	SCA-0111-02 / SB915-MW-92D / 12/06/2013 / Regular sample	SCA-0122-01 / SB915-MW-92D / 3/11/2014 / Regular sample	SCA-0133-01 / SB915-MW-92D / 06/09/2014 / Regular sample
BROMIDE	2(G)	mg/L	[204]					
CHLORIDE	250(S)	mg/L	[27200]	[890]	[773]	[726]	[810]	[980]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1470]				[250]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[48900J]	[2440]	[1990]	[1680]	[1800]	[2100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.27]				[0.020J-]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0145-02 / SB915-MW-92D / 09/12/2014 / Regular sample	SCA-0162-04 / SB915-MW-92D / 12/18/2014 / Regular sample	SCA-0182-09 / SB915-MW-92D / 06/04/2015 / Regular sample	SCA-0191-01 / SB915-MW-92D / 08/24/2015 / Regular sample	SCA-0192-01 / SB915-MW-92D / 11/10/2015 / Regular sample	SCA-0170-04 / SB915-MW-92D / 03/16/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[710]	[570]	[720]	[690]	[580]	[500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[2100]	[1900]	[2300]	[2000]	[1600]	[1500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0051J]					[0.0074J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0219-05 / SB915-MW-92D / 09/01/2016 / Regular Sample	SCA-0219-05 / SB915-MW-92D / 09/01/2016 / Regular Sample	SCA-0229-04 / SB915-MW-92D / 11/11/2016 / Regular Sample	SCA-0210-02 / SB915-MW-92D / 06/06/2016 / Regular Sample	SCA-0204-06 / SB915-MW-92D / 03/07/2016 / Regular Sample	SCA-0245-08 / SB915-MW-92D / 08/09/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[170]					
CHLORIDE	250(S)	mg/L	[23000]	[550]	[570]	[810]	[670]	[790]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[56000]	[1800]	[1700]	[2200]	[1700]	[2000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.012]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0252-06 / SB915-MW-92D / 11/01/2017 / Regular Sample	SCA-0237-01 / SB915-MW-92D / 05/31/2017 / Regular Sample	SCA-0235-01 / SB915-MW-92D / 03/03/2017 / Regular Sample	SCA-0051-03 / SB915-MW-92D / 05/16/2012 / Regular sample	SCA-0056-09 / SB915-MW-92D / 07/17/2012 / Regular sample	SCA-0065-05 / SB915-MW-92D / 12/05/2012 / Regular sample
BROMIDE	2(G)	mg/L				[3.8J]	[2.0J]	
CHLORIDE	250(S)	mg/L	[650]	[890]	[1000]	[784]	[736]	[582]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1700]	[2700]	[2000]	[2060]	[1930]	[1690]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0086-02 SB915-MW-92I 6/7/2013 Regular sample	SCA-0096-04 SB915-MW-92I 9/16/2013 Regular sample	SCA-0111-04 SB915-MW-92I 12/06/2013 Regular sample	SCA-0124-01 SB915-MW-92I 3/14/2014 Regular sample	SCA-0133-04 SB915-MW-92I 06/09/2014 Regular sample	SCA-0145-03 SB915-MW-92I 09/12/2014 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[3550]	[1890]	[2230]	[2600]	[2900]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[7590]	[3950]	[3590]	[4300]	[5600]	[4900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0075J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0162-02 / SB915-MW-92I / 12/18/2014 / Regular sample	SCA-0182-08 / SB915-MW-92I / 06/04/2015 / Regular sample	SCA-0191-02 / SB915-MW-92I / 08/24/2015 / Regular sample	SCA-0192-07 / SB915-MW-92I / 11/10/2015 / Regular sample	SCA-0170-03 / SB915-MW-92I / 03/16/2015 / Regular sample	SCA-0219-10 / SB915-MW-92I / 09/01/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1900]	[3000]	[2500]	[2200]	[1800]	[2900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[6.1]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4900]	[8000]	[6900]	[4500]	[3700]	[8000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0082J]			[0.0085J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0219-10 / SB915-MW-92I / 09/01/2016 / Regular Sample	SCA-0228-08 / SB915-MW-92I / 11/10/2016 / Regular Sample	SCA-0210-01 / SB915-MW-92I / 06/06/2016 / Regular Sample	SCA-0204-05 / SB915-MW-92I / 03/07/2016 / Regular Sample	SCA-0245-05 / SB915-MW-92I / 08/09/2017 / Regular Sample	SCA-0255-04 / SB915-MW-92I / 11/07/2017 / Regular Sample
BROMIDE	2(G)	mg/L			[7.8]	[2.5J]		
CHLORIDE	250(S)	mg/L	[1900]	[2800]	[3100]	[4200]	[3200]	[2900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5100]	[6100]	[6700]	[6900]	[6700]	[5600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0093J]					[0.0062J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0237-06 / SB915-MW-92I / 05/31/2017 / Regular Sample	SCA-0234-07 / SB915-MW-92I / 03/02/2017 / Regular Sample	SCA-0051-02 / SB915-MW-92I / 05/16/2012 / Regular sample	SCA-0056-08 / SB915-MW-92I / 07/17/2012 / Regular sample	SCA-0066-01 / SB915-MW-92I / 12/06/2012 / Regular sample	SCA-0086-03 / SB915-MW-92S / 6/7/2013 / Regular sample
BROMIDE	2(G)	mg/L			[11.2J]	[4.6J]		[5.9]
CHLORIDE	250(S)	mg/L	[3500]	[5100]	[2950]	[2250]	[1880]	[10100]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[2.1J-]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8900]	[9100]	[5520]	[4350]	[4650J]	[24300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.020J-]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0170-01 / SB915-MW-92S / 03/16/2015 / Regular sample	SCA-0051-01 / SB915-MW-92S / 05/16/2012 / Regular sample	SCA-0056-07 / SB915-MW-92S / 07/17/2012 / Regular sample	SCA-0066-02 / SB915-MW-92S / 12/06/2012 / Regular sample	SCA-0084-03 / SB915-MW-93BR / 6/5/2013 / Regular sample	SB915-0262-04 / SB915-MW-93BR / 05/21/2015 / Regular sample
BROMIDE	2(G)	mg/L		[45.4J]	[12.0J]	[9.0J]	[565]	[600]
CHLORIDE	250(S)	mg/L	[10000]	[10600]	[15100]	[15400]	[68300]	[70000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L					[1080]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[21000]	[16800]	[32300]	[32200J]	[122000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.024]		[0.014J]		[0.18J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0279-02 / SB915-MW-93BR / 08/11/2015 / Regular sample	SB915-0295-02 / SB915-MW-93BR / 11/10/2015 / Regular sample	SCA-0171-07 / SB915-MW-93BR / 03/17/2015 / Regular sample	SB915-0349-06 / SB915-MW-93BR / 08/25/2016 / Regular Sample	SB915-0349-06 / SB915-MW-93BR / 08/25/2016 / Regular Sample	SB915-0365-02 / SB915-MW-93BR / 11/02/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[520]	[560]	[560]		[520]	[590]
CHLORIDE	250(S)	mg/L	[69000]	[58000]	[67000]	[1700]	[67000]	[67000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[4.0]	[42]	[34]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[940]	[1000]	[1000]		[1000]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[140000]	[130000]	[130000]	[4800]	[150000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0323-04 / SB915-MW-93BR / 05/23/2016 / Regular Sample	SB915-0309-01 / SB915-MW-93BR / 02/26/2016 / Regular Sample	SB915-0407-03 / SB915-MW-93BR / 08/04/2017 / Regular Sample	SB915-0419-04 / SB915-MW-93BR / 10/26/2017 / Regular Sample	SB915-0392-03 / SB915-MW-93BR / 05/18/2017 / Regular Sample	SB915-0374-03 / SB915-MW-93BR / 02/21/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[550]	[56]	[520]	[610]	[490]	[530]
CHLORIDE	250(S)	mg/L	[67000]	[6800]	[64000]	[75000]	[65000]	[66000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[45J]		[41J]	[47]	[38]	[48J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]		[1300]	[1200]	[1100]	[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[150000]	[120000]	[130000]	[130000]	[140000]	[110000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.030]	[0.058J-]			[0.010]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0049-04 / SB915-MW-93BR / 05/14/2012 / Regular sample	SCA-0054-05 / SB915-MW-93BR / 07/13/2012 / Regular sample	SCA-0063-01 / SB915-MW-93BR / 12/03/2012 / Regular sample	SCA-0084-04 / SB915-MW-93D / 6/5/2013 / Regular sample	SCA-0171-02 / SB915-MW-93D / 03/17/2015 / Regular sample	SCA-0049-03 / SB915-MW-93D / 05/14/2012 / Regular sample
BROMIDE	2(G)	mg/L	[812]	[541]	[510]			[9.9J]
CHLORIDE	250(S)	mg/L	[72500]	[74200]	[73000]	[2110]	[1900]	[2120]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[2010]	[1350]	[1260]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[170000J]	[150000]	[100000]	[4410]	[4200]	[6590J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0054-06 / SB915-MW-93D / 07/13/2012 / Regular sample	SCA-0063-02 / SB915-MW-93D / 12/03/2012 / Regular sample	SCA-0084-02 / SB915-MW-93I / 6/5/2013 / Regular sample	SCA-0171-05 / SB915-MW-93I / 03/17/2015 / Regular sample	SCA-0049-02 / SB915-MW-93I / 05/14/2012 / Regular sample	SCA-0054-04 / SB915-MW-93I / 07/13/2012 / Regular sample
BROMIDE	2(G)	mg/L	[3.0J]				[10.5J]	[3.1J]
CHLORIDE	250(S)	mg/L	[2380]	[2150]	[2040]	[2000]	[2250]	[2410]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4920]	[4970]	[4330]	[4200]	[4640J]	[5280]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0062J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0063-04 / SB915-MW-93I / 12/03/2012 / Regular sample	SCA-0084-01 / SB915-MW-93S / 6/5/2013 / Regular sample	SCA-0171-06 / SB915-MW-93S / 03/17/2015 / Regular sample	SCA-0049-01 / SB915-MW-93S / 05/14/2012 / Regular sample	SCA-0054-03 / SB915-MW-93S / 07/13/2012 / Regular sample	SCA-0063-03 / SB915-MW-93S / 12/03/2012 / Regular sample
BROMIDE	2(G)	mg/L				[5.9J]	[2.8J]	
CHLORIDE	250(S)	mg/L	[2210]	[1800]	[1700]	[2070]	[2150]	[1910]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[6160]	[3810]	[3800]	[3910J]	[4600]	[4370]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0080-01	SCA-0174-01	SCA-0048-01	SCA-0052-01	SCA-0059-03	SCA-0079-05
		Location	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-94S	SB915-MW-95S
		Sample Date	5/30/2013	03/20/2015	05/11/2012	07/11/2012	11/27/2012	5/29/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[262]	[1300]	[268]	[272]		[877]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[921]	[2500]	[1080]	[1060]	[804]	[1970]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0167-05	SCA-0048-02	SCA-0053-05	SCA-0059-02	SCA-0080-02	SCA-0167-04
		Location	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-95S	SB915-MW-96S	SB915-MW-96S
		Sample Date	03/11/2015	05/11/2012	07/12/2012	11/27/2012	5/30/2013	03/11/2015
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[280]	[594]	[676]	[498]		
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[700]	[1530]	[1820]	[1110]	[559]	[630]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SCA-0048-03	SCA-0057-09	SCA-0059-01	SCA-0082-01	SCA-0167-03	SCA-0048-04
		Location	SB915-MW-96S	SB915-MW-96S	SB915-MW-96S	SB915-MW-97S	SB915-MW-97S	SB915-MW-97S
		Sample Date	05/11/2012	07/18/2012	11/27/2012	6/3/2013	03/11/2015	05/11/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
BROMIDE	2(G)	mg/L		[2.2J]				
CHLORIDE	250(S)	mg/L		[398]		[329]		[532]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L		[960J]				
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[667]	[1230]	[751]	[990]	[830]	[1530]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0055-03 / SB915-MW-97S / 07/14/2012 / Regular sample	SCA-0059-04 / SB915-MW-97S / 11/27/2012 / Regular sample	SCA-0082-02 / SB915-MW-98S / 6/3/2013 / Regular sample	SCA-0167-01 / SB915-MW-98S / 03/11/2015 / Regular sample	SCA-0046-05 / SB915-MW-98S / 05/09/2012 / Regular sample	SCA-0055-02 / SB915-MW-98S / 07/14/2012 / Regular sample
BROMIDE	2(G)	mg/L					[3.1J]	
CHLORIDE	250(S)	mg/L	[644]	[488]	[783]	[560]	[809]	[926]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1770]	[1360]	[1820]	[1400]	[2580J]	[2140]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0059-05 / SB915-MW-98S / 11/27/2012 / Regular sample	SCA-0082-04 / SB915-MW-99S / 6/3/2013 / Regular sample	SCA-0172-04 / SB915-MW-99S / 03/18/2015 / Regular sample	SCA-0048-05 / SB915-MW-99S / 05/11/2012 / Regular sample	SCA-0055-08 / SB915-MW-99S / 07/14/2012 / Regular sample	SCA-0060-08 / SB915-MW-99S / 11/28/2012 / Regular sample
BROMIDE	2(G)	mg/L				[3.1J]	[2.6J]	
CHLORIDE	250(S)	mg/L	[1360]	[1420]	[1200]	[1310]	[1620]	[1050]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3050]	[3050]	[3000]	[3110]	[3850]	[2850]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0102-03 / SB915-PZ-07D / 5/9/2013 / Regular sample	SB915-0118-03 / SB915-PZ-07D / 08/07/2013 / Regular sample	SB915-0147-07 / SB915-PZ-07D / 11/11/2013 / Regular sample	SB915-0164-06 / SB915-PZ-07D / 2/19/2014 / Regular sample	SB915-0178-08 / SB915-PZ-07D / 05/20/2014 / Regular sample	SB915-0191-04 / SB915-PZ-07D / 08/18/2014 / Regular sample
BROMIDE	2(G)	mg/L	[7.2]	[10.3]	[4.9]		[13J]	[12J]
CHLORIDE	250(S)	mg/L	[22000]	[26800]	[26800]	[24000]	[28000]	[31000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[39100]	[51800]	[43300]	[37000]	[55000J-]	[59000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.249]	[0.21J]	[0.29]	[0.15J]	[0.22J+]	[0.28J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0207-04 / SB915-PZ-07D / 10/31/2014 / Regular sample	SB915-0248-03 / SB915-PZ-07D / 05/01/2015 / Regular sample	SB915-0272-01 / SB915-PZ-07D / 07/31/2015 / Regular sample	SB915-0288-01 / SB915-PZ-07D / 10/28/2015 / Regular sample	SB915-0243-03 / SB915-PZ-07D / 03/04/2015 / Regular sample	SB915-0343-02 / SB915-PZ-07D / 08/17/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[12J]	[15J]	[15J]	[9.4J]		[120]
CHLORIDE	250(S)	mg/L	[40000J+]	[28000]	[25000]	[22000]	[27000]	[74000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[17J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[2900]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[62000]	[57000]	[48000]	[46000]	[49000]	[140000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.37J]	[0.26]	[0.016]	[0.15]	[0.27]	[0.0082J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0343-02 / SB915-PZ-07D / 08/17/2016 / Regular Sample	SB915-0361-01 / SB915-PZ-07D / 10/25/2016 / Regular Sample	SB915-0325-03 / SB915-PZ-07D / 05/25/2016 / Regular Sample	SB915-0307-06 / SB915-PZ-07D / 02/24/2016 / Regular Sample	SB915-0407-01 / SB915-PZ-07D / 08/04/2017 / Regular Sample	SB915-0417-02 / SB915-PZ-07D / 10/23/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[15J]	[65]	[11J]	[9.7J]	
CHLORIDE	250(S)	mg/L	[30000]	[41000]	[32000]	[31000]	[28000]	[37000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[12]	[14]	[11]		[12]	[14]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[69000]	[87000]	[57000]	[58000]	[52000]	[60000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.29]	[0.35]	[0.25]	[0.25]	[0.23J-]	[0.23]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0391-06 / SB915-PZ-07D / 05/17/2017 / Regular Sample	SB915-0375-09 / SB915-PZ-07D / 02/22/2017 / Regular Sample	SB915-0058-01 / SB915-PZ-07D / 06/01/2012 / Regular sample	SB915-0069-05 / SB915-PZ-07D / 07/31/2012 / Regular sample	sb915-0074-02 / SB915-PZ-07D / 11/06/2012 / Regular sample	SB915-0102-02 / SB915-PZ-07I / 5/9/2013 / Regular sample
BROMIDE	2(G)	mg/L	[9.0J]	[10J]	[10]	[11J]		[9.4]
CHLORIDE	250(S)	mg/L	[26000]	[28000]	[22000]	[36000]	[37000]	[27000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13]	[13J]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[62000]	[97000]	[36000]	[76000]	[71000]	[47000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21]	[0.23]	[0.20J]	[0.36]	[0.44J]	[0.167]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0118-02 / SB915-PZ-07I / 08/07/2013 / Regular sample	SB915-0147-05 / SB915-PZ-07I / 11/11/2013 / Regular sample	SB915-0164-04 / SB915-PZ-07I / 2/19/2014 / Regular sample	SB915-0178-05 / SB915-PZ-07I / 05/20/2014 / Regular sample	SB915-0191-05 / SB915-PZ-07I / 08/18/2014 / Regular sample	SB915-0207-01 / SB915-PZ-07I / 10/31/2014 / Regular sample
BROMIDE	2(G)	mg/L	[11.6]	[10.7]		[21J]	[11J]	[12J]
CHLORIDE	250(S)	mg/L	[27600]	[33200]	[30000]	[28000]	[30000]	[34000J+]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[61300]	[60400]	[63000]	[60000J-]	[66000]	[53000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.11J]			[0.019J]	[0.016J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0248-01 / SB915-PZ-07I / 05/01/2015 / Regular sample	SB915-0272-03 / SB915-PZ-07I / 07/31/2015 / Regular sample	SB915-0288-02 / SB915-PZ-07I / 10/28/2015 / Regular sample	SB915-0243-01 / SB915-PZ-07I / 03/04/2015 / Regular sample	SB915-0343-01 / SB915-PZ-07I / 08/17/2016 / Regular Sample	SB915-0343-01 / SB915-PZ-07I / 08/17/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]	[18J]	[13J]			
CHLORIDE	250(S)	mg/L	[28000]	[29000]	[33000]	[31000]	[1700]	[27000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[9.3]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[58000]	[65000]	[63000]	[49000]	[4600]	[64000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.022J]	[0.014]	[0.014]	[0.030J]		[0.021]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0361-03 / SB915-PZ-07I / 10/25/2016 / Regular Sample	SB915-0325-02 / SB915-PZ-07I / 05/25/2016 / Regular Sample	SB915-0307-04 / SB915-PZ-07I / 02/24/2016 / Regular Sample	SB915-0407-05 / SB915-PZ-07I / 08/04/2017 / Regular Sample	SB915-0417-01 / SB915-PZ-07I / 10/23/2017 / Regular Sample	SB915-0391-04 / SB915-PZ-07I / 05/17/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[12J]	[58]	[12J]	[9.5J]		[9.5J]
CHLORIDE	250(S)	mg/L	[29000]	[27000]	[27000]	[24000]	[28000]	[24000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[9.9]	[10]		[8.1]	[10]	[9.3]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[65000]	[48000]	[55000]	[43000]	[46000]	[54000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.033]	[0.016]	[0.017]	[0.012J-]	[0.019]	[0.048]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0375-10 / SB915-PZ-07I / 02/22/2017 / Regular Sample	SB915-0058-02 / SB915-PZ-07I / 06/01/2012 / Regular sample	SB915-0069-02 / SB915-PZ-07I / 07/31/2012 / Regular sample	sb915-0074-03 / SB915-PZ-07I / 11/06/2012 / Regular sample	SB915-0102-01 / SB915-PZ-07S / 5/9/2013 / Regular sample	SB915-0118-01 / SB915-PZ-07S / 08/07/2013 / Regular sample
BROMIDE	2(G)	mg/L	[9.4J]	[14]	[11]			
CHLORIDE	250(S)	mg/L	[24000]	[33000]	[33000]	[28000]	[1300]	[1190]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[9.6]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[38000]	[54000]	[64000]	[60000]	[3110]	[4380]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.012]	[0.022J]	[0.021]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0147-01 / SB915-PZ-07S / 11/11/2013 / Regular sample	SB915-0164-01 / SB915-PZ-07S / 2/19/2014 / Regular sample	SB915-0178-09 / SB915-PZ-07S / 05/20/2014 / Regular sample	SB915-0191-01 / SB915-PZ-07S / 08/18/2014 / Regular sample	SB915-0248-02 / SB915-PZ-07S / 05/01/2015 / Regular sample	SB915-0272-02 / SB915-PZ-07S / 07/31/2015 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1520]	[1200]	[1100]	[1100]	[1200]	[1100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4040]	[3300]	[3700]	[3200]	[4200]	[4600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0060J]		[0.029J]	[0.015J]	[0.032]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0288-04 / SB915-PZ-07S / 10/28/2015 / Regular sample	SB915-0243-02 / SB915-PZ-07S / 03/04/2015 / Regular sample	SB915-0361-05 / SB915-PZ-07S / 10/25/2016 / Regular Sample	SB915-0325-01 / SB915-PZ-07S / 05/25/2016 / Regular Sample	SB915-0307-01 / SB915-PZ-07S / 02/24/2016 / Regular Sample	SB915-0407-08 / SB915-PZ-07S / 08/04/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1300]	[1200]	[1200]	[950]	[1100]	[810]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[9.5]	[9.1]		[5.6]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4400]	[3700]	[5400]	[3700]	[3800]	[3000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.015]	[0.031]	[0.016]	[0.046]	[0.014]	[0.013J-]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0417-03 / SB915-PZ-07S / 10/23/2017 / Regular Sample	SB915-0392-01 / SB915-PZ-07S / 05/18/2017 / Regular Sample	SB915-0375-08 / SB915-PZ-07S / 02/22/2017 / Regular Sample	SB915-0058-03 / SB915-PZ-07S / 06/01/2012 / Regular sample	SB915-0069-01 / SB915-PZ-07S / 07/31/2012 / Regular sample	SB915-0111-09 / SB915-WB-01L / 5/22/2013 / Regular sample
BROMIDE	2(G)	mg/L					[3.0J]	
CHLORIDE	250(S)	mg/L	[970]	[870]	[920]	[1300]	[1400]	
NITROGEN, AMMONIA (AS N)	NC	mg/L	[11]	[8.3]	[8.3]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[510]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4600]	[3800]	[2900]	[4600]	[4300]	[1190]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.018]		[0.014]	[0.024J]	[0.018]	

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0133-01 / SB915-WB-01L / 08/28/2013 / Regular sample	SB915-0144-02 / SB915-WB-01L / 11/06/2013 / Regular sample	SB915-0160-01 / SB915-WB-01L / 2/13/2014 / Regular sample	SB915-0172-02 / SB915-WB-01L / 05/12/2014 / Regular sample	SB915-0196-01 / SB915-WB-01L / 08/25/2014 / Regular sample	SB915-0223-01 / SB915-WB-01L / 12/02/2014 / Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[551]	[536]	[520]	[540]	[550]	[520]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1250]	[1180]	[970]	[1200]	[1200]	[1200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.05J]	[0.11J]				

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0261-02 / SB915-WB-01L / 05/20/2015 / Regular sample	SB915-0276-01 / SB915-WB-01L / 08/06/2015 / Regular sample	SB915-0287-05 / SB915-WB-01L / 10/27/2015 / Regular sample	SB915-0242-02 / SB915-WB-01L / 03/03/2015 / Regular sample	SB915-0336-02 / SB915-WB-01L / 08/08/2016 / Regular Sample	SB915-0336-02 / SB915-WB-01L / 08/08/2016 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L					[1800]	
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[490]	[500]	[490]	[420]		[510]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1200]	[1200]	[1200]	[1200]	[4500]	[1200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.017J]		[0.036]		[0.32]

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0355-02 / SB915-WB-01L / 10/17/2016 / Regular Sample	SB915-0320-02 / SB915-WB-01L / 05/17/2016 / Regular Sample	SB915-0305-01 / SB915-WB-01L / 02/22/2016 / Regular Sample	SB915-0401-09 / SB915-WB-01L / 07/27/2017 / Regular Sample	SB915-0416-01 / SB915-WB-01L / 10/20/2017 / Regular Sample	SB915-0395-02 / SB915-WB-01L / 05/23/2017 / Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L						
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[510]	[510]	[540]	[520]	[510]	[500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1300]	[1200]	[1100]	[1100]	[1100]	[1200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0052J-]	[0.0077J]	

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0373-06 / SB915-WB-01L / 02/20/2017 / Regular Sample	SB915-0053-02 / SB915-WB-01L / 05/24/2012 / Regular sample	SB915-0068-04 / SB915-WB-01L / 07/30/2012 / Regular sample	SB915-0078-01 / SB915-WB-01L / 11/12/2012 / Regular sample	SCA-0079-04 / SB915-WB-02L / 5/29/2013 / Regular sample	SCA-0088-01 / SB915-WB-02L / 8/30/2013 / Regular sample
BROMIDE	2(G)	mg/L					[27.3]	[22.9]
CHLORIDE	250(S)	mg/L					[45000]	[46900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[460]	[550]	[570]	[470]	[717]	[643]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[1100]	[1100]	[1200]	[1000]	[81400]	[94600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.09J]	[0.11J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0104-04 SB915-WB-02L 11/20/2013 Regular sample	SCA-0114-03 SB915-WB-02L 2/26/2014 Regular sample	SCA-0125-03 SB915-WB-02L 05/28/2014 Regular sample	SCA-0138-02 SB915-WB-02L 09/03/2014 Regular sample	SCA-0152-04 SB915-WB-02L 12/09/2014 Regular sample	SCA-0176-06 SB915-WB-02L 05/26/2015 Regular sample
BROMIDE	2(G)	mg/L	[16]		[17J]	[44J]	[77]	[29J]
CHLORIDE	250(S)	mg/L	[45400]	[90000J]	[46000]	[47000J]	[42000]	[42000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[641]	[1100]	[720J+]	[600]	[660]	[610]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[78200]	[68000]	[90000]	[39000]	[79000]	[87000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19J]					

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0184-04 / SB915-WB-02L / 08/14/2015 / Regular sample	SCA-0194-03 / SB915-WB-02L / 11/16/2015 / Regular sample	SCA-0165-04 / SB915-WB-02L / 03/09/2015 / Regular sample	SCA-0217-06 / SB915-WB-02L / 08/30/2016 / Regular Sample	SCA-0217-06 / SB915-WB-02L / 08/30/2016 / Regular Sample	SCA-0224-02 / SB915-WB-02L / 11/07/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]	[37J]		[200]		
CHLORIDE	250(S)	mg/L	[43000]	[41000]	[48000]	[28000]	[42000]	[43000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[20]	[15J]	[15]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[600]	[590]	[520]	[1500]	[710]	[500]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[89000]	[87000]	[81000]	[64000]	[88000]	[74000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.0086J]				

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0211-01 / SB915-WB-02L / 06/07/2016 / Regular Sample	SCA-0201-06 / SB915-WB-02L / 03/02/2016 / Regular Sample	SCA-0244-06 / SB915-WB-02L / 08/08/2017 / Regular Sample	SCA-0255-01 / SB915-WB-02L / 11/07/2017 / Regular Sample	SCA-0238-04 / SB915-WB-02L / 06/01/2017 / Regular Sample	SCA-0231-01 / SB915-WB-02L / 02/27/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[34J]	[35J]		[14]	[20J]	[34J]
CHLORIDE	250(S)	mg/L	[44000]	[44000]	[42000]	[44000]	[42000]	[44000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[15J]		[18J]	[15J+]	[15J]	[14]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[610]	[630]	[750]	[420]		[620]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[86000]	[95000]	[84000]	[72000]	[92000]	[67000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0074J-]			

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0044-02 / SB915-WB-02L / 05/07/2012 / Regular sample	SCA-0052-07 / SB915-WB-02L / 07/11/2012 / Regular sample	sca-0058-01 / SB915-WB-02L / 11/26/2012 / Regular sample	SB915-0113-03 / SB915-WB-03L / 5/24/2013 / Regular sample	SB915-0134-01 / SB915-WB-03L / 09/06/2013 / Regular sample	SB915-0144-01 / SB915-WB-03L / 11/06/2013 / Regular sample
BROMIDE	2(G)	mg/L	[81.0J]	[40.7J]	[30.1]	[14.6]	[7.3]	[9.8]
CHLORIDE	250(S)	mg/L	[45500]	[47200]	[46000]	[26900]	[24300]	[23600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[836]	[844]	[647]	[797J]	[611]	[643]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[109000]	[95900]	[93000]	[53700]	[50800]	[41000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.015J]				[0.08J]	[0.06J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0160-04 / SB915-WB-03L / 2/13/2014 / Regular sample	SB915-0172-01 / SB915-WB-03L / 05/12/2014 / Regular sample	SB915-0196-02 / SB915-WB-03L / 08/25/2014 / Regular sample	SB915-0223-02 / SB915-WB-03L / 12/02/2014 / Regular sample	SB915-0261-01 / SB915-WB-03L / 05/20/2015 / Regular sample	SB915-0278-01 / SB915-WB-03L / 08/10/2015 / Regular sample
BROMIDE	2(G)	mg/L				[36]	[17J]	
CHLORIDE	250(S)	mg/L	[25000]	[26000]	[24000]	[24000]	[25000]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[600]	[680]	[590J]	[610]	[630]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[49000]	[52000]	[43000]	[46000]	[67000]	[51000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0287-01 / SB915-WB-03L / 10/27/2015 / Regular sample	SB915-0242-01 / SB915-WB-03L / 03/03/2015 / Regular sample	SB915-0336-01 / SB915-WB-03L / 08/08/2016 / Regular Sample	SB915-0354-03 / SB915-WB-03L / 10/14/2016 / Regular Sample	SB915-0320-01 / SB915-WB-03L / 05/17/2016 / Regular Sample	SB915-0305-02 / SB915-WB-03L / 02/22/2016 / Regular Sample
BROMIDE	2(G)	mg/L			[17J]		[9.0J]	[58J+]
CHLORIDE	250(S)	mg/L	[23000]	[21000]	[19000]	[22000]	[21000]	[24000]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[2.3]	[3.4]	[2.9]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[430]	[490]	[510]	[620]	[600]	[640]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[46000]	[33000]	[45000]	[46000]	[42000]	[42000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.012]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0408-04 / SB915-WB-03L / 08/07/2017 / Regular Sample	SB915-0411-01 / SB915-WB-03L / 10/13/2017 / Regular Sample	SB915-0396-01 / SB915-WB-03L / 05/24/2017 / Regular Sample	SB915-0373-05 / SB915-WB-03L / 02/20/2017 / Regular Sample	SB915-0057-03 / SB915-WB-03L / 05/31/2012 / Regular sample	SB915-0068-01 / SB915-WB-03L / 07/30/2012 / Regular sample
BROMIDE	2(G)	mg/L	[9.3J]	[6.3J]	[10J]	[43]	[9.8J]	[34J]
CHLORIDE	250(S)	mg/L	[23000]	[22000]	[25000]	[24000]	[25000]	[23000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.6]	[4.4J]	[4.8]	[4.6J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[620]	[590]	[670]	[530]	[530]	[580]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[57000]	[47000]	[53000]	[40000]	[43000]	[38000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0076-01 / SB915-WB-03L / 11/08/2012 / Regular sample	SCA-0083-02 / SB915-WB-04L / 6/4/2013 / Regular sample	SCA-0091-02 / SB915-WB-04L / 9/5/2013 / Regular sample	SCA-0108-03 / SB915-WB-04L / 12/03/2013 / Regular sample	SCA-0117-07 / SB915-WB-04L / 3/3/2014 / Regular sample	SCA-0130-02 / SB915-WB-04L / 06/04/2014 / Regular sample
BROMIDE	2(G)	mg/L		[2.8]	[2.2]	[3.8]		[2.8J]
CHLORIDE	250(S)	mg/L	[18000]	[7560]	[7690]	[7670]	[7800J]	[8100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[460]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[27000]	[14300]	[14400]	[16600]	[12000]	[14000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.0080J]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0141-05 / SB915-WB-04L / 09/08/2014 / Regular sample	SCA-0157-01 / SB915-WB-04L / 12/15/2014 / Regular sample	SCA-0180-04 / SB915-WB-04L / 06/02/2015 / Regular sample	SCA-0187-03 / SB915-WB-04L / 08/19/2015 / Regular sample	SCA-0199-01 / SB915-WB-04L / 11/24/2015 / Regular sample	SCA-0169-03 / SB915-WB-04L / 03/13/2015 / Regular sample
BROMIDE	2(G)	mg/L	[3.5J]	[3.4J]		[5.2J]	[4.6J]	
CHLORIDE	250(S)	mg/L	[7200]	[6900]	[7700]	[7900]	[7400]	[48000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[21000]	[14000]	[16000]	[16000]	[17000]	[14000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0082J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0219-08 / SB915-WB-04L / 09/01/2016 / Regular Sample	SCA-0228-03 / SB915-WB-04L / 11/10/2016 / Regular Sample	SCA-0214-04 / SB915-WB-04L / 06/10/2016 / Regular Sample	SCA-0207-03 / SB915-WB-04L / 03/10/2016 / Regular Sample	SCA-0247-01 / SB915-WB-04L / 08/11/2017 / Regular Sample	SCA-0256-03 / SB915-WB-04L / 11/08/2017 / Regular Sample
BROMIDE	2(G)	mg/L			[5.6]	[4.4J]		[3.0J]
CHLORIDE	250(S)	mg/L	[6500]	[7400]	[7900]	[8100]	[7100]	[7500]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[21]	[21]	[22]		[21]	[21J+]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[15000]	[15000]	[17000]	[18000]	[13000]	[12000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.0056J]

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SCA-0242-01 / SB915-WB-04L / 06/07/2017 / Regular Sample	SCA-0233-09 / SB915-WB-04L / 03/01/2017 / Regular Sample	SCA-0047-03 / SB915-WB-04L / 05/10/2012 / Regular sample	SCA-0056-05 / SB915-WB-04L / 07/17/2012 / Regular sample	SCA-0062-03 / SB915-WB-04L / 11/30/2012 / Regular sample	SB915-0106-02 / SB915-WB-05L / 5/15/2013 / Regular sample
BROMIDE	2(G)	mg/L		[3.0J]	[15.3J]	[7.6J]	[5.2]	[26.9]
CHLORIDE	250(S)	mg/L	[7100]	[8200]	[7780]	[7660]	[7520]	[63700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[19J]	[21J-]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[355]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[14000]	[12000]	[14000]	[15200]	[14900]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.16J]

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Table 12
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Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0137-01 / SB915-WB-05L / 09/11/2013 / Regular sample	SB915-0139-03 / SB915-WB-05L / 10/29/2013 / Regular sample	SB915-0163-02 / SB915-WB-05L / 2/18/2014 / Regular sample	SB915-0176-03 / SB915-WB-05L / 05/16/2014 / Regular sample	SB915-0190-03 / SB915-WB-05L / 08/15/2014 / Regular sample	SB915-0222-01 / SB915-WB-05L / 12/01/2014 / Regular sample
BROMIDE	2(G)	mg/L	[20]	[31.3]		[24J]	[39J]	[74]
CHLORIDE	250(S)	mg/L	[64600]	[64500]	[69000]	[67000]	[72000]	[72000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[438]	[373]	[380]	[540J+]	[440]	[470]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[121000]	[106000]	[120000]	[120000]	[140000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.29]	[0.11J]				

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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0254-03 / SB915-WB-05L / 05/11/2015 / Regular sample	SB915-0266-07 / SB915-WB-05L / 07/23/2015 / Regular sample	SB915-0282-02 / SB915-WB-05L / 10/20/2015 / Regular sample	SB915-0231-03 / SB915-WB-05L / 02/16/2015 / Regular sample	SB915-0335-01 / SB915-WB-05L / 08/04/2016 / Regular Sample	SB915-0357-02 / SB915-WB-05L / 10/19/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[38J]	[32J]	[56J+]		[26J]	[7.8J+]
CHLORIDE	250(S)	mg/L	[71000]	[67000J]	[68000]	[63000]	[69000]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[15]	[5.1J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[440]	[350]	[480]	[380]	[480]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[130000]	[130000]	[120000]	[110000]	[150000]	[46000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.066]			

NOTES:
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0314-08 / SB915-WB-05L / 05/06/2016 / Regular Sample	SB915-0299-03 / SB915-WB-05L / 02/12/2016 / Regular Sample	SB915-0405-04 / SB915-WB-05L / 08/02/2017 / Regular Sample	SB915-0417-04 / SB915-WB-05L / 10/23/2017 / Regular Sample	SB915-0388-02 / SB915-WB-05L / 05/12/2017 / Regular Sample	SB915-0369-11 / SB915-WB-05L / 02/15/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[49J]	[25J+]	[25J]	[22J]	[26J]	[38J]
CHLORIDE	250(S)	mg/L	[69000]	[68000]	[64000]	[69000]	[65000]	[68000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[17]		[15J]	[16]	[16]	[15]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[450]	[450]	[260]	[520]	[380]	[330]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[140000]	[120000]	[150000]	[140000]	[130000]	[100000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.13J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0064-01 / SB915-WB-05L / 07/25/2012 / Regular sample	SB915-0079-04 / SB915-WB-05L / 11/13/2012 / Regular sample	SB915-0106-03 / SB915-WB-05M / 5/15/2013 / Regular sample	SB915-0126-01 / SB915-WB-05M / 08/19/2013 / Regular sample	SB915-0139-02 / SB915-WB-05M / 10/29/2013 / Regular sample	SB915-0154-03 / SB915-WB-05M / 2/5/2014 / Regular sample
BROMIDE	2(G)	mg/L	[21]		[5.4]	[4.9]	[9.2]	
CHLORIDE	250(S)	mg/L	[70000]	[58000]	[12400]	[12300]	[12900]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[320]	[270]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[120000]	[83000]	[26200]	[21900]	[23600]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.047J]	[0.15J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0176-02 / SB915-WB-05M / 05/16/2014 / Regular sample	SB915-0190-02 / SB915-WB-05M / 08/15/2014 / Regular sample	SB915-0217-04 / SB915-WB-05M / 11/14/2014 / Regular sample	SB915-0255-05 / SB915-WB-05M / 05/12/2015 / Regular sample	SB915-0266-08 / SB915-WB-05M / 07/23/2015 / Regular sample	SB915-0282-01 / SB915-WB-05M / 10/20/2015 / Regular sample
BROMIDE	2(G)	mg/L		[6.7J]	[5.1J+]	[8.2J]		[7.7J+]
CHLORIDE	250(S)	mg/L	[12000]	[14000]	[13000J]	[16000]	[12000J]	[13000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[22000]	[29000]	[23000]	[29000]	[26000]	[24000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0231-04 / SB915-WB-05M / 02/16/2015 / Regular sample	SB915-0335-02 / SB915-WB-05M / 08/04/2016 / Regular Sample	SB915-0357-05 / SB915-WB-05M / 10/19/2016 / Regular Sample	SB915-0314-07 / SB915-WB-05M / 05/06/2016 / Regular Sample	SB915-0299-02 / SB915-WB-05M / 02/12/2016 / Regular Sample	SB915-0405-01 / SB915-WB-05M / 08/02/2017 / Regular Sample
BROMIDE	2(G)	mg/L		[4.4J]	[3.9J+]	[6.6J]		[13J]
CHLORIDE	250(S)	mg/L	[12000]	[13000]	[13000]	[13000]	[1400]	[37000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[18]	[21J]	[20]		[16J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[21000]	[28000]	[23000]	[26000]	[23000]	[75000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0414-06 / SB915-WB-05M / 10/18/2017 / Regular Sample	SB915-0388-01 / SB915-WB-05M / 05/12/2017 / Regular Sample	SB915-0369-07 / SB915-WB-05M / 02/15/2017 / Regular Sample	SB915-0053-01 / SB915-WB-05M / 05/24/2012 / Regular sample	SB915-0063-05 / SB915-WB-05M / 07/25/2012 / Regular sample	SB915-0080-03 / SB915-WB-05M / 11/14/2012 / Regular sample
BROMIDE	2(G)	mg/L	[3.4J]	[13]	[15J]	[6.0]		
CHLORIDE	250(S)	mg/L	[13000]	[13000]	[29000]	[15000]	[14000]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[19J]	[18]	[18J]			
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[23000]	[25000]	[48000]	[26000]	[26000]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.011]		[0.12J]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0106-04 / SB915-WB-05R / 5/15/2013 / Regular sample	SB915-0127-01 / SB915-WB-05R / 08/20/2013 / Regular sample	SB915-0148-03 / SB915-WB-05R / 11/12/2013 / Regular sample	SB915-0163-03 / SB915-WB-05R / 2/18/2014 / Regular sample	SB915-0182-02 / SB915-WB-05R / 05/27/2014 / Regular sample	SB915-0198-03 / SB915-WB-05R / 08/27/2014 / Regular sample
BROMIDE	2(G)	mg/L	[358]	[334]	[320]	[190]	[250]	[320]
CHLORIDE	250(S)	mg/L	[119000]	[120000]	[118000]	[130000]	[120000]	[120000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1550]	[2180]	[1960J]	[1600]	[1800]	[1900]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[541000]	[236000]	[189000]	[200000]	[200000]	[200000J-]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.57]	[1.4]	[0.65]			

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0217-03 / SB915-WB-05R / 11/14/2014 / Regular sample	SB915-0254-02 / SB915-WB-05R / 05/11/2015 / Regular sample	SB915-0275-01 / SB915-WB-05R / 08/05/2015 / Regular sample	SB915-0292-04 / SB915-WB-05R / 11/04/2015 / Regular sample	SB915-0240-03 / SB915-WB-05R / 02/27/2015 / Regular sample	SB915-0347-05 / SB915-WB-05R / 08/23/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[350J+]	[310]	[420]	[390]	[420]	[440]
CHLORIDE	250(S)	mg/L	[120000J]	[120000]	[120000]	[120000]	[120000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[61J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1900]	[2000]	[1900]	[2000]	[2000]	[1900]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[190000]	[210000J]	[210000J]	[230000J]	[200000]	[220000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.40]	[0.14J]	[0.22J+]		[0.012]

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0363-10 / SB915-WB-05R / 10/31/2016 / Regular Sample	SB915-0328-03 / SB915-WB-05R / 05/31/2016 / Regular Sample	SB915-0306-07 / SB915-WB-05R / 02/23/2016 / Regular Sample	SB915-0405-07 / SB915-WB-05R / 08/02/2017 / Regular Sample	SB915-0420-01 / SB915-WB-05R / 10/27/2017 / Regular Sample	SB915-0390-04 / SB915-WB-05R / 05/16/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[440]	[410]	[400]	[340]	[430]	[460]
CHLORIDE	250(S)	mg/L	[120000]	[120000]	[130000]	[120000]	[130000]	[120000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[60J]	[63J+]		[56J]	[59J]	[54J]
NITROGEN, NITRATE (AS N)	NC	mg/L				[12J]		
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1900]	[1700]	[1800]	[1900]	[2000]	[1800]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[210000J]	[220000J]	[210000J]	[200000]	[210000J]	[210000J]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.039]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0376-02 / SB915-WB-05R / 02/23/2017 / Regular Sample	SB915-0046-04 / SB915-WB-05R / 05/01/2012 / Regular sample	SB915-0062-04 / SB915-WB-05R / 07/24/2012 / Regular sample	SB915-0079-03 / SB915-WB-05R / 11/13/2012 / Regular sample	SB915-0106-01 / SB915-WB-05U / 5/15/2013 / Regular sample	SB915-0126-02 / SB915-WB-05U / 08/19/2013 / Regular sample
BROMIDE	2(G)	mg/L	[410]	[380]	[250]	[320]	[3.2]	[3]
CHLORIDE	250(S)	mg/L	[120000]	[130000]	[130000]	[110000]	[5900]	[3250]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[61]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1900]	[1200]	[1300]	[1300]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[200000J]	[230000]	[200000]	[130000]	[11400]	[14400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.037]	[0.028J]	[0.16J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0139-01 / SB915-WB-05U / 10/29/2013 / Regular sample	SB915-0154-04 / SB915-WB-05U / 2/5/2014 / Regular sample	SB915-0176-01 / SB915-WB-05U / 05/16/2014 / Regular sample	SB915-0190-01 / SB915-WB-05U / 08/15/2014 / Regular sample	SB915-0254-01 / SB915-WB-05U / 05/11/2015 / Regular sample	SB915-0046-01 / SB915-WB-05U / 05/01/2012 / Regular sample
BROMIDE	2(G)	mg/L	[4.4]			[4.7J]	[2.8J]	[5.8]
CHLORIDE	250(S)	mg/L	[8460]	[6900]	[6300]	[7800]	[4800]	[8100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[16100]	[13000]	[12000]	[16000]	[9400]	[20000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.07J]	[0.027]	[0.024]	[0.022]		[0.036]

NOTES:
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0062-01 / SB915-WB-05U / 07/24/2012 / Regular sample	SB915-0112-07 / SB915-WB-06 / 5/23/2013 / Regular sample	SB915-0135-01 / SB915-WB-06 / 09/09/2013 / Regular sample	SB915-0145-02 / SB915-WB-06 / 11/07/2013 / Regular sample	SB915-0159-04 / SB915-WB-06 / 2/12/2014 / Regular sample	SB915-0180-05 / SB915-WB-06 / 05/22/2014 / Regular sample
BROMIDE	2(G)	mg/L	[4.8J]	[15]	[22]	[13.0]		
CHLORIDE	250(S)	mg/L	[10000]	[58900]	[59600]	[58000]	[55000]	[51000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[137000]	[196000]	[90300]	[84000]	[100000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.049J]		[0.28]	[0.19J]		

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0198-02 / SB915-WB-06 / 08/27/2014 / Regular sample	SB915-0220-03 / SB915-WB-06 / 11/19/2014 / Regular sample	SB915-0258-03 / SB915-WB-06 / 05/15/2015 / Regular sample	SB915-0276-02 / SB915-WB-06 / 08/06/2015 / Regular sample	SB915-0285-02 / SB915-WB-06 / 10/23/2015 / Regular sample	SB915-0237-01 / SB915-WB-06 / 02/24/2015 / Regular sample
BROMIDE	2(G)	mg/L	[3500]		[43J]	[23J]	[93]	[40J]
CHLORIDE	250(S)	mg/L	[61000]	[53000J]	[60000]	[55000]	[59000]	[57000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[920]	[600]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[100000J-]	[95000]	[100000]	[110000]	[120000]	[97000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0096J]		

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Table 12
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Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0346-03 / SB915-WB-06 / 08/22/2016 / Regular Sample	SB915-0356-01 / SB915-WB-06 / 10/18/2016 / Regular Sample	SB915-0323-02 / SB915-WB-06 / 05/23/2016 / Regular Sample	SB915-0303-03 / SB915-WB-06 / 02/18/2016 / Regular Sample	SB915-0401-12 / SB915-WB-06 / 07/27/2017 / Regular Sample	SB915-0410-09 / SB915-WB-06 / 10/12/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[20J]	[17J+]	[18J]	[19J]	[18J]	[18J]
CHLORIDE	250(S)	mg/L	[59000]	[52000]	[59000]	[61000]	[58000]	[58000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13]	[14J]	[14J]		[14J]	[16J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[130000]	[120000]	[130000]	[100000]	[110000]	[120000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.015J-]	[0.071]	[0.018]		

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0389-04 / SB915-WB-06 / 05/15/2017 / Regular Sample	SB915-0368-09 / SB915-WB-06 / 02/14/2017 / Regular Sample	SB915-0052-01 / SB915-WB-06 / 05/23/2012 / Regular sample	SB915-0063-04 / SB915-WB-06 / 07/25/2012 / Regular sample	SB915-0082-01 / SB915-WB-06 / 11/16/2012 / Regular sample	SB915-0111-01 / SB915-WB-07L / 5/22/2013 / Regular sample
BROMIDE	2(G)	mg/L	[20J]	[19J]	[23]			[15.5]
CHLORIDE	250(S)	mg/L	[57000]	[59000J]	[56000]	[62000]	[56000]	[36300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[16J]	[15J]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[581]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[110000]	[96000]	[120000]	[110000]	[94000]	[72700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.092J]	

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Table 12
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Groundwater Exceedance Summary
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Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0122-02 / SB915-WB-07L / 08/13/2013 / Regular sample	SB915-0140-03 / SB915-WB-07L / 10/30/2013 / Regular sample	SB915-0156-02 / SB915-WB-07L / 2/7/2014 / Regular sample	SB915-0174-02 / SB915-WB-07L / 05/14/2014 / Regular sample	SB915-0188-01 / SB915-WB-07L / 08/13/2014 / Regular sample	SB915-0213-01 / SB915-WB-07L / 11/10/2014 / Regular sample
BROMIDE	2(G)	mg/L	[14.3]				[25]	[28J+]
CHLORIDE	250(S)	mg/L	[37900]	[37200]	[39000]	[38000]	[39000]	[35000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[606]	[601]	[500]		[580]	[550]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[71500]	[65000]	[62000]	[69000]	[80000]	[72000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0251-06 / SB915-WB-07L / 05/06/2015 / Regular sample	SB915-0266-01 / SB915-WB-07L / 07/23/2015 / Regular sample	SB915-0282-03 / SB915-WB-07L / 10/20/2015 / Regular sample	SB915-0228-06 / SB915-WB-07L / 02/11/2015 / Regular sample	SB915-0340-02 / SB915-WB-07L / 08/12/2016 / Regular Sample	SB915-0357-09 / SB915-WB-07L / 10/19/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[21J]		[30J+]		[11J]	[9.7J+]
CHLORIDE	250(S)	mg/L	[38000]	[40000J]	[39000]	[41000]	[39000]	[38000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[6.0]	[6.8J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[560]	[540]	[610]	[510]	[600]	[620]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[74000]	[76000]	[70000]	[67000]	[77000]	[73000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0321-01 / SB915-WB-07L / 05/19/2016 / Regular Sample	SB915-0302-06 / SB915-WB-07L / 02/17/2016 / Regular Sample	SB915-0402-08 / SB915-WB-07L / 07/28/2017 / Regular Sample	SB915-0413-04 / SB915-WB-07L / 10/17/2017 / Regular Sample	SB915-0381-02 / SB915-WB-07L / 05/03/2017 / Regular Sample	SB915-0370-03 / SB915-WB-07L / 02/15/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[41]	[12J]	[16J]	[12J]	[43]	[25J]
CHLORIDE	250(S)	mg/L	[38000]	[42000]	[41000]	[37000]	[38000]	[42000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.7]		[6.4J]	[7.3J]	[6.6]	[6.8]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[640]	[660]	[740]	[640]	[600]	[580]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[72000]	[74000]	[76000]	[76000]	[70000]	[63000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.0066J-]		[0.0078J]	

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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0043-03 / SB915-WB-07L / 04/26/2012 / Regular sample	SB915-0062-09 / SB915-WB-07L / 07/24/2012 / Regular sample	SB915-0080-05 / SB915-WB-07L / 11/14/2012 / Regular sample	SB915-0109-03 / SB915-WB-07R / 5/20/2013 / Regular sample	SB915-0122-04 / SB915-WB-07R / 08/13/2013 / Regular sample	SB915-0140-04 / SB915-WB-07R / 10/30/2013 / Regular sample
BROMIDE	2(G)	mg/L	[12]			[85]	[71.2]	[69]
CHLORIDE	250(S)	mg/L	[30000]	[39000]	[36000]	[92000]	[91700]	[97100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[280]	[480]	[540]	[4420]	[4270]	[4140]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[57000]	[75000]	[62000]	[195000]	[326000]	[160000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.013]	[0.0094J]		[0.22J]	[0.53]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0156-04 / SB915-WB-07R / 2/7/2014 / Regular sample	SB915-0174-05 / SB915-WB-07R / 05/14/2014 / Regular sample	SB915-0188-06 / SB915-WB-07R / 08/13/2014 / Regular sample	SB915-0213-03 / SB915-WB-07R / 11/10/2014 / Regular sample	SB915-0251-03 / SB915-WB-07R / 05/06/2015 / Regular sample	SB915-0275-03 / SB915-WB-07R / 08/05/2015 / Regular sample
BROMIDE	2(G)	mg/L		[120]	[160]	[120J+]	[96]	[120]
CHLORIDE	250(S)	mg/L	[98000]	[88000]	[88000]	[94000J]	[100000]	[97000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4000]	[4200J+]	[4200]	[4000]	[4400]	[4200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[150000]	[160000]	[150000]	[160000]	[160000]	[170000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L					[0.098]	[0.012J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0291-03 / SB915-WB-07R / 11/03/2015 / Regular sample	SB915-0240-01 / SB915-WB-07R / 02/27/2015 / Regular sample	SB915-0347-04 / SB915-WB-07R / 08/23/2016 / Regular Sample	SB915-0363-04 / SB915-WB-07R / 10/31/2016 / Regular Sample	SB915-0328-02 / SB915-WB-07R / 05/31/2016 / Regular Sample	SB915-0306-05 / SB915-WB-07R / 02/23/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[110]	[150]	[64]	[120J]	[130]	[120]
CHLORIDE	250(S)	mg/L	[100000]	[98000]	[93000]	[93000]	[93000]	[90000]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[9.8J]	[11J]	[8.8J+]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4600]	[4400]	[4300]	[4400]	[4300]	[4400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[160000]	[150000]	[160000]	[160000]	[160000]	[160000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21J+]			[0.021]	[0.022J-]	[0.0090J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0404-02 / SB915-WB-07R / 08/01/2017 / Regular Sample	SB915-0419-10 / SB915-WB-07R / 10/26/2017 / Regular Sample	SB915-0392-04 / SB915-WB-07R / 05/18/2017 / Regular Sample	SB915-0373-04 / SB915-WB-07R / 02/20/2017 / Regular Sample	SB915-0043-04 / SB915-WB-07R / 04/26/2012 / Regular sample	SB915-0060-03 / SB915-WB-07R / 07/20/2012 / Regular sample
BROMIDE	2(G)	mg/L		[79]	[43J]	[96]	[75]	[59]
CHLORIDE	250(S)	mg/L	[90000]	[110000]	[90000]	[91000]	[97000]	[94000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[10J]	[11J]	[12J]	[10J]		
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4600]	[5500]	[4200]	[4100]	[4200]	[3800]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[170000]	[170000]	[170000]	[160000]	[180000]	[160000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.027]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0081-04 / SB915-WB-07R / 11/15/2012 / Regular sample	SB915-0111-04 / SB915-WB-07U / 5/22/2013 / Regular sample	SB915-0122-03 / SB915-WB-07U / 08/13/2013 / Regular sample	SB915-0140-02 / SB915-WB-07U / 10/30/2013 / Regular sample	SB915-0156-03 / SB915-WB-07U / 2/7/2014 / Regular sample	SB915-0174-06 / SB915-WB-07U / 05/14/2014 / Regular sample
BROMIDE	2(G)	mg/L		[3.7]	[4.7]	[3.5]		
CHLORIDE	250(S)	mg/L	[94000]	[9200]	[9040]	[9640]	[8500]	[8700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[4300]	[668]	[760]	[736]	[650]	[680J+]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[150000]	[19500]	[21800]	[17900]	[16000]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.034J]					

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0188-04 / SB915-WB-07U / 08/13/2014 / Regular sample	SB915-0213-02 / SB915-WB-07U / 11/10/2014 / Regular sample	SB915-0251-04 / SB915-WB-07U / 05/06/2015 / Regular sample	SB915-0266-02 / SB915-WB-07U / 07/23/2015 / Regular sample	SB915-0282-04 / SB915-WB-07U / 10/20/2015 / Regular sample	SB915-0228-08 / SB915-WB-07U / 02/11/2015 / Regular sample
BROMIDE	2(G)	mg/L		[6.0J+]	[6.0J]		[8.7J+]	
CHLORIDE	250(S)	mg/L	[9100]	[8300J]	[8400]	[8000J]	[8300]	[890]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[750]	[620]	[700]	[680]	[680]	
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[19000]	[18000]	[17000]	[18000]	[17000]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0340-01 / SB915-WB-07U / 08/12/2016 / Regular Sample	SB915-0357-10 / SB915-WB-07U / 10/19/2016 / Regular Sample	SB915-0321-02 / SB915-WB-07U / 05/19/2016 / Regular Sample	SB915-0302-05 / SB915-WB-07U / 02/17/2016 / Regular Sample	SB915-0402-05 / SB915-WB-07U / 07/28/2017 / Regular Sample	SB915-0413-06 / SB915-WB-07U / 10/17/2017 / Regular Sample
BROMIDE	2(G)	mg/L			[11]		[2.5J]	
CHLORIDE	250(S)	mg/L	[7800]	[7500]	[7300]	[8600]	[7400]	[7300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.5]	[2.4J]	[2.3]		[2.6J]	[2.5J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[650]	[640]	[630]	[710]	[680]	[720]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[17000]	[16000]	[16000]	[15000]	[15000]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.015J+]	[0.13J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0381-01 / SB915-WB-07U / 05/03/2017 / Regular Sample	SB915-0370-02 / SB915-WB-07U / 02/15/2017 / Regular Sample	SB915-0043-02 / SB915-WB-07U / 04/26/2012 / Regular sample	SB915-0060-04 / SB915-WB-07U / 07/20/2012 / Regular sample	SB915-0080-06 / SB915-WB-07U / 11/14/2012 / Regular sample	SB915-0110-01 / SB915-WB-09L / 5/21/2013 / Regular sample
BROMIDE	2(G)	mg/L	[9.8J]	[5.2]	[6.0]	[13]		[21]
CHLORIDE	250(S)	mg/L	[7700]	[8100]	[11000]	[9800]	[9400]	[44700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[2.5]	[2.6]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[640]	[640]	[720]	[680]	[670]	[926J]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[15000]	[15000]	[22000]	[23000]	[18000]	[83300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0055J]					[0.05J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0130-02 / SB915-WB-09L / 08/23/2013 / Regular sample	SB915-0146-01 / SB915-WB-09L / 11/08/2013 / Regular sample	SB915-0162-01 / SB915-WB-09L / 2/17/2014 / Regular sample	SB915-0173-06 / SB915-WB-09L / 05/13/2014 / Regular sample	SB915-0193-05 / SB915-WB-09L / 08/20/2014 / Regular sample	SB915-0218-03 / SB915-WB-09L / 11/17/2014 / Regular sample
BROMIDE	2(G)	mg/L	[16.9]	[11.9]			[45]	
CHLORIDE	250(S)	mg/L	[36900]	[42800]	[42000]	[43000]	[46000]	[37000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1120]	[811]	[900]	[880J+]	[980]	[1100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[64300]	[75300]	[70000]	[81000]	[73000]	[67000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.06J]	[0.21J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0259-02 / SB915-WB-09L / 05/18/2015 / Regular sample	SB915-0268-01 / SB915-WB-09L / 07/27/2015 / Regular sample	SB915-0285-05 / SB915-WB-09L / 10/23/2015 / Regular sample	SB915-0233-04 / SB915-WB-09L / 02/18/2015 / Regular sample	SB915-0342-03 / SB915-WB-09L / 08/16/2016 / Regular Sample	SB915-0361-06 / SB915-WB-09L / 10/25/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[21J]	[23J]	[34J]	[35]	[13J]	[11J]
CHLORIDE	250(S)	mg/L	[34000]	[38000]	[40000]	[41000]	[38000]	[32000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[4.4]	[3.7]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[1000]	[970]	[930]	[900]	[1200]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[62000]	[94000]	[81000]	[71000]	[85000]	[73000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0092J]				[0.050]	[0.018]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0322-05 / SB915-WB-09L / 05/20/2016 / Regular Sample	SB915-0304-02 / SB915-WB-09L / 02/19/2016 / Regular Sample	SB915-0402-07 / SB915-WB-09L / 07/28/2017 / Regular Sample	SB915-0414-02 / SB915-WB-09L / 10/18/2017 / Regular Sample	SB915-0384-03 / SB915-WB-09L / 05/08/2017 / Regular Sample	SB915-0372-01 / SB915-WB-09L / 02/17/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[35]	[11J]	[16J]		[13J]	[15J]
CHLORIDE	250(S)	mg/L	[39000]	[39000]	[40000]	[40000]	[36000]	[40000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.9]		[2.1J]	[5.2J]	[4.5]	[5.1J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[1100]	[1200]	[1000]	[1100]	[940]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[78000]	[67000]	[74000]	[76000]	[71000]	[63000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L				[0.0059J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0041-01 / SB915-WB-09L / 04/24/2012 / Regular sample	SB915-0059-03 / SB915-WB-09L / 07/19/2012 / Regular sample	SB915-0077-03 / SB915-WB-09L / 11/09/2012 / Regular sample	SB915-0110-03 / SB915-WB-09U / 5/21/2013 / Regular sample	SB915-0135-02 / SB915-WB-09U / 09/09/2013 / Regular sample	SB915-0146-02 / SB915-WB-09U / 11/08/2013 / Regular sample
BROMIDE	2(G)	mg/L				[2.5]	[3.0]	[2.4]
CHLORIDE	250(S)	mg/L	[35000]	[45000]	[37000]	[4600]	[5600]	[6080]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[1100]	[780]	[950]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[57000]	[96000]	[56000]	[8420]	[10500]	[10800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0093J]				[0.09J]	[0.15J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0162-02 / SB915-WB-09U / 2/17/2014 / Regular sample	SB915-0173-05 / SB915-WB-09U / 05/13/2014 / Regular sample	SB915-0268-03 / SB915-WB-09U / 07/27/2015 / Regular sample	SB915-0324-02 / SB915-WB-09U / 05/24/2016 / Regular Sample	SB915-0306-08 / SB915-WB-09U / 02/23/2016 / Regular Sample	SB915-0404-01 / SB915-WB-09U / 08/01/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[4.0]	[4.5J]	[2.3J]	[2.5]		
CHLORIDE	250(S)	mg/L	[2700]	[7500]	[3600]	[1600]	[520]	[2800]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[2.1]		[2.2J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[4500]	[8000]	[9000]	[3200]	[1600]	[6400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.030J]	[0.028]	[0.049]	[0.015]		[0.014J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0384-01 / SB915-WB-09U / 05/08/2017 / Regular Sample	SB915-0372-09 / SB915-WB-09U / 02/17/2017 / Regular Sample	SB915-0040-01 / SB915-WB-09U / 04/23/2012 / Regular sample	SB915-0059-04 / SB915-WB-09U / 07/19/2012 / Regular sample	SB915-0077-01 / SB915-WB-09U / 11/09/2012 / Regular sample	SB915-0110-02 / SB915-WB-10L / 5/21/2013 / Regular sample
BROMIDE	2(G)	mg/L				[4.9J]		[18]
CHLORIDE	250(S)	mg/L	[2800]	[560]	[8800]	[9000]	[8100]	[43700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.1]	[2.4]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						[894J]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[5800]	[1500]	[12000]	[19000]	[15000]	[81700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.016]	[0.016]	[0.028]	[0.057]	[0.29J]	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL;

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
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Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-0131-01 / SB915-WB-10L / 08/26/2013 / Regular sample	SB915-0146-04 / SB915-WB-10L / 11/08/2013 / Regular sample	SB915-0163-01 / SB915-WB-10L / 2/18/2014 / Regular sample	SB915-0173-07 / SB915-WB-10L / 05/13/2014 / Regular sample	SB915-0193-04 / SB915-WB-10L / 08/20/2014 / Regular sample	SB915-0218-02 / SB915-WB-10L / 11/17/2014 / Regular sample
BROMIDE	2(G)	mg/L	[20.4]	[12.2]			[41]	
CHLORIDE	250(S)	mg/L	[42200]	[44200]	[45000]	[38000]	[45000]	[36000J]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[960]	[834]	[900]	[880J+]	[900]	[1000]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[70600]	[74300]	[73000]	[70000]	[83000]	[73000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.07J]	[0.15J]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0259-03 / SB915-WB-10L / 05/18/2015 / Regular sample	SB915-0276-03 / SB915-WB-10L / 08/06/2015 / Regular sample	SB915-0284-02 / SB915-WB-10L / 10/22/2015 / Regular sample	SB915-0233-01 / SB915-WB-10L / 02/18/2015 / Regular sample	SB915-0342-06 / SB915-WB-10L / 08/16/2016 / Regular Sample	SB915-0359-01 / SB915-WB-10L / 10/21/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[24J]	[29J]	[29]	[37J]	[48J]	
CHLORIDE	250(S)	mg/L	[41000]	[43000]	[42000]	[43000]	[43000]	[43000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[6.1]	[6.5]
NITROGEN, NITRATE (AS N)	NC	mg/L					[11]	
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[860]	[830]	[920]	[880]	[940]	[690]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[76000]	[84000]	[80000]	[72000]	[89000]	[81000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0322-04 / SB915-WB-10L / 05/20/2016 / Regular Sample	SB915-0304-01 / SB915-WB-10L / 02/19/2016 / Regular Sample	SB915-0403-01 / SB915-WB-10L / 07/31/2017 / Regular Sample	SB915-0412-09 / SB915-WB-10L / 10/16/2017 / Regular Sample	SB915-0382-02 / SB915-WB-10L / 05/04/2017 / Regular Sample	SB915-0372-04 / SB915-WB-10L / 02/17/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[47]	[12J]		[11J]	[15J]	[16J]
CHLORIDE	250(S)	mg/L	[43000]	[44000]	[38000]	[41000]	[41000]	[39000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.0]		[5.9J]	[5.9J]	[6.0]	[5.8]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[950]	[920]	[960]	[940]	[910]	[850]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[85000]	[74000]	[81000]	[76000]	[73000]	[63000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.096]				

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0040-02 / SB915-WB-10L / 04/23/2012 / Regular sample	SB915-0059-02 / SB915-WB-10L / 07/19/2012 / Regular sample	SB915-0078-05 / SB915-WB-10L / 11/12/2012 / Regular sample	SB915-0111-06 / SB915-WB-10U / 5/22/2013 / Regular sample	SB915-0150-04 / SB915-WB-10U / 11/14/2013 / Regular sample	SB915-0167-04 / SB915-WB-10U / 2/24/2014 / Regular sample
BROMIDE	2(G)	mg/L				[9.7]	[4.8]	[5.6]
CHLORIDE	250(S)	mg/L	[44000]	[41000]	[39000]	[25100]	[25400]	[8600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[880]	[710]	[850]			
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[67000]	[96000]	[66000]	[48100]	[42900]	[12000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0086J]			[1.43]	[0.50]	[0.021]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0173-08 / SB915-WB-10U / 05/13/2014 / Regular sample	SB915-0198-05 / SB915-WB-10U / 08/27/2014 / Regular sample	SB915-0263-06 / SB915-WB-10U / 05/22/2015 / Regular sample	SB915-0277-05 / SB915-WB-10U / 08/07/2015 / Regular sample	SB915-0288-07 / SB915-WB-10U / 10/28/2015 / Regular sample	SB915-0233-02 / SB915-WB-10U / 02/18/2015 / Regular sample
BROMIDE	2(G)	mg/L	[3.4J]	[4.1J]	[5.6J]	[12J]	[11J]	[18J]
CHLORIDE	250(S)	mg/L	[7400]	[8900]	[7800]	[27000]	[27000]	[27000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[9100]	[20000J-]	[16000]	[60000]	[44000]	[47000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0079J]	[0.034]	[0.024]	[0.17]	[0.062]	[0.081]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0342-10 / SB915-WB-10U / 08/16/2016 / Regular Sample	SB915-0359-04 / SB915-WB-10U / 10/21/2016 / Regular Sample	SB915-0323-01 / SB915-WB-10U / 05/23/2016 / Regular Sample	SB915-0305-04 / SB915-WB-10U / 02/22/2016 / Regular Sample	SB915-0403-02 / SB915-WB-10U / 07/31/2017 / Regular Sample	SB915-0413-02 / SB915-WB-10U / 10/17/2017 / Regular Sample
BROMIDE	2(G)	mg/L			[5.7]	[2.5J+]	[5.1J]	[8.2J]
CHLORIDE	250(S)	mg/L	[11000]	[2800]	[5200]	[6500]	[13000]	[22000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.6]	[2.4]			[13J]	[23J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L		[350]				
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[23000]	[5800]	[14000]	[11000]	[28000]	[35000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.036]	[0.047]	[0.15]	[0.025]	[0.10J-]	[0.11]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0382-01 / SB915-WB-10U / 05/04/2017 / Regular Sample	SB915-0372-07 / SB915-WB-10U / 02/17/2017 / Regular Sample	SB915-0041-03 / SB915-WB-10U / 04/24/2012 / Regular sample	SB915-0060-11 / SB915-WB-10U / 07/20/2012 / Regular sample	SB915-0080-04 / SB915-WB-10U / 11/14/2012 / Regular sample	SB915-0292-05 / SB915-WB-15B/15S / 11/04/2015 / Regular sample
BROMIDE	2(G)	mg/L		[3.1J]		[26]		
CHLORIDE	250(S)	mg/L	[3900]	[5700]	[24000]	[17000]	[16000]	[1900]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[2.8]				
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[8300]	[12000]	[40000]	[44000]	[25000]	[5300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.011]	[0.020]	[0.62]	[1.3]	[0.14J]	[1.3J+]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0364-04 SB915-WB-15B/15S 11/01/2016 Regular Sample	SB915-0319-03 SB915-WB-15B/15S 05/13/2016 Regular Sample	SB915-0301-03 SB915-WB-15B/15S 02/16/2016 Regular Sample	SB915-0400-05 SB915-WB-15B/15S 07/26/2017 Regular Sample	SB915-0380-01 SB915-WB-15B/15S 05/02/2017 Regular Sample	SB915-0368-02 SB915-WB-15B/15S 02/14/2017 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250(S)	mg/L	[1300]	[1600]	[1600]	[1300]	[800]	[1300J]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13]	[14]		[9.4J]	[6.6]	[11]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[3100]	[3400]	[3500]	[4000]	[2400]	[2700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.93]	[1.6]	[1.2J]	[1.9J-]		[1.0]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0112-01 / WB18-MW-14BR / 5/23/2013 / Regular sample	SB915-0120-04 / WB18-MW-14BR / 08/09/2013 / Regular sample	SB915-0145-04 / WB18-MW-14BR / 11/07/2013 / Regular sample	SB915-0159-01 / WB18-MW-14BR / 2/12/2014 / Regular sample	SB915-0180-06 / WB18-MW-14BR / 05/22/2014 / Regular sample	SB915-0189-04 / WB18-MW-14BR / 08/14/2014 / Regular sample
BROMIDE	2(G)	mg/L	[82]	[101]	[61]		[400]	[170]
CHLORIDE	250(S)	mg/L	[115000]	[109000]	[107000]	[110000]	[100000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[2250]	[3430]	[2960]	[2800]	[2400]	[3400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[225000]	[192000]	[178000]	[160000]	[190000]	[200000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.25J]	[0.77]	[0.44]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
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Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0220-02 / WB18-MW-14BR / 11/19/2014 / Regular sample	SB915-0258-02 / WB18-MW-14BR / 05/15/2015 / Regular sample	SB915-0269-02 / WB18-MW-14BR / 07/28/2015 / Regular sample	SB915-0285-03 / WB18-MW-14BR / 10/23/2015 / Regular sample	SB915-0239-01 / WB18-MW-14BR / 02/26/2015 / Regular sample	SB915-0342-07 / WB18-MW-14BR / 08/16/2016 / Regular Sample
BROMIDE	2(G)	mg/L		[100J]	[100]	[130]	[160]	[85J]
CHLORIDE	250(S)	mg/L	[120000J]	[110000]	[100000]	[120000]	[110000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[16J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[3400]	[3100]	[2900]	[3400]	[3300]	[3400]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[180000]	[180000]	[190000]	[190000]	[190000]	[200000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.014]	[0.013]	[0.013]		[0.013]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0356-04 / WB18-MW-14BR / 10/18/2016 / Regular Sample	SB915-0318-01 / WB18-MW-14BR / 05/12/2016 / Regular Sample	SB915-0303-01 / WB18-MW-14BR / 02/18/2016 / Regular Sample	SB915-0403-07 / WB18-MW-14BR / 07/31/2017 / Regular Sample	SB915-0416-03 / WB18-MW-14BR / 10/20/2017 / Regular Sample	SB915-0384-02 / WB18-MW-14BR / 05/08/2017 / Regular Sample
BROMIDE	2(G)	mg/L	[57J+]	[150]	[68J]	[83J]	[270]	[78]
CHLORIDE	250(S)	mg/L	[110000]	[110000]	[120000J+]	[110000]	[110000]	[110000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[15J]	[17J]		[19J]	[19J]	[17J]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[3000]	[3200]	[3400]	[3400]	[3600]	[3100]
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[190000]	[190000]	[180000]	[190000]	[190000]	[190000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L			[0.18J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0368-03 / WB18-MW-14BR / 02/14/2017 / Regular Sample	SB915-0049-04 / WB18-MW-14BR / 05/04/2012 / Regular sample	SB915-0063-02 / WB18-MW-14BR / 07/25/2012 / Regular sample	SB915-0075-02 / WB18-MW-14BR / 11/07/2012 / Regular sample	SB915-0112-04 / WB18-MW-14D / 5/23/2013 / Regular sample	SB915-0120-03 / WB18-MW-14D / 08/09/2013 / Regular sample
BROMIDE	2(G)	mg/L	[75]	[120]	[61]			[10.5]
CHLORIDE	250(S)	mg/L	[110000J]	[120000]	[110000]	[140000]	[45400]	[25900]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[17J]					
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L	[3100]	[3100]	[2800]	[4100]		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[170000]	[180000]	[160000]	[180000]	[57700]	[52800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.019]	[0.012J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

RAMBOLL

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0145-03 / WB18-MW-14D / 11/07/2013 / Regular sample	SB915-0159-02 / WB18-MW-14D / 2/12/2014 / Regular sample	SB915-0180-04 / WB18-MW-14D / 05/22/2014 / Regular sample	SB915-0189-03 / WB18-MW-14D / 08/14/2014 / Regular sample	SB915-0220-01 / WB18-MW-14D / 11/19/2014 / Regular sample	SB915-0258-01 / WB18-MW-14D / 05/15/2015 / Regular sample
BROMIDE	2(G)	mg/L	[8.4]			[13]		[14J]
CHLORIDE	250(S)	mg/L	[28700]	[26000]	[24000]	[27000]	[30000J]	[27000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[23100]	[50000]	[53000]	[67000]	[48000]	[49000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.08J]					[0.0089J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0269-03 / WB18-MW-14D / 07/28/2015 / Regular sample	SB915-0285-04 / WB18-MW-14D / 10/23/2015 / Regular sample	SB915-0239-02 / WB18-MW-14D / 02/26/2015 / Regular sample	SB915-0342-01 / WB18-MW-14D / 08/16/2016 / Regular Sample	SB915-0356-06 / WB18-MW-14D / 10/18/2016 / Regular Sample	SB915-0318-02 / WB18-MW-14D / 05/12/2016 / Regular Sample
BROMIDE	2(G)	mg/L	[15J]	[19J]	[22]		[7.6J+]	[17J]
CHLORIDE	250(S)	mg/L	[26000]	[26000]	[28000]	[18000]	[26000]	[25000]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[2.6]	[2.2J]	[2.9]
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[58000]	[52000]	[44000]	[57000]	[53000]	[47000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

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Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-0303-02 / WB18-MW-14D / 02/18/2016 / Regular Sample	SB915-0403-03 / WB18-MW-14D / 07/31/2017 / Regular Sample	SB915-0416-02 / WB18-MW-14D / 10/20/2017 / Regular Sample	SB915-0384-04 / WB18-MW-14D / 05/08/2017 / Regular Sample	SB915-0368-07 / WB18-MW-14D / 02/14/2017 / Regular Sample	SB915-0049-03 / WB18-MW-14D / 05/04/2012 / Regular sample
BROMIDE	2(G)	mg/L	[8.6J]		[37]	[9.1J]	[8.3J]	[13]
CHLORIDE	250(S)	mg/L	[28000J+]	[21000]	[18000]	[24000]	[26000J]	[31000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[2.3J]	[2.4J]	[2.6]	[2.4]	
NITROGEN, NITRATE (AS N)	NC	mg/L						
NITROGEN, NITRATE-NITRITE	10(S)	mg/L						
SULFATE	250(S)	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[44000]	[44000]	[39000]	[49000]	[44000]	[49000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.0098J]		[0.0050J]			

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table 12
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards	Field Sample ID	SB915-0063-03	SB915-0075-01
		Location	WB18-MW-14D	WB18-MW-14D
		Sample Date	07/25/2012	11/07/2012
		Sample Purpose	Regular sample	Regular sample
		Units		
BROMIDE	2(G)	mg/L		
CHLORIDE	250(S)	mg/L	[29000]	[31000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		
NITROGEN, NITRATE (AS N)	NC	mg/L		
NITROGEN, NITRATE-NITRITE	10(S)	mg/L		
SULFATE	250(S)	mg/L		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500	mg/L	[51000]	[44000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL;
[ ] = Result exceeds Class GA standard (S) or guidance value (G).
Data presented in this table include the SCA Hydrogeological samples (SCA-####-##) that are

Table K-13
Honeywell
Wastebeds 9-15 Closure Investigation
Groundwater Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class GA Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-0118-05 SB915-MW-117S 08/07/2013 Regular sample
Total TEQ	0.7(S)	pg/L	[0.96326]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-01 SB915-MH-01 04/23/2015 Regular sample	SB915-3242-12 SB915-MH-01 07/27/2016 Regular Sample	SB915-3276-06 SB915-MH-01 04/25/2017 Regular Sample	SB915-3083-01 SB915-MH-01 05/09/2012 Regular sample	SB915-3123A-01 SB915-MH-01 7/16/2013 Regular sample	SB915-3176-01 SB915-MH-01 10/08/2014 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[8.3]	[7.9]	[8.2]	[6.2]	[11]	[7.2]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[9.4]	[9.9]	[10]	[7.4]	[13]	[8.7]
ACETONE	50(S)	mg/L		[50]				
BENZENE	1(S)	mg/L	[22]	[35]	[13]	[32]	[30]	[20]
CHLOROBENZENE	5(S)	mg/L	[17]	[16]	[17]	[17]	[24]	[15]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-02 SB915-MH-02 04/23/2015 Regular sample	SB915-3242-11 SB915-MH-02 07/27/2016 Regular Sample	SB915-3276-05 SB915-MH-02 04/25/2017 Regular Sample	SB915-3083-02 SB915-MH-02 05/09/2012 Regular sample	SB915-3123A-03 SB915-MH-02 7/16/2013 Regular sample	SB915-3176-02 SB915-MH-02 10/08/2014 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[7.8]	[7.1]	[7.9]	[6.6]	[11]	[6.3]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[8.6]	[9.2]	[10]	[7.9]	[13]	[7.6]
ACETONE	50(S)	mg/L						
BENZENE	1(S)	mg/L	[21]	[32]	[12]	[30]	[30]	[16]
CHLOROBENZENE	5(S)	mg/L	[16]	[16]	[16]	[17]	[24]	[12]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-03 SB915-MH-03 04/23/2015 Regular sample	SB915-3242-10 SB915-MH-03 07/27/2016 Regular Sample	SB915-3276-04 SB915-MH-03 04/25/2017 Regular Sample	SB915-3083-03 SB915-MH-03 05/09/2012 Regular sample	SB915-3123A-05 SB915-MH-03 7/16/2013 Regular sample	SB915-3176-03 SB915-MH-03 10/08/2014 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L			[3.5]	[4.8]	[5.2]	
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[3.0]		[4.4]	[5.5]	[6.2]	
ACETONE	50(S)	mg/L		[66]				[80]
BENZENE	1(S)	mg/L	[19]	[72]	[11]	[35]	[40]	[50]
CHLOROBENZENE	5(S)	mg/L	[5.8]	[5.4]	[7.2]	[12]	[13]	
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L		[6.9]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-04 SB915-MH-04 04/23/2015 Regular sample	SB915-3242-09 SB915-MH-04 07/27/2016 Regular Sample	SB915-3276-03 SB915-MH-04 04/25/2017 Regular Sample	SB915-3084-01 SB915-MH-04 05/10/2012 Regular sample	SB915-3123A-06 SB915-MH-04 7/16/2013 Regular sample	SB915-3173-02 SB915-MH-04 07/18/2014 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L				[4.4]	[5.1]	[4.1]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L			[3.5]	[4.8]	[5.7]	[4.7]
ACETONE	50(S)	mg/L	[130J]	[70]	[51J]			[70]
BENZENE	1(S)	mg/L	[16]	[35]	[11]	[32]	[41]	[57]
CHLOROBENZENE	5(S)	mg/L			[5.2]	[9.9]	[11]	[8.7]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						[6.3]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3176-04 SB915-MH-04 10/08/2014 Regular sample	SB915-3199-05 SB915-MH-05 04/23/2015 Regular sample	SB915-3242-06 SB915-MH-05 07/27/2016 Regular Sample	SB915-3276-02 SB915-MH-05 04/25/2017 Regular Sample	SB915-3084-02 SB915-MH-05 05/10/2012 Regular sample	SB915-3123A-07 SB915-MH-05 7/16/2013 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L					[4.3]	[5.2]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L				[3.3]	[4.6]	[5.5]
ACETONE	50(S)	mg/L	[83]	[100J]	[78J]	[64J]		
BENZENE	1(S)	mg/L	[22]	[17]	[25J]	[11]	[28]	[42]
CHLOROBENZENE	5(S)	mg/L				[5.0]	[8.5]	[12]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3176-05 SB915-MH-05 10/08/2014 Regular sample	SB915-3199-06 SB915-MH-06 04/23/2015 Regular sample	SB915-3242-05 SB915-MH-06 07/27/2016 Regular Sample	SB915-3276-01 SB915-MH-06 04/25/2017 Regular Sample	SB915-3084-03 SB915-MH-06 05/10/2012 Regular sample	SB915-3123A-08 SB915-MH-06 7/16/2013 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L					[3.9]	[4.7]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L					[4.2]	[5.3]
ACETONE	50(S)	mg/L	[76J]	[110J]	[71]	[67J]		
BENZENE	1(S)	mg/L	[18]	[18]	[15]	[9.7]	[25]	[34]
CHLOROBENZENE	5(S)	mg/L		[5.1]			[7.9]	[10]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3173-05 SB915-MH-06 07/18/2014 Regular sample	SB915-3177-01 SB915-MH-06 10/09/2014 Regular sample	SB915-3199-09 SB915-MH-07 04/23/2015 Regular sample	SB915-3242-04 SB915-MH-07 07/27/2016 Regular Sample	SB915-3275-03 SB915-MH-07 04/24/2017 Regular Sample	SB915-3085-03 SB915-MH-07 05/11/2012 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[4.3]					[3.4J]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[4.1]				[3.0]	[3.3]
ACETONE	50(S)	mg/L	[99]	[85]	[110J]	[70]	[71J]	[100J]
BENZENE	1(S)	mg/L	[42]	[2.9]	[16]	[15]	[9.8]	[18]
CHLOROBENZENE	5(S)	mg/L	[7.8]					[6.6]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L	[5.1]					

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3123A-09 SB915-MH-07 7/16/2013 Regular sample	SB915-3177-02 SB915-MH-07 10/09/2014 Regular sample	SB915-3199-10 SB915-MH-08 04/23/2015 Regular sample	SB915-3242-03 SB915-MH-08 07/27/2016 Regular Sample	SB915-3275-02 SB915-MH-08 04/24/2017 Regular Sample	SB915-3084-04 SB915-MH-08 05/10/2012 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[4.5]					[3.4]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[4.9]		[3.1]		[3.0]	[3.5]
ACETONE	50(S)	mg/L	[53]	[190]	[120J]	[93]	[81J]	[110]
BENZENE	1(S)	mg/L	[32]	[2.0]	[15]	[14]	[9.4]	[21]
CHLOROBENZENE	5(S)	mg/L	[9.6]					[7.1]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3123A-10 SB915-MH-08 7/16/2013 Regular sample	SB915-3173-06 SB915-MH-08 07/18/2014 Regular sample	SB915-3177-03 SB915-MH-08 10/09/2014 Regular sample	SB915-3199-11 SB915-MH-09 04/23/2015 Regular sample	SB915-3242-02 SB915-MH-09 07/27/2016 Regular Sample	SB915-3275-01 SB915-MH-09 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[4.5]	[4.0]				
1,2-DICHLOROETHANE	0.6(S)	mg/L		[0.97J]				
1,4-DICHLOROBENZENE	3(S)	mg/L	[4.8]	[4.1]		[3.0]		
ACETONE	50(S)	mg/L	[51]	[110]	[190]	[120J]	[96]	[76J]
BENZENE	1(S)	mg/L	[31]	[37]	[1.4J]	[15]	[9.9]	[9.2]
CHLOROBENZENE	5(S)	mg/L	[9.6]	[7.3]				
METHYLENE CHLORIDE	5(S)	mg/L			[5.4]			
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
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Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-05 SB915-MH-09 05/10/2012 Regular sample	SB915-3123A-11 SB915-MH-09 7/16/2013 Regular sample	SB915-3177-04 SB915-MH-09 10/09/2014 Regular sample	SB915-3200-01 SB915-MH-10 04/24/2015 Regular sample	SB915-3242-01 SB915-MH-10 07/27/2016 Regular Sample	SB915-3274-12 SB915-MH-10 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[3.1J]	[4.5]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[3.0]	[4.8]				
ACETONE	50(S)	mg/L	[140J]	[51]	[190]	[120J]	[78]	[72J]
BENZENE	1(S)	mg/L	[16]	[29]	[1.0J]	[14]	[14]	[11]
CHLOROBENZENE	5(S)	mg/L	[5.4]	[9.1]				
METHYLENE CHLORIDE	5(S)	mg/L			[5.9]			
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-07 SB915-MH-10 05/10/2012 Regular sample	SB915-3123A-12 SB915-MH-10 7/16/2013 Regular sample	SB915-3177-05 SB915-MH-10 10/09/2014 Regular sample	SB915-3200-02 SB915-MH-11 04/24/2015 Regular sample	SB915-3241-09 SB915-MH-11 07/26/2016 Regular Sample	SB915-3274-11 SB915-MH-11 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L		[4.1]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L		[4.4]				
ACETONE	50(S)	mg/L	[140]	[50]	[130]	[110J]	[78]	[74J]
BENZENE	1(S)	mg/L	[19]	[28]	[12]	[14]	[14]	[11]
CHLOROBENZENE	5(S)	mg/L	[6.0]	[8.4]				
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3083-04 SB915-MH-11 05/09/2012 Regular sample	SB915-3126-01 SB915-MH-11 7/18/2013 Regular sample	SB915-3177-08 SB915-MH-11 10/09/2014 Regular sample	SB915-3200-03 SB915-MH-12 04/24/2015 Regular sample	SB915-3241-08 SB915-MH-12 07/26/2016 Regular Sample	SB915-3274-10 SB915-MH-12 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L		[4.2]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L		[4.9]				
ACETONE	50(S)	mg/L	[150J]	[53]	[120]	[89]	[67]	[67]
BENZENE	1(S)	mg/L	[17]	[26]	[12]	[12]	[10]	[9.5]
CHLOROBENZENE	5(S)	mg/L	[5.1]	[8.3]				
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-08 SB915-MH-12 05/10/2012 Regular sample	SB915-3126-02 SB915-MH-12 7/18/2013 Regular sample	SB915-3178-01 SB915-MH-12 10/10/2014 Regular sample	SB915-3200-04 SB915-MH-13 04/24/2015 Regular sample	SB915-3241-07 SB915-MH-13 07/26/2016 Regular Sample	Sb915-3274-09 SB915-MH-13 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L		[3.6]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L		[4.1]				
ACETONE	50(S)	mg/L	[64]	[50]	[86]	[93]	[70]	[62]
BENZENE	1(S)	mg/L	[6.1]	[22]	[8.1]	[11]	[9.7]	[9.3]
CHLOROBENZENE	5(S)	mg/L		[7.2]				
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-09 SB915-MH-13 05/10/2012 Regular sample	SB915-3126-03 SB915-MH-13 7/18/2013 Regular sample	SB915-3178-02 SB915-MH-13 10/10/2014 Regular sample	SB915-3200-05 SB915-MH-14 04/24/2015 Regular sample	SB915-3241-06 SB915-MH-14 07/26/2016 Regular Sample	SB915-3274-06 SB915-MH-14 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L		[3.4]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L		[3.8]				
ACETONE	50(S)	mg/L	[82]	[60]	[86]	[82]	[66]	[54J]
BENZENE	1(S)	mg/L	[13]	[22]	[6.5]	[9.0]	[7.3]	[6.7]
CHLOROBENZENE	5(S)	mg/L		[7.1]				
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
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Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-10 SB915-MH-14 05/10/2012 Regular sample	SB915-3125-06 SB915-MH-14 7/17/2013 Regular sample	SB915-3178-03 SB915-MH-14 10/10/2014 Regular sample	SB915-3200-06 SB915-MH-15 04/24/2015 Regular sample	SB915-3241-01 SB915-MH-15 07/26/2016 Regular Sample	SB915-3274-01 SB915-MH-15 04/24/2017 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L		[3.3]				
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L		[3.5]				
ACETONE	50(S)	mg/L	[65J]		[80]	[87J]	[65]	[55]
BENZENE	1(S)	mg/L	[8.7]	[23]	[5.7]	[8.5]	[6.0]	[6.0]
CHLOROBENZENE	5(S)	mg/L		[7.0]				
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3085-04 SB915-MH-15 05/11/2012 Regular sample	SB915-3125-05 SB915-MH-15 7/17/2013 Regular sample	SB915-3178-04 SB915-MH-15 10/10/2014 Regular sample	SB915-3241-02 SB915-MH-16 07/26/2016 Regular Sample	SB915-3274-02 SB915-MH-16 04/24/2017 Regular Sample	SB915-3085-02 SB915-MH-16 05/11/2012 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[11]	[8.3]				[11]
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[15]	[12]		[4.5]	[4.8]	[17]
ACETONE	50(S)	mg/L			[75]	[72]		
BENZENE	1(S)	mg/L	[38]	[46]	[5.3]	[15]	[7.1]	[62]
CHLOROBENZENE	5(S)	mg/L	[38]	[29]		[6.8]	[6.2]	[44]
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L	[7.2]					[9.3]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
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Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3125-02 SB915-MH-16 7/17/2013 Regular sample	SB915-3200-08 SB915-MH-17 04/24/2015 Regular sample	SB915-3241-03 SB915-MH-17 07/26/2016 Regular Sample	SB915-3274-03 SB915-MH-17 04/24/2017 Regular Sample	SB915-3200-09 SB915-MH-18 04/24/2015 Regular sample	SB915-3241-04 SB915-MH-18 07/26/2016 Regular Sample
1,2-DICHLOROBENZENE	3(S)	mg/L	[9.8]					
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L	[15]		[4.1]	[3.6]		
ACETONE	50(S)	mg/L		[86J]	[81]		[90J]	[72]
BENZENE	1(S)	mg/L	[61]		[15]	[7.4]		
CHLOROBENZENE	5(S)	mg/L	[36]		[6.8]	[5.3]		
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L	[6.1]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3125-01 SB915-MH-18 7/17/2013 Regular sample	SB915-3179-01 SB915-MH-18 10/13/2014 Regular sample	SB915-3200-11 SB915-PCP-01 04/24/2015 Regular sample	SB915-3241-11 SB915-PCP-01 07/26/2016 Regular Sample	SB915-3276-08 SB915-PCP-01 04/25/2017 Regular Sample	SB915-3083-07 SB915-PCP-01 05/09/2012 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L						
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L						
ACETONE	50(S)	mg/L	[63]	[130J]		[67]		
BENZENE	1(S)	mg/L			[3.5]	[22]	[3.3]	[3.4]
CHLOROBENZENE	5(S)	mg/L						
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3125-09 SB915-PCP-01 7/17/2013 Regular sample	SB915-3179-04 SB915-PCP-01 10/13/2014 Regular sample	SB915-3200-12 SB915-PCP-02 04/24/2015 Regular sample	SB915-3241-10 SB915-PCP-02 07/26/2016 Regular Sample	SB915-3276-07 SB915-PCP-02 04/25/2017 Regular Sample	SB915-3125-08 SB915-PCP-02 7/17/2013 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L						
1,2-DICHLOROETHANE	0.6(S)	mg/L						
1,4-DICHLOROBENZENE	3(S)	mg/L						
ACETONE	50(S)	mg/L			[58J]	[63]		[56]
BENZENE	1(S)	mg/L	[10]	[21]	[8.8]	[6.6]	[4.4]	[21]
CHLOROBENZENE	5(S)	mg/L						
METHYLENE CHLORIDE	5(S)	mg/L						
TOLUENE	5(S)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-14
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3179-03 SB915-PCP-02 10/13/2014 Regular sample
1,2-DICHLOROBENZENE	3(S)	mg/L	
1,2-DICHLOROETHANE	0.6(S)	mg/L	
1,4-DICHLOROBENZENE	3(S)	mg/L	
ACETONE	50(S)	mg/L	[100J]
BENZENE	1(S)	mg/L	[15]
CHLOROBENZENE	5(S)	mg/L	
METHYLENE CHLORIDE	5(S)	mg/L	
TOLUENE	5(S)	mg/L	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-01 SB915-MH-01 04/23/2015 Regular sample	SB915-3242-12 SB915-MH-01 07/27/2016 Regular Sample	SB915-3276-06 SB915-MH-01 04/25/2017 Regular Sample	SB915-3083-01 SB915-MH-01 05/09/2012 Regular sample	SB915-3123A-01 SB915-MH-01 7/16/2013 Regular sample	SB915-3176-01 SB915-MH-01 10/08/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L		[0.19]				
BENZO(B)FLUORANTHENE	0.002(G)	mg/L		[0.29]				
BENZO(K)FLUORANTHENE	0.002(G)	mg/L		[0.28]				
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L		[0.26]				
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L		[0.38]				
PHENOL	1(S)	mg/L	[650]	[340]	[330]	[310]	[240]	[210]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-02 SB915-MH-02 04/23/2015 Regular sample	SB915-3242-11 SB915-MH-02 07/27/2016 Regular Sample	SB915-3276-05 SB915-MH-02 04/25/2017 Regular Sample	SB915-3083-02 SB915-MH-02 05/09/2012 Regular sample	SB915-3123A-03 SB915-MH-02 7/16/2013 Regular sample	SB915-3176-02 SB915-MH-02 10/08/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L				[1.7J]		
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L			[0.14J]			
BENZO(B)FLUORANTHENE	0.002(G)	mg/L			[0.24J]			
BENZO(K)FLUORANTHENE	0.002(G)	mg/L			[0.27J]			
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L			[0.24J]			
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[600]	[270]	[280]	[350]	[190]	[270]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-03 SB915-MH-03 04/23/2015 Regular sample	SB915-3242-10 SB915-MH-03 07/27/2016 Regular Sample	SB915-3276-04 SB915-MH-03 04/25/2017 Regular Sample	SB915-3083-03 SB915-MH-03 05/09/2012 Regular sample	SB915-3123A-05 SB915-MH-03 7/16/2013 Regular sample	SB915-3176-03 SB915-MH-03 10/08/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[190]	[130]	[130]	[120]	[130]	[120]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-04 SB915-MH-04 04/23/2015 Regular sample	SB915-3242-09 SB915-MH-04 07/27/2016 Regular Sample	SB915-3276-03 SB915-MH-04 04/25/2017 Regular Sample	SB915-3084-01 SB915-MH-04 05/10/2012 Regular sample	SB915-3123A-06 SB915-MH-04 7/16/2013 Regular sample	SB915-3176-04 SB915-MH-04 10/08/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L	[0.041J]					
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L	[0.051J]					
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[87]	[79]	[92]	[190]	[25J]	[100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-05 SB915-MH-05 04/23/2015 Regular sample	SB915-3242-06 SB915-MH-05 07/27/2016 Regular Sample	SB915-3276-02 SB915-MH-05 04/25/2017 Regular Sample	SB915-3084-02 SB915-MH-05 05/10/2012 Regular sample	SB915-3123A-07 SB915-MH-05 7/16/2013 Regular sample	SB915-3176-05 SB915-MH-05 10/08/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L		[1.0J]				
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[150]	[54]	[98]	[230]	[92]	[86]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-06 SB915-MH-06 04/23/2015 Regular sample	SB915-3242-05 SB915-MH-06 07/27/2016 Regular Sample	SB915-3276-01 SB915-MH-06 04/25/2017 Regular Sample	SB915-3084-03 SB915-MH-06 05/10/2012 Regular sample	SB915-3123A-08 SB915-MH-06 7/16/2013 Regular sample	SB915-3177-01 SB915-MH-06 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L	[1.1J]					
2-METHYLPHENOL	1(S)	mg/L						[1.4J]
2-NITROPHENOL	1(S)	mg/L					[1.4J]	
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[150]	[73]	[88]	[260]	[90]	[110]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-09 SB915-MH-07 04/23/2015 Regular sample	SB915-3242-04 SB915-MH-07 07/27/2016 Regular Sample	SB915-3275-03 SB915-MH-07 04/24/2017 Regular Sample	SB915-3085-03 SB915-MH-07 05/11/2012 Regular sample	SB915-3123A-09 SB915-MH-07 7/16/2013 Regular sample	SB915-3177-02 SB915-MH-07 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						[1.1J]
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L		[0.055J]				
BENZO(B)FLUORANTHENE	0.002(G)	mg/L		[0.12J]				
BENZO(K)FLUORANTHENE	0.002(G)	mg/L		[0.081J]				
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L		[0.087J]				
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L		[0.097J]				
PHENOL	1(S)	mg/L	[120]	[57]	[80]	[220]	[75]	[80]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-10 SB915-MH-08 04/23/2015 Regular sample	SB915-3242-03 SB915-MH-08 07/27/2016 Regular Sample	SB915-3275-02 SB915-MH-08 04/24/2017 Regular Sample	SB915-3084-04 SB915-MH-08 05/10/2012 Regular sample	SB915-3123A-10 SB915-MH-08 7/16/2013 Regular sample	SB915-3177-03 SB915-MH-08 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[130]	[73]	[81]	[180]	[70]	[63]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-11 SB915-MH-09 04/23/2015 Regular sample	SB915-3242-02 SB915-MH-09 07/27/2016 Regular Sample	SB915-3275-01 SB915-MH-09 04/24/2017 Regular Sample	SB915-3084-05 SB915-MH-09 05/10/2012 Regular sample	SB915-3123A-11 SB915-MH-09 7/16/2013 Regular sample	SB915-3177-04 SB915-MH-09 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L		[1.0J]				
BENZO(A)ANTHRACENE	0.002(G)	mg/L	[0.63J]					
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L			[32]			
CHRYSENE	0.002(G)	mg/L	[0.61J]					
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[140]	[79]	[89]	[200J]	[66]	[65]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-01 SB915-MH-10 04/24/2015 Regular sample	SB915-3242-01 SB915-MH-10 07/27/2016 Regular Sample	SB915-3274-12 SB915-MH-10 04/24/2017 Regular Sample	SB915-3084-07 SB915-MH-10 05/10/2012 Regular sample	SB915-3123A-12 SB915-MH-10 7/16/2013 Regular sample	SB915-3177-05 SB915-MH-10 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L					[1.0J]	
2-METHYLPHENOL	1(S)	mg/L		[1.2]				[2.1J]
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[82]	[45]	[81]	[120]	[63]	[54]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-02 SB915-MH-11 04/24/2015 Regular sample	SB915-3241-09 SB915-MH-11 07/26/2016 Regular Sample	SB915-3274-11 SB915-MH-11 04/24/2017 Regular Sample	SB915-3083-04 SB915-MH-11 05/09/2012 Regular sample	SB915-3126-01 SB915-MH-11 7/18/2013 Regular sample	SB915-3177-08 SB915-MH-11 10/09/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L		[1.1J]			[1.0J]	
2-METHYLPHENOL	1(S)	mg/L		[2.5J]				[2.4J]
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[130]	[52J]	[77]	[160]	[85]	[37]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-03 SB915-MH-12 04/24/2015 Regular sample	SB915-3241-08 SB915-MH-12 07/26/2016 Regular Sample	SB915-3274-10 SB915-MH-12 04/24/2017 Regular Sample	SB915-3084-08 SB915-MH-12 05/10/2012 Regular sample	SB915-3126-02 SB915-MH-12 7/18/2013 Regular sample	SB915-3178-01 SB915-MH-12 10/10/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L					[1.1J]	
2-METHYLPHENOL	1(S)	mg/L		[1.5J]				[3.1J]
2-NITROPHENOL	1(S)	mg/L					[1.1J]	
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[110]	[33J]	[52]	[97]	[77]	[48]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-04 SB915-MH-13 04/24/2015 Regular sample	SB915-3241-07 SB915-MH-13 07/26/2016 Regular Sample	Sb915-3274-09 SB915-MH-13 04/24/2017 Regular Sample	SB915-3084-09 SB915-MH-13 05/10/2012 Regular sample	SB915-3126-03 SB915-MH-13 7/18/2013 Regular sample	SB915-3178-02 SB915-MH-13 10/10/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L	[1.1J]	[1.9J]				[2.1J]
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L		[0.59J]				
BENZO(B)FLUORANTHENE	0.002(G)	mg/L		[0.79J]				
BENZO(K)FLUORANTHENE	0.002(G)	mg/L		[0.97J]				
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L		[6.3J]				
CHRYSENE	0.002(G)	mg/L		[0.90J]				
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L		[1.0J]				
PHENOL	1(S)	mg/L	[100]	[39J]	[74]	[100]	[74]	[34]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-05 SB915-MH-14 04/24/2015 Regular sample	SB915-3241-06 SB915-MH-14 07/26/2016 Regular Sample	SB915-3274-06 SB915-MH-14 04/24/2017 Regular Sample	SB915-3084-10 SB915-MH-14 05/10/2012 Regular sample	SB915-3125-06 SB915-MH-14 7/17/2013 Regular sample	SB915-3178-03 SB915-MH-14 10/10/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L		[2.0J]				[2.8J]
2-NITROPHENOL	1(S)	mg/L					[1.4J]	
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L		[5.0J]				
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[87]	[36J]	[52]	[90]	[67]	[41]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-06 SB915-MH-15 04/24/2015 Regular sample	SB915-3241-01 SB915-MH-15 07/26/2016 Regular Sample	SB915-3274-01 SB915-MH-15 04/24/2017 Regular Sample	SB915-3085-04 SB915-MH-15 05/11/2012 Regular sample	SB915-3125-05 SB915-MH-15 7/17/2013 Regular sample	SB915-3178-04 SB915-MH-15 10/10/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						[1.9J]
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[110]	[39J]	[63]	[390]	[250]	[29]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3241-02 SB915-MH-16 07/26/2016 Regular Sample	SB915-3274-02 SB915-MH-16 04/24/2017 Regular Sample	SB915-3085-02 SB915-MH-16 05/11/2012 Regular sample	SB915-3125-02 SB915-MH-16 7/17/2013 Regular sample	SB915-3200-08 SB915-MH-17 04/24/2015 Regular sample	SB915-3241-03 SB915-MH-17 07/26/2016 Regular Sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L				[2.2J]		
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[410J]	[170]	[400]	[250]	[2400]	[950J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3274-03 SB915-MH-17 04/24/2017 Regular Sample	SB915-3104-01 SB915-MH-17 12/11/2012 Regular sample	SB915-3200-09 SB915-MH-18 04/24/2015 Regular sample	SB915-3241-04 SB915-MH-18 07/26/2016 Regular Sample	SB915-3274-04 SB915-MH-18 04/24/2017 Regular Sample	SB915-3085-01 SB915-MH-18 05/11/2012 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[450]	[120]	[3500]	[2200J]	[970]	[1400]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3125-01 SB915-MH-18 7/17/2013 Regular sample	SB915-3179-01 SB915-MH-18 10/13/2014 Regular sample	SB915-3200-11 SB915-PCP-01 04/24/2015 Regular sample	SB915-3241-11 SB915-PCP-01 07/26/2016 Regular Sample	SB915-3083-07 SB915-PCP-01 05/09/2012 Regular sample	SB915-3125-09 SB915-PCP-01 7/17/2013 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L						
2-NITROPHENOL	1(S)	mg/L						
4-NITROPHENOL	1(S)	mg/L						
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[1000]	[1400]	[1.2]	[7.4J]	[1.2]	[2.1J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-15
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3179-04 SB915-PCP-01 10/13/2014 Regular sample	SB915-3200-12 SB915-PCP-02 04/24/2015 Regular sample	SB915-3241-10 SB915-PCP-02 07/26/2016 Regular Sample	SB915-3276-07 SB915-PCP-02 04/25/2017 Regular Sample	SB915-3125-08 SB915-PCP-02 7/17/2013 Regular sample	SB915-3179-03 SB915-PCP-02 10/13/2014 Regular sample
2,4-DICHLOROPHENOL	1(S)	mg/L						
2-METHYLPHENOL	1(S)	mg/L		[2.1]	[3.9J]		[2.2J]	[9.8]
2-NITROPHENOL	1(S)	mg/L	[3.2J]					
4-NITROPHENOL	1(S)	mg/L	[3.4J]					
BENZO(A)ANTHRACENE	0.002(G)	mg/L						
BENZO(B)FLUORANTHENE	0.002(G)	mg/L						
BENZO(K)FLUORANTHENE	0.002(G)	mg/L						
BIS(2-CHLOROETHYL)ETHER	1(S)	mg/L						
BIS(2-ETHYLHEXYL)PHTHALATE	5(S)	mg/L						
CHRYSENE	0.002(G)	mg/L						
INDENO(1,2,3-CD)PYRENE	0.002(G)	mg/L						
PHENOL	1(S)	mg/L	[3.2]	[13]	[19J]	[4.4]	[7.1J]	[71]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-16
Honeywell
Wastebeds 9 through 15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8081 Pesticide Data

Parameter Name	NYS Class GA Criteria	SB915-3178-03 SB915-MH-14 10/10/2014 Regular sample	SB915-3178-04 SB915-MH-15 10/10/2014 Regular sample	SB915-3179-04 SB915-PCP-01 10/13/2014 Regular sample
DIELDRIN	0.004(S)	[0.0097J]	[0.0068J]	[0.0055]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3276-06 SB915-MH-01 04/25/2017 Regular Sample	SB915-3280-09 SB915-MH-01 07/20/2017 Regular Sample	SB915-3289-10 SB915-MH-01 10/06/2017 Regular Sample	SB915-3266-02 SB915-MH-01 02/10/2017 Regular Sample	SB915-3242-12 SB915-MH-01 07/27/2016 Regular Sample	SB915-3250-12 SB915-MH-01 10/06/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[370J]	[630]	[950]	[540]	[1200]	[950]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3233-12 SB915-MH-01 04/28/2016 Regular Sample	SB915-3221-01 SB915-MH-01 02/04/2016 Regular Sample	SB915-3199-01 SB915-MH-01 04/23/2015 Regular sample	SB915-3215-01 SB915-MH-01 10/13/2015 Regular sample	SB915-3206-03 SB915-MH-01 07/15/2015 Regular sample	SB915-3186-01 SB915-MH-01 02/05/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L					[0.035J]	
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.029J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[440J]	[320]	[560]	[1200]	[480]	[940]
THALLIUM	0.00050 (G)	mg/L						[0.022J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3083-01 / SB915-MH-01 / 05/09/2012 / Regular sample	SB915-3090-01 / SB915-MH-01 / 08/22/2012 / Regular sample	SB915-3119-03 / SB915-MH-01 / 05/01/2013 / Regular sample	SB915-3144-01 / SB915-MH-01 / 01/29/2014 / Regular sample	SB915-3159-01 / SB915-MH-01 / 04/28/2014 / Regular sample	SB915-3169-01 / SB915-MH-01 / 07/14/2014 / Regular sample
ANTIMONY	0.003 (S)	mg/L				[0.0072J]		
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						[0.2J]
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1100]	[1900]	[736]	[660]	[450]	[1100]
THALLIUM	0.00050 (G)	mg/L				[0.013J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3176-01 SB915-MH-01 10/08/2014 Regular sample	SB915-3102-01 SB915-MH-01 12/11/2012 Regular sample	SB915-3123A-01 SB915-MH-01 07/16/2013 Regular sample	SB915-3276-05 SB915-MH-02 04/25/2017 Regular Sample	SB915-3280-08 SB915-MH-02 07/20/2017 Regular Sample	SB915-3289-09 SB915-MH-02 10/06/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L			[1.15]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.0133J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[790]	[130]		[340J]	[660]	[890]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3266-01 SB915-MH-02 02/10/2017 Regular Sample	SB915-3242-11 SB915-MH-02 07/27/2016 Regular Sample	SB915-3250-11 SB915-MH-02 10/06/2016 Regular Sample	SB915-3233-11 SB915-MH-02 04/28/2016 Regular Sample	SB915-3221-02 SB915-MH-02 02/04/2016 Regular Sample	SB915-3199-02 SB915-MH-02 04/23/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						[0.024J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[490]	[1200]	[970]	[450J]	[320]	[540]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3215-02 SB915-MH-02 10/13/2015 Regular sample	SB915-3206-05 SB915-MH-02 07/15/2015 Regular sample	SB915-3186-02 SB915-MH-02 02/05/2015 Regular sample	SB915-3083-02 SB915-MH-02 05/09/2012 Regular sample	SB915-3090-02 SB915-MH-02 08/22/2012 Regular sample	SB915-3119-04 SB915-MH-02 05/01/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.017J]				
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1000]	[490]	[850]	[1000]	[1700]	[712]
THALLIUM	0.00050 (G)	mg/L		[0.017J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3144-02 / SB915-MH-02 / 01/29/2014 / Regular sample	SB915-3159-02 / SB915-MH-02 / 04/28/2014 / Regular sample	SB915-3169-02 / SB915-MH-02 / 07/14/2014 / Regular sample	SB915-3176-02 / SB915-MH-02 / 10/08/2014 / Regular sample	SB915-3102-02 / SB915-MH-02 / 12/11/2012 / Regular sample	SB915-3123A-03 / SB915-MH-02 / 07/16/2013 / Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.0061J]					
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						[0.0125J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[670]	[450]	[1100]	[740]	[130]	[834]
THALLIUM	0.00050 (G)	mg/L	[0.012J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3276-04 SB915-MH-03 04/25/2017 Regular Sample	SB915-3280-07 SB915-MH-03 07/20/2017 Regular Sample	SB915-3289-08 SB915-MH-03 10/06/2017 Regular Sample	SB915-3265-12 SB915-MH-03 02/10/2017 Regular Sample	SB915-3242-10 SB915-MH-03 07/27/2016 Regular Sample	SB915-3250-10 SB915-MH-03 10/06/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L			[1.7J]		[1.7J]	[1.5J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.042J]				
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1200J]	[1500]	[2800]	[1200]	[2900]	[2000]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3233-10 SB915-MH-03 04/28/2016 Regular Sample	SB915-3221-03 SB915-MH-03 02/04/2016 Regular Sample	SB915-3199-03 SB915-MH-03 04/23/2015 Regular sample	SB915-3215-03 SB915-MH-03 10/13/2015 Regular sample	SB915-3206-08 SB915-MH-03 07/15/2015 Regular sample	SB915-3186-03 SB915-MH-03 02/05/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						[0.033J]
BARIUM	1.0 (S)	mg/L				[1.4J]		[1.3J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500J]	[1200]	[1300]	[2400]	[1500]	[2300]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3083-03 SB915-MH-03 05/09/2012 Regular sample	SB915-3090-03 SB915-MH-03 08/22/2012 Regular sample	SB915-3119-05 SB915-MH-03 05/01/2013 Regular sample	SB915-3139-03 SB915-MH-03 10/23/2013 Regular sample	SB915-3144-03 SB915-MH-03 01/29/2014 Regular sample	SB915-3159-03 SB915-MH-03 04/28/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L					[0.012]	
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[2.5]		[1.9]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[0.891]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L				[0.383]		
MERCURY	0.00070 (S)	mg/L				NA		
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L				[0.0232J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500]	[4100]	[1500]	[3180]	[1600]	[1400]
THALLIUM	0.00050 (G)	mg/L					[0.021J]	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3169-03 SB915-MH-03 07/14/2014 Regular sample	SB915-3176-03 SB915-MH-03 10/08/2014 Regular sample	SB915-3102-03 SB915-MH-03 12/11/2012 Regular sample	SB915-3123A-05 SB915-MH-03 07/16/2013 Regular sample	SB915-3276-03 SB915-MH-04 04/25/2017 Regular Sample	SB915-3280-06 SB915-MH-04 07/20/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.4]	[2]		[1.15J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						[0.046J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2300]	[3600]	[740]	[2010]	[1000J]	[1500]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3289-07 SB915-MH-04 10/06/2017 Regular Sample	SB915-3265-11 SB915-MH-04 02/10/2017 Regular Sample	SB915-3242-09 SB915-MH-04 07/27/2016 Regular Sample	SB915-3250-09 SB915-MH-04 10/06/2016 Regular Sample	SB915-3233-09 SB915-MH-04 04/28/2016 Regular Sample	SB915-3221-04 SB915-MH-04 02/04/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						[0.041J]
BARIUM	1.0 (S)	mg/L	[1.7J]		[1.7J]	[1.5J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.039J]					
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3000]	[1100]	[3000]	[2200]	[1500J]	[1200]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-04 SB915-MH-04 04/23/2015 Regular sample	SB915-3215-04 SB915-MH-04 10/13/2015 Regular sample	SB915-3206-09 SB915-MH-04 07/15/2015 Regular sample	SB915-3186-04 SB915-MH-04 02/05/2015 Regular sample	SB915-3084-01 SB915-MH-04 05/10/2012 Regular sample	SB915-3090-05 SB915-MH-04 08/22/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L		[0.043J]				
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.4J]		[1.2J]	[1]	[2.3]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.02J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1100]	[2500]	[1500]	[2200]	[1800]	[4100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3119-08 SB915-MH-04 05/01/2013 Regular sample	SB915-3139-04 SB915-MH-04 10/23/2013 Regular sample	SB915-3144-04 SB915-MH-04 01/29/2014 Regular sample	SB915-3159-06 SB915-MH-04 04/28/2014 Regular sample	SB915-3173-02 SB915-MH-04 07/18/2014 Regular sample	SB915-3176-04 SB915-MH-04 10/08/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L			[0.011]			
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.86]			[1.3]	[1.9J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.358]					
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.0266J]				
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1460]	[3300]	[1600]	[1300]	[2300]	[3300]
THALLIUM	0.00050 (G)	mg/L			[0.016J]			

NOTES:

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3102-04 SB915-MH-04 12/11/2012 Regular sample	SB915-3123A-06 SB915-MH-04 07/16/2013 Regular sample	SB915-3276-02 SB915-MH-05 04/25/2017 Regular Sample	SB915-3280-05 SB915-MH-05 07/20/2017 Regular Sample	SB915-3289-06 SB915-MH-05 10/06/2017 Regular Sample	SB915-3265-10 SB915-MH-05 02/10/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.09J]			[1.7J]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.044J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1000]	[1950]	[1000J]	[1200]	[3100]	[1100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3242-06 SB915-MH-05 07/27/2016 Regular Sample	SB915-3250-08 SB915-MH-05 10/06/2016 Regular Sample	SB915-3233-08 SB915-MH-05 04/28/2016 Regular Sample	SB915-3221-05 SB915-MH-05 02/04/2016 Regular Sample	SB915-3199-05 SB915-MH-05 04/23/2015 Regular sample	SB915-3215-05 SB915-MH-05 10/13/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.7J]	[1.4J]				[1.4J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L			[2.8]			
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.046J]				[0.017J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3000]	[2000]	[1500J]	[1100]	[1100]	[2400]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3206-10 SB915-MH-05 07/15/2015 Regular sample	SB915-3186-05 SB915-MH-05 02/05/2015 Regular sample	SB915-3084-02 SB915-MH-05 05/10/2012 Regular sample	SB915-3090-06 SB915-MH-05 08/22/2012 Regular sample	SB915-3119-09 SB915-MH-05 05/01/2013 Regular sample	SB915-3139-06 SB915-MH-05 10/23/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.2J]		[2.3]		[1.89]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						[0.0295J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500]	[2200]	[1800]	[4100]	[1540]	[3380]
THALLIUM	0.00050 (G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3144-05 SB915-MH-05 01/29/2014 Regular sample	SB915-3159-07 SB915-MH-05 04/28/2014 Regular sample	SB915-3169-05 SB915-MH-05 07/14/2014 Regular sample	SB915-3176-05 SB915-MH-05 10/08/2014 Regular sample	SB915-3102-06 SB915-MH-05 12/11/2012 Regular sample	SB915-3123A-07 SB915-MH-05 07/16/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.012]					
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L			[1.3]	[1.9J]		[1.08J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.012J]		[0.019J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[1300]	[2300]	[3300]	[1100]	[2020]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3276-01 SB915-MH-06 04/25/2017 Regular Sample	SB915-3280-04 SB915-MH-06 07/20/2017 Regular Sample	SB915-3289-05 SB915-MH-06 10/06/2017 Regular Sample	SB915-3265-09 SB915-MH-06 02/10/2017 Regular Sample	SB915-3242-05 SB915-MH-06 07/27/2016 Regular Sample	SB915-3250-07 SB915-MH-06 10/06/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.1J]	[1.7J]		[1.6J]	[1.1J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.04J]				
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[960J]	[2000]	[3000]	[1000]	[3000]	[1600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3233-06 SB915-MH-06 04/28/2016 Regular Sample	SB915-3221-06 SB915-MH-06 02/04/2016 Regular Sample	SB915-3199-06 SB915-MH-06 04/23/2015 Regular sample	SB915-3215-06 SB915-MH-06 10/13/2015 Regular sample	SB915-3206-11 SB915-MH-06 07/15/2015 Regular sample	SB915-3186-06 SB915-MH-06 02/05/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L				[0.035J]		
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L				[1.3J]		[1.2J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.02J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500J]	[1200]	[1100]	[2400]	[1400]	[2200]
THALLIUM	0.00050 (G)	mg/L						[0.015J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-03 SB915-MH-06 05/10/2012 Regular sample	SB915-3090-09 SB915-MH-06 08/22/2012 Regular sample	SB915-3119-10 SB915-MH-06 05/01/2013 Regular sample	SB915-3139-07 SB915-MH-06 10/23/2013 Regular sample	SB915-3144-06 SB915-MH-06 01/29/2014 Regular sample	SB915-3159-08 SB915-MH-06 04/28/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L					[0.011]	
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1]	[2.4]		[1.85]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L			[0.318]			
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L				[0.0226J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1800]	[4200]	[1470]	[3240]	[1600]	[1200]
THALLIUM	0.00050 (G)	mg/L					[0.015J]	

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3173-05 SB915-MH-06 07/18/2014 Regular sample	SB915-3177-01 SB915-MH-06 10/09/2014 Regular sample	SB915-3102-07 SB915-MH-06 12/11/2012 Regular sample	SB915-3123A-08 SB915-MH-06 07/16/2013 Regular sample	SB915-3275-03 SB915-MH-07 04/24/2017 Regular Sample	SB915-3280-03 SB915-MH-07 07/20/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.4]	[2.1]		[1.12J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2400]	[3700]	[970]	[1980]	[1100J]	[1600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3289-04 SB915-MH-07 10/06/2017 Regular Sample	SB915-3265-08 SB915-MH-07 02/10/2017 Regular Sample	SB915-3242-04 SB915-MH-07 07/27/2016 Regular Sample	SB915-3250-06 SB915-MH-07 10/06/2016 Regular Sample	SB915-3233-05 SB915-MH-07 04/28/2016 Regular Sample	SB915-3221-09 SB915-MH-07 02/04/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.7J]		[1.7J]	[1.5J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.046J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3000]	[1000]	[3100]	[2200]	[1500J]	[1100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3199-09 SB915-MH-07 04/23/2015 Regular sample	SB915-3215-08 SB915-MH-07 10/13/2015 Regular sample	SB915-3206-12 SB915-MH-07 07/15/2015 Regular sample	SB915-3186-08 SB915-MH-07 02/05/2015 Regular sample	SB915-3085-03 SB915-MH-07 05/11/2012 Regular sample	SB915-3090-10 SB915-MH-07 08/22/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L		[0.048J]				
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.4J]		[1.2J]	[1]	[2.4]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						[2.2]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.029J]		[0.017J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1100]	[2500]	[1700]	[2200]	[1700]	[4100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3119-11 SB915-MH-07 05/01/2013 Regular sample	SB915-3139-08 SB915-MH-07 10/23/2013 Regular sample	SB915-3144-09 SB915-MH-07 01/29/2014 Regular sample	SB915-3159-09 SB915-MH-07 04/28/2014 Regular sample	SB915-3174-01 SB915-MH-07 07/18/2014 Regular sample	SB915-3177-02 SB915-MH-07 10/09/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L			[0.012]			
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.71]			[1.4]	[2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.0246J]				[0.029J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1480]	[3150]	[1600]	[1200]	[2400]	[3400]
THALLIUM	0.00050 (G)	mg/L			[0.017J]			

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3103-04 SB915-MH-07 12/11/2012 Regular sample	SB915-3123A-09 SB915-MH-07 07/16/2013 Regular sample	SB915-3275-02 SB915-MH-08 04/24/2017 Regular Sample	SB915-3280-02 SB915-MH-08 07/20/2017 Regular Sample	SB915-3289-03 SB915-MH-08 10/06/2017 Regular Sample	SB915-3265-07 SB915-MH-08 02/10/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.13J]			[1.7J]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[1.9]					
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[970]	[2020]	[880J]	[1400]	[3100]	[1100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3242-03 SB915-MH-08 07/27/2016 Regular Sample	SB915-3250-05 SB915-MH-08 10/06/2016 Regular Sample	SB915-3233-04 SB915-MH-08 04/28/2016 Regular Sample	SB915-3221-10 SB915-MH-08 02/04/2016 Regular Sample	SB915-3199-10 SB915-MH-08 04/23/2015 Regular sample	SB915-3215-09 SB915-MH-08 10/13/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.6J]	[1.4J]				[1.4J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.034J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2900]	[2100]	[1500J]	[1100]	[1100]	[2400]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3208-01 SB915-MH-08 07/16/2015 Regular sample	SB915-3186-09 SB915-MH-08 02/05/2015 Regular sample	SB915-3084-04 SB915-MH-08 05/10/2012 Regular sample	SB915-3090-11 SB915-MH-08 08/22/2012 Regular sample	SB915-3090-11 SB915-MH-08 08/22/2012 Regular sample	SB915-3120-05 SB915-MH-08 05/01/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L		[0.036J]				
BARIUM	1.0 (S)	mg/L		[1.2J]		[2.3]	[2.3]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[0.32J]				[0.31]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[2200]	[1600]	[4000]	[4000]	[1570]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3139-09 SB915-MH-08 10/23/2013 Regular sample	SB915-3144-10 SB915-MH-08 01/29/2014 Regular sample	SB915-3159-10 SB915-MH-08 04/28/2014 Regular sample	SB915-3173-06 SB915-MH-08 07/18/2014 Regular sample	SB915-3177-03 SB915-MH-08 10/09/2014 Regular sample	SB915-3102-08 SB915-MH-08 12/11/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L		[0.012]				
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.82]			[1.4]	[2]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[0.36]				
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.0332J]				[0.029J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3050]	[1600]	[1200]	[2400]	[3300]	[890]
THALLIUM	0.00050 (G)	mg/L		[0.015J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3123A-10 SB915-MH-08 07/16/2013 Regular sample	SB915-3275-01 SB915-MH-09 04/24/2017 Regular Sample	SB915-3280-01 SB915-MH-09 07/20/2017 Regular Sample	SB915-3289-02 SB915-MH-09 10/06/2017 Regular Sample	SB915-3265-06 SB915-MH-09 02/10/2017 Regular Sample	SB915-3242-02 SB915-MH-09 07/27/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.13J]			[1.7J]		[1.7J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.047J]	[0.041J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1970]	[930J]	[1700]	[3100]	[1100]	[3000]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3250-04 SB915-MH-09 10/06/2016 Regular Sample	SB915-3233-03 SB915-MH-09 04/28/2016 Regular Sample	SB915-3221-11 SB915-MH-09 02/04/2016 Regular Sample	SB915-3199-11 SB915-MH-09 04/23/2015 Regular sample	SB915-3215-10 SB915-MH-09 10/13/2015 Regular sample	SB915-3208-02 SB915-MH-09 07/16/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.4J]				[1.4J]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2100]	[1400J]	[1200]	[1100]	[2500]	[1600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3186-10 SB915-MH-09 02/05/2015 Regular sample	SB915-3084-05 SB915-MH-09 05/10/2012 Regular sample	SB915-3091-01 SB915-MH-09 08/23/2012 Regular sample	SB915-3119-12 SB915-MH-09 05/01/2013 Regular sample	SB915-3139-10 SB915-MH-09 10/23/2013 Regular sample	SB915-3144-11 SB915-MH-09 01/29/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L						[0.012]
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.2J]		[2.6]		[1.82]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L			[1.3]	[0.307]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L			[0.35]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.034J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2200]	[1600]	[4300]	[1520]	[3210]	[1600]
THALLIUM	0.00050 (G)	mg/L						[0.016J]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3159-11 SB915-MH-09 04/28/2014 Regular sample	SB915-3169-09 SB915-MH-09 07/14/2014 Regular sample	SB915-3177-04 SB915-MH-09 10/09/2014 Regular sample	SB915-3102-09 SB915-MH-09 12/11/2012 Regular sample	SB915-3123A-11 SB915-MH-09 07/16/2013 Regular sample	SB915-3274-12 SB915-MH-10 04/24/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L		[0.028J]				
BARIUM	1.0 (S)	mg/L		[1.3]	[2]		[1.09J]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[1.9]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L				[0.56]		
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.012J]		[0.023J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1200]	[2200]	[3400]	[950]	[1990]	[1300J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-12 SB915-MH-10 07/20/2017 Regular Sample	SB915-3289-01 SB915-MH-10 10/06/2017 Regular Sample	SB915-3265-05 SB915-MH-10 02/10/2017 Regular Sample	SB915-3242-01 SB915-MH-10 07/27/2016 Regular Sample	SB915-3250-01 SB915-MH-10 10/06/2016 Regular Sample	SB915-3233-02 SB915-MH-10 04/28/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.9J]		[1.8J]	[1.9J]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.045J]	[0.05J]		[0.041J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[3200]	[1300]	[3000]	[2800]	[1700J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3221-12 SB915-MH-10 02/04/2016 Regular Sample	SB915-3200-01 SB915-MH-10 04/24/2015 Regular sample	SB915-3215-11 SB915-MH-10 10/13/2015 Regular sample	SB915-3208-03 SB915-MH-10 07/16/2015 Regular sample	SB915-3187-01 SB915-MH-10 02/06/2015 Regular sample	SB915-3084-07 SB915-MH-10 05/10/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L		[0.035J]				
BARIUM	1.0 (S)	mg/L			[1.7J]	[1.1J]	[1.4J]	[1.2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[0.32J]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.026J]	[0.027J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1300]	[1300]	[2900]	[1900]	[2500]	[1900]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3091-03 / SB915-MH-10 / 08/23/2012 / Regular sample	SB915-3120-01 / SB915-MH-10 / 05/01/2013 / Regular sample	SB915-3139-11 / SB915-MH-10 / 10/23/2013 / Regular sample	SB915-3144-12 / SB915-MH-10 / 01/29/2014 / Regular sample	SB915-3159-12 / SB915-MH-10 / 04/28/2014 / Regular sample	SB915-3169-10 / SB915-MH-10 / 07/14/2014 / Regular sample
ANTIMONY	0.003 (S)	mg/L				[0.015]		
ARSENIC	0.025 (S)	mg/L						[0.03J]
BARIUM	1.0 (S)	mg/L	[2.2]	[1.04]	[2.04]			[1.7J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.0266J]		[0.013J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3700]	[1710]	[3350]	[1800]	[1400]	[2800]
THALLIUM	0.00050 (G)	mg/L				[0.012J]		

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3177-05 SB915-MH-10 10/09/2014 Regular sample	SB915-3102-10 SB915-MH-10 12/11/2012 Regular sample	SB915-3123A-12 SB915-MH-10 07/16/2013 Regular sample	SB915-3274-11 SB915-MH-11 04/24/2017 Regular Sample	SB915-3279-11 SB915-MH-11 07/20/2017 Regular Sample	SB915-3288-01 SB915-MH-11 10/05/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.3]		[1.32J]		[1.4J]	[2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.03J]				[0.061J]	[0.06J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3800]	[1600]	[2190]	[1400J]	[2400]	[3400]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3265-04 SB915-MH-11 02/10/2017 Regular Sample	SB915-3241-09 SB915-MH-11 07/26/2016 Regular Sample	SB915-3249-07 SB915-MH-11 10/05/2016 Regular Sample	SB915-3233-01 SB915-MH-11 04/28/2016 Regular Sample	SB915-3222-01 SB915-MH-11 02/04/2016 Regular Sample	SB915-3200-02 SB915-MH-11 04/24/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[2.1]	[1.9J]	[1.1J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[1.7J+]					
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.04J]				[0.026J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1400]	[3500]	[2800]	[1800J]	[1400]	[1300]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3216-01 / SB915-MH-11 / 10/14/2015 / Regular sample	SB915-3208-04 / SB915-MH-11 / 07/16/2015 / Regular sample	SB915-3187-02 / SB915-MH-11 / 02/06/2015 / Regular sample	SB915-3083-04 / SB915-MH-11 / 05/09/2012 / Regular sample	SB915-3091-02 / SB915-MH-11 / 08/23/2012 / Regular sample	SB915-3121-01 / SB915-MH-11 / 05/02/2013 / Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.035J]	[0.027J]				
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.1]	[1.1J]	[1.6J]	[1.1]	[2.9]	[1.2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3600]	[1900]	[2900]	[1800]	[4700]	[1960]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3139-12 SB915-MH-11 10/23/2013 Regular sample	SB915-3146-01 SB915-MH-11 01/30/2014 Regular sample	SB915-3160-01 SB915-MH-11 04/28/2014 Regular sample	SB915-3170-01 SB915-MH-11 07/15/2014 Regular sample	SB915-3177-08 SB915-MH-11 10/09/2014 Regular sample	SB915-3102-11 SB915-MH-11 12/11/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L		[0.027J]				
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.16]	[1.1]		[1.7J]	[2.4]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.0316J]					
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3600]	[2000]	[1300]	[2900]	[4000]	[3000]
THALLIUM	0.00050 (G)	mg/L		[0.019J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3126-01 SB915-MH-11 07/18/2013 Regular sample	SB915-3274-10 SB915-MH-12 04/24/2017 Regular Sample	SB915-3279-10 SB915-MH-12 07/20/2017 Regular Sample	SB915-3287-12 SB915-MH-12 10/05/2017 Regular Sample	SB915-3265-03 SB915-MH-12 02/10/2017 Regular Sample	SB915-3241-08 SB915-MH-12 07/26/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L			[0.056J]			
BARIUM	1.0 (S)	mg/L	[1.37J]		[1.7J]	[2.7]		[2.3]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[5.3]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.057J]	[0.07J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2370]	[1500J]	[2500]	[3900]	[1600]	[3600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3249-06 SB915-MH-12 10/05/2016 Regular Sample	SB915-3232-11 SB915-MH-12 04/27/2016 Regular Sample	SB915-3222-02 SB915-MH-12 02/04/2016 Regular Sample	SB915-3200-03 SB915-MH-12 04/24/2015 Regular sample	SB915-3216-02 SB915-MH-12 10/14/2015 Regular sample	SB915-3208-05 SB915-MH-12 07/16/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.032J]					
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.6]	[1.5J]			[2.1]	[1.5J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L					[0.34]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L				[0.018J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3600]	[2300J]	[1600]	[1600]	[3300]	[2300]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3187-03 SB915-MH-12 02/06/2015 Regular sample	SB915-3084-08 SB915-MH-12 05/10/2012 Regular sample	SB915-3091-04 SB915-MH-12 08/23/2012 Regular sample	SB915-3121-02 SB915-MH-12 05/02/2013 Regular sample	SB915-3140-03 SB915-MH-12 10/23/2013 Regular sample	SB915-3146-03 SB915-MH-12 01/30/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L						[0.026J]
ARSENIC	0.025 (S)	mg/L	[0.045J]					
BARIUM	1.0 (S)	mg/L	[2.2]	[1.4]	[3.3]	[1.39]	[2.59]	[1.4]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.49J]					
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.57]		[0.3]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.0427J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3400]	[2100]	[4900]	[2140]	[3800]	[2400]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3160-02 SB915-MH-12 04/28/2014 Regular sample	SB915-3170-04 SB915-MH-12 07/15/2014 Regular sample	SB915-3178-01 SB915-MH-12 10/10/2014 Regular sample	SB915-3102-12 SB915-MH-12 12/11/2012 Regular sample	SB915-3126-02 SB915-MH-12 07/18/2013 Regular sample	Sb915-3274-09 SB915-MH-13 04/24/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L		[0.035J]	[0.033J]			
BARIUM	1.0 (S)	mg/L		[2]	[3.3]		[1.79J]	[1J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.018J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[3100]	[4800]	[2300]	[2920]	[1600J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-07 SB915-MH-13 07/20/2017 Regular Sample	SB915-3287-11 SB915-MH-13 10/05/2017 Regular Sample	SB915-3265-02 SB915-MH-13 02/10/2017 Regular Sample	SB915-3241-07 SB915-MH-13 07/26/2016 Regular Sample	SB915-3249-05 SB915-MH-13 10/05/2016 Regular Sample	SB915-3232-10 SB915-MH-13 04/27/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.8J]	[2.6]		[2.5]	[2.5]	[1.4J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.064J]		[0.055J]		
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2700]	[3800]	[1500]	[3900]	[3500]	[2300J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3222-03 SB915-MH-13 02/04/2016 Regular Sample	SB915-3200-04 SB915-MH-13 04/24/2015 Regular sample	SB915-3216-03 SB915-MH-13 10/14/2015 Regular sample	SB915-3208-06 SB915-MH-13 07/16/2015 Regular sample	SB915-3187-04 SB915-MH-13 02/06/2015 Regular sample	SB915-3084-09 SB915-MH-13 05/10/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L			[2.1]	[1.4J]	[1.8J]	[1.4]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L			[0.58J]			
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L			[0.6]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500]	[1600]	[3300]	[2200]	[3000]	[2100]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3091-05 SB915-MH-13 08/23/2012 Regular sample	SB915-3121-04 SB915-MH-13 05/02/2013 Regular sample	SB915-3140-04 SB915-MH-13 10/23/2013 Regular sample	SB915-3146-04 SB915-MH-13 01/30/2014 Regular sample	SB915-3160-03 SB915-MH-13 04/28/2014 Regular sample	SB915-3170-05 SB915-MH-13 07/15/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L				[0.029J]		
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[3]	[1.27]	[2.68]	[1.3]	[1]	[2.2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.041J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[4400]	[1960]	[3800]	[2300]	[1600]	[3300]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3178-02 SB915-MH-13 10/10/2014 Regular sample	SB915-3103-05 SB915-MH-13 12/11/2012 Regular sample	SB915-3126-03 SB915-MH-13 07/18/2013 Regular sample	SB915-3274-06 SB915-MH-14 04/24/2017 Regular Sample	SB915-3279-06 SB915-MH-14 07/20/2017 Regular Sample	SB915-3287-10 SB915-MH-14 10/05/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[3.1]		[1.76J]	[1.1J]	[1.6J]	[2.6]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[0.53J]		[6.8]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.3]			[0.39]	[0.37]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.066J]	[0.064J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[4600]	[2200]	[2790]	[1700J]	[2300]	[3700]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3265-01 SB915-MH-14 02/10/2017 Regular Sample	SB915-3241-06 SB915-MH-14 07/26/2016 Regular Sample	SB915-3249-04 SB915-MH-14 10/05/2016 Regular Sample	SB915-3232-09 SB915-MH-14 04/27/2016 Regular Sample	SB915-3223-01 SB915-MH-14 02/05/2016 Regular Sample	SB915-3200-05 SB915-MH-14 04/24/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[2.7]	[2.6]	[1.3J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[0.51J]	[0.8J]		[0.6J]	
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L		[0.52]	[0.68]	[0.37]	[0.42]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.053J]				
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500]	[3900]	[3500]	[2100J]	[1600]	[1500]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3216-04 SB915-MH-14 10/14/2015 Regular sample	SB915-3208-07 SB915-MH-14 07/16/2015 Regular sample	SB915-3187-05 SB915-MH-14 02/06/2015 Regular sample	SB915-3084-10 SB915-MH-14 05/10/2012 Regular sample	SB915-3091-06 SB915-MH-14 08/23/2012 Regular sample	SB915-3121-05 SB915-MH-14 05/02/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.049J]					
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.1]	[1.4J]	[1.9J]	[1.3]	[3.6]	[1.26]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.51J]	[0.5J]	[0.35J]			[0.451]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L					[0.53]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3200]	[2200]	[2900]	[1900]	[5300]	[1930]
THALLIUM	0.00050 (G)	mg/L		[0.027J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3141-01 SB915-MH-14 10/24/2013 Regular sample	SB915-3146-05 SB915-MH-14 01/30/2014 Regular sample	SB915-3161-01 SB915-MH-14 04/29/2014 Regular sample	SB915-3170-06 SB915-MH-14 07/15/2014 Regular sample	SB915-3178-03 SB915-MH-14 10/10/2014 Regular sample	SB915-3105-01 SB915-MH-14 12/12/2012 Regular sample
ANTIMONY	0.003 (S)	mg/L		[0.023J]				
ARSENIC	0.025 (S)	mg/L				[0.037J]		
BARIUM	1.0 (S)	mg/L	[2.66]	[1.4]	[1]	[2.1]	[3.1]	
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[3.18]				[0.82J]	
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.885]				[0.62]	[0.43]
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.0379J]		[0.015J]		[0.019J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3780]	[2400]	[1700]	[3200]	[4500]	[2700]
THALLIUM	0.00050 (G)	mg/L		[0.016J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3125-06 SB915-MH-14 07/17/2013 Regular sample	SB915-3274-01 SB915-MH-15 04/24/2017 Regular Sample	SB915-3279-01 SB915-MH-15 07/20/2017 Regular Sample	SB915-3287-05 SB915-MH-15 10/05/2017 Regular Sample	SB915-3264-01 SB915-MH-15 02/09/2017 Regular Sample	SB915-3241-01 SB915-MH-15 07/26/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.78J]		[1.3J]	[2.6]		[2.6]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[2.1]		[0.48J]		[0.46J]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.333]		[0.32]	[0.52]		[0.41]
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.045J]	[0.08J]	[0.048J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2740]	[1400J]	[1900]	[3600]	[1500]	[3800]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3249-01 SB915-MH-15 10/05/2016 Regular Sample	SB915-3232-03 SB915-MH-15 04/27/2016 Regular Sample	SB915-3223-02 SB915-MH-15 02/05/2016 Regular Sample	SB915-3200-06 SB915-MH-15 04/24/2015 Regular sample	SB915-3216-05 SB915-MH-15 10/14/2015 Regular sample	SB915-3208-08 SB915-MH-15 07/16/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L					[0.042J]	
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[2.7]	[1.2J]			[2.1]	[1.3J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.83J]	[3.1]	[0.32J]		[0.48J]	[0.38J]
LEAD	0.025 (S)	mg/L	[0.033J]					
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.71]	[0.43]	[0.31]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3600]	[1800J]	[1600]	[1400]	[3300]	[1900]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3187-06 SB915-MH-15 02/06/2015 Regular sample	SB915-3085-04 SB915-MH-15 05/11/2012 Regular sample	SB915-3091-07 SB915-MH-15 08/23/2012 Regular sample	SB915-3121-06 SB915-MH-15 05/02/2013 Regular sample	SB915-3141-02 SB915-MH-15 10/24/2013 Regular sample	SB915-3145-01 SB915-MH-15 01/29/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L						[0.015]
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.9J]		[2.6]		[2.76]	[1.1]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.34J]	[0.62]		[0.915]	[0.589]	
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.35]		[0.63]		[0.555]	
MERCURY	0.00070 (S)	mg/L		[0.0013]				
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.0346J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[3000]	[560]	[3900]	[314]	[3810]	[1800]
THALLIUM	0.00050 (G)	mg/L						[0.016J]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3161-02 SB915-MH-15 04/29/2014 Regular sample	SB915-3170-07 SB915-MH-15 07/15/2014 Regular sample	SB915-3178-04 SB915-MH-15 10/10/2014 Regular sample	SB915-3105-02 SB915-MH-15 12/12/2012 Regular sample	SB915-3125-05 SB915-MH-15 07/17/2013 Regular sample	SB915-3274-02 SB915-MH-16 04/24/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.7J]	[3.1]			
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[0.32J]	[0.66J]	[1.6]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L			[0.47]	[0.37]		
MERCURY	0.00070 (S)	mg/L					[0.00135]	[0.001]
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L	[0.013J]		[0.018J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1500]	[2600]	[4500]	[1900]	[50]	[250J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-02 SB915-MH-16 07/20/2017 Regular Sample	SB915-3287-06 SB915-MH-16 10/05/2017 Regular Sample	SB915-3264-04 SB915-MH-16 02/09/2017 Regular Sample	SB915-3241-02 SB915-MH-16 07/26/2016 Regular Sample	SB915-3257-01 SB915-MH-16 11/16/2016 Regular Sample	SB915-3232-04 SB915-MH-16 04/27/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L		[1.2J]				
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.44J]	[0.69J]		[4.4]	[0.62J]	
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L				[0.7]		
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[250]	[1000]	[260]	[680]	[340]	[250J]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3223-03 SB915-MH-16 02/05/2016 Regular Sample	SB915-3216-06 SB915-MH-16 10/14/2015 Regular sample	SB915-3208-09 SB915-MH-16 07/16/2015 Regular sample	SB915-3085-02 SB915-MH-16 05/11/2012 Regular sample	SB915-3091-08 SB915-MH-16 08/23/2012 Regular sample	SB915-3120-04 SB915-MH-16 05/01/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L	[0.043J]					
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.83J]	[3.1]	[1.5]	[0.81]	[7.4]	[1.13]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L		[0.59]			[0.36]	
MERCURY	0.00070 (S)	mg/L				[0.0013]		
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[310]	[870]	[280]	[560]	[1200]	[299]
THALLIUM	0.00050 (G)	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Units	Field Sample ID Location Sample Date Sample Purpose	SB915-3141-03 SB915-MH-16 10/24/2013 Regular sample	SB915-3146-06 SB915-MH-16 01/30/2014 Regular sample	SB915-3161-03 SB915-MH-16 04/29/2014 Regular sample	SB915-3170-08 SB915-MH-16 07/15/2014 Regular sample	SB915-3105-03 SB915-MH-16 12/12/2012 Regular sample	SB915-3125-02 SB915-MH-16 07/17/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L			[0.0049J]				
ARSENIC	0.025 (S)	mg/L							
BARIUM	1.0 (S)	mg/L							
COPPER	0.2 (S)	mg/L							
IRON	0.3 (S)	mg/L		[5.98]	[0.73]	[1.1]	[0.71]	[4.7]	[1.1]
LEAD	0.025 (S)	mg/L							
MAGNESIUM	35.0 (G)	mg/L							
MANGANESE	0.3 (S)	mg/L		[0.77]					
MERCURY	0.00070 (S)	mg/L							[0.00129]
NICKEL	0.1 (S)	mg/L							
SELENIUM	0.01 (S)	mg/L		[0.0185J]					
SILVER	0.05 (S)	mg/L							
SODIUM	20.0 (S)	mg/L		[729]	[390]	[270]	[490]	[88]	[483]
THALLIUM	0.00050 (G)	mg/L			[0.0026J]				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3274-03 SB915-MH-17 04/24/2017 Regular Sample	SB915-3279-03 SB915-MH-17 07/20/2017 Regular Sample	SB915-3287-07 SB915-MH-17 10/05/2017 Regular Sample	SB915-3264-05 SB915-MH-17 02/09/2017 Regular Sample	SB915-3241-03 SB915-MH-17 07/26/2016 Regular Sample	SB915-3257-03 SB915-MH-17 11/16/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L			[1.3J]			
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L			[5.3]			
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L				[0.35]		
MERCURY	0.00070 (S)	mg/L	[0.0012]				[0.00097]	
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[370J]	[240]	[1000]	[520]	[790]	[410]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3232-05 SB915-MH-17 04/27/2016 Regular Sample	SB915-3223-04 SB915-MH-17 02/05/2016 Regular Sample	SB915-3200-08 SB915-MH-17 04/24/2015 Regular sample	SB915-3216-07 SB915-MH-17 10/14/2015 Regular sample	SB915-3208-10 SB915-MH-17 07/16/2015 Regular sample	SB915-3120-03 SB915-MH-17 05/01/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L				[1.4J]	[1.5J]	[1.22]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[1.2]	[1.2]	[0.83]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						[2.41]
MERCURY	0.00070 (S)	mg/L						NA
NICKEL	0.1 (S)	mg/L				[0.12J]		
SELENIUM	0.01 (S)	mg/L			[0.027J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[280J]	[350]	[1500]	[1500]	[1600]	[1360]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3161-05 SB915-MH-17 04/29/2014 Regular sample	SB915-3104-01 SB915-MH-17 12/11/2012 Regular sample	SB915-3274-04 SB915-MH-18 04/24/2017 Regular Sample	SB915-3279-04 SB915-MH-18 07/20/2017 Regular Sample	SB915-3287-08 SB915-MH-18 10/05/2017 Regular Sample	SB915-3264-06 SB915-MH-18 02/09/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.3]		[1.3J]	[1J]	[2]	[1.1J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[7.1]			[1.4]	
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.67]		[1.6]	[0.95]	[0.31]	[1.3]
MERCURY	0.00070 (S)	mg/L			[0.0013]			
NICKEL	0.1 (S)	mg/L			[0.11J]			
SELENIUM	0.01 (S)	mg/L				[0.043J]	[0.046J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[190]	[1400J]	[1100]	[1500]	[1300]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3241-04 SB915-MH-18 07/26/2016 Regular Sample	SB915-3249-02 SB915-MH-18 10/05/2016 Regular Sample	SB915-3232-06 SB915-MH-18 04/27/2016 Regular Sample	SB915-3223-05 SB915-MH-18 02/05/2016 Regular Sample	SB915-3200-09 SB915-MH-18 04/24/2015 Regular sample	SB915-3216-08 SB915-MH-18 10/14/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						[0.035J]
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1J]	[1J]	[1.5J]			[1.5J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						[0.73J]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L						
MERCURY	0.00070 (S)	mg/L	[0.00079]				[0.0015J]	
NICKEL	0.1 (S)	mg/L	[0.1J]					[0.14J]
SELENIUM	0.01 (S)	mg/L					[0.022J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1100]	[1100]	[1800J]	[520]	[1700]	[1600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3208-11 SB915-MH-18 07/16/2015 Regular sample	SB915-3187-08 SB915-MH-18 02/06/2015 Regular sample	SB915-3085-01 SB915-MH-18 05/11/2012 Regular sample	SB915-3091-09 SB915-MH-18 08/23/2012 Regular sample	SB915-3120-02 SB915-MH-18 05/01/2013 Regular sample	SB915-3141-04 SB915-MH-18 10/24/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.4J]	[1.4J]	[1.1]		[1.34]	[1.68]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.88J]					[0.927]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L					[2.17]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						[0.0248J]
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1600]	[1700]	[1200]	[1800]	[1460]	[1840]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3146-07 SB915-MH-18 01/30/2014 Regular sample	SB915-3161-06 SB915-MH-18 04/29/2014 Regular sample	SB915-3170-09 SB915-MH-18 07/15/2014 Regular sample	SB915-3179-01 SB915-MH-18 10/13/2014 Regular sample	SB915-3103-03 SB915-MH-18 12/11/2012 Regular sample	SB915-3125-01 SB915-MH-18 07/17/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L	[0.0096J]					
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.7]	[1.4]	[1.4]	[1.7]		[1.94J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L				[0.32]		[3.45]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L		[0.39]				
MERCURY	0.00070 (S)	mg/L		NA				[0.000964]
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1800]	[1700]	[1500]	[1700]	[210]	[2070]
THALLIUM	0.00050 (G)	mg/L	[0.012J]					

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3276-08 SB915-PCP-01 04/25/2017 Regular Sample	SB915-3280-11 SB915-PCP-01 07/20/2017 Regular Sample	SB915-3287-04 SB915-PCP-01 10/05/2017 Regular Sample	SB915-3266-04 SB915-PCP-01 02/10/2017 Regular Sample	SB915-3241-11 SB915-PCP-01 07/26/2016 Regular Sample	SB915-3251-02 SB915-PCP-01 10/06/2016 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						[1.1J]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L				[0.45]		
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.047J]			
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[540J]	[1300]	[960]	[590]	[1000]	[1200]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3232-01 SB915-PCP-01 04/27/2016 Regular Sample	SB915-3222-05 SB915-PCP-01 02/04/2016 Regular Sample	SB915-3200-11 SB915-PCP-01 04/24/2015 Regular sample	SB915-3216-12 SB915-PCP-01 10/14/2015 Regular sample	SB915-3206-01 SB915-PCP-01 07/15/2015 Regular sample	SB915-3187-11 SB915-PCP-01 02/06/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L						
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L			[0.55]			[2]
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.019J]		[0.047J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[780J]	[250]	[590]	[1200]	[1000]	[1500]
THALLIUM	0.00050 (G)	mg/L				[0.017J]		

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3083-07 SB915-PCP-01 05/09/2012 Regular sample	SB915-3119-02 SB915-PCP-01 05/01/2013 Regular sample	SB915-3138-02 SB915-PCP-01 10/22/2013 Regular sample	SB915-3146-09 SB915-PCP-01 01/30/2014 Regular sample	SB915-3161-08 SB915-PCP-01 04/29/2014 Regular sample	SB915-3170-12 SB915-PCP-01 07/15/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L				[0.013]		
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L						[1]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[0.42]		[0.867]	[0.3]		
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.49]		[0.725]		[0.47]	
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L			[0.0288J]		[0.018J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[620]	[853]	[1290]	[1100]	[720]	[1400]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3179-04 SB915-PCP-01 10/13/2014 Regular sample	SB915-3105-04 SB915-PCP-01 12/12/2012 Regular sample	SB915-3125-09 SB915-PCP-01 07/17/2013 Regular sample	SB915-3276-07 SB915-PCP-02 04/25/2017 Regular Sample	SB915-3280-10 SB915-PCP-02 07/20/2017 Regular Sample	SB915-3287-01 SB915-PCP-02 10/05/2017 Regular Sample
ANTIMONY	0.003 (S)	mg/L						
ARSENIC	0.025 (S)	mg/L						
BARIUM	1.0 (S)	mg/L	[1.3J]				[1.7J]	[2.4]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[1.8]				[0.74J]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L	[62]					
MANGANESE	0.3 (S)	mg/L	[4.9]	[1.1]				[0.55]
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L					[0.052J]	
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[2000]	[750]	[1280]	[1100J]	[2300]	[3600]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3266-03 SB915-PCP-02 02/10/2017 Regular Sample	SB915-3241-10 SB915-PCP-02 07/26/2016 Regular Sample	SB915-3251-01 SB915-PCP-02 10/06/2016 Regular Sample	SB915-3232-02 SB915-PCP-02 04/27/2016 Regular Sample	SB915-3222-04 SB915-PCP-02 02/04/2016 Regular Sample	SB915-3200-12 SB915-PCP-02 04/24/2015 Regular sample
ANTIMONY	0.003 (S)	mg/L			[0.041J]			
ARSENIC	0.025 (S)	mg/L					[0.041J]	[0.032J]
BARIUM	1.0 (S)	mg/L	[1.2J]	[1.8J]	[2.1]	[1.3J]		
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L		[0.66J]	[1.3]			
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L		[0.7]	[1.6]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L						
SILVER	0.05 (S)	mg/L						
SODIUM	20.0 (S)	mg/L	[1900]	[2700]	[3100]	[1800J]	[2700]	[1700]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3216-11 SB915-PCP-02 10/14/2015 Regular sample	SB915-3206-02 SB915-PCP-02 07/15/2015 Regular sample	SB915-3187-12 SB915-PCP-02 02/06/2015 Regular sample	SB915-3119-01 SB915-PCP-02 05/01/2013 Regular sample	SB915-3138-01 SB915-PCP-02 10/22/2013 Regular sample	SB915-3146-08 SB915-PCP-02 01/30/2014 Regular sample
ANTIMONY	0.003 (S)	mg/L						[0.045J]
ARSENIC	0.025 (S)	mg/L	[0.059J]					
BARIUM	1.0 (S)	mg/L	[2.5]	[1.4J]	[3]	[1.34]	[2.54]	[2]
COPPER	0.2 (S)	mg/L						
IRON	0.3 (S)	mg/L	[1.2]		[1.9]		[0.36]	[0.77J]
LEAD	0.025 (S)	mg/L						
MAGNESIUM	35.0 (G)	mg/L						
MANGANESE	0.3 (S)	mg/L	[0.66]		[0.52]			
MERCURY	0.00070 (S)	mg/L						
NICKEL	0.1 (S)	mg/L						
SELENIUM	0.01 (S)	mg/L		[0.04J]			[0.0604]	
SILVER	0.05 (S)	mg/L					[0.082]	
SODIUM	20.0 (S)	mg/L	[3700]	[2100]	[4600]	[1820]	[3870]	[3000]
THALLIUM	0.00050 (G)	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-17
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Inorganic Compound Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3161-07 SB915-PCP-02 04/29/2014 Regular sample	SB915-3170-10 SB915-PCP-02 07/15/2014 Regular sample	SB915-3179-03 SB915-PCP-02 10/13/2014 Regular sample	SB915-3125-08 SB915-PCP-02 07/17/2013 Regular sample
ANTIMONY	0.003 (S)	mg/L				
ARSENIC	0.025 (S)	mg/L				
BARIUM	1.0 (S)	mg/L		[2.2]	[2.8]	[1.73J]
COPPER	0.2 (S)	mg/L				
IRON	0.3 (S)	mg/L			[1.3]	
LEAD	0.025 (S)	mg/L				
MAGNESIUM	35.0 (G)	mg/L				
MANGANESE	0.3 (S)	mg/L			[0.47]	
MERCURY	0.00070 (S)	mg/L				
NICKEL	0.1 (S)	mg/L				
SELENIUM	0.01 (S)	mg/L	[0.017J]		[0.05J]	
SILVER	0.05 (S)	mg/L				
SODIUM	20.0 (S)	mg/L	[1300]	[3600]	[4100]	[2390]
THALLIUM	0.00050 (G)	mg/L				

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3199-01 SB915-MH-01 04/23/2015 Regular sample	SB915-3215-01 SB915-MH-01 10/13/2015 Regular sample	SB915-3206-03 SB915-MH-01 07/15/2015 Regular sample	SB915-3186-01 SB915-MH-01 02/05/2015 Regular sample	SB915-3242-12 SB915-MH-01 07/27/2016 Regular Sample	SB915-3250-12 SB915-MH-01 10/06/2016 Regular Sample
BROMIDE	2(G)	mg/L		[2.0J]				
CHLORIDE	250	mg/L	[2100]	[4300]	[1700]	[1700]	[4900]	[3100]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[12]	[10J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4000]	[7900]	[4900]	[4700]	[9700]	[7100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[1.0J]	[0.86]	[1.0]	[1.0]	[0.78]	[0.76J]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.

NA = Analyte not analyzed for; NC = No applicable criteria.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3233-12 SB915-MH-01 04/28/2016 Regular Sample	SB915-3221-01 SB915-MH-01 02/04/2016 Regular Sample	SB915-3276-06 SB915-MH-01 04/25/2017 Regular Sample	SB915-3289-10 SB915-MH-01 10/06/2017 Regular Sample	SB915-3280-09 SB915-MH-01 07/20/2017 Regular Sample	SB915-3266-02 SB915-MH-01 02/10/2017 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250	mg/L	[1900]	[1200]	[1300]	[3400]	[1900]	[1600]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[11]		[8.3J]	[9.1J]	[8.7J]	[8.9]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[3400]	[2200]	[3300]	[6400]	[4000]	[3300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.97]	[0.52]	[0.79]	[0.69]	[2.0J-]	[0.60J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3090-01 SB915-MH-01 08/22/2012 Regular sample	SB915-3102-01 SB915-MH-01 12/11/2012 Regular sample	SB915-3083-01 SB915-MH-01 05/09/2012 Regular sample	SB915-3119-03 SB915-MH-01 5/1/2013 Regular sample	SB915-3123A-01 SB915-MH-01 7/16/2013 Regular sample	SB915-3123A-02 SB915-MH-01 7/16/2013 Regular sample
BROMIDE	2(G)	mg/L	[2.3]		[2.3]			
CHLORIDE	250	mg/L	[6700]	[320]	[3500]	[4770]		[2740]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[15000]	[800]	[6200]	[7640]	[NA]	[5560]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.78J]	[0.018]	[0.64J]	[0.784]	[0.93]	

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3139-01 SB915-MH-01 10/23/2013 Regular sample	SB915-3144-01 SB915-MH-01 1/29/2014 Regular sample	SB915-3159-01 SB915-MH-01 04/28/2014 Regular sample	SB915-3169-01 SB915-MH-01 07/14/2014 Regular sample	SB915-3176-01 SB915-MH-01 10/08/2014 Regular sample	SB915-3199-02 SB915-MH-02 04/23/2015 Regular sample
BROMIDE	2(G)	mg/L	[2.7J]			[5.8J-]		
CHLORIDE	250	mg/L	[5260]	[2400]	[1700]	[3900]	[2800]	[1900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8540]	[3900]	[3300]	[6700]	[5200]	[3900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.75]	[1.0]	[0.92]	[0.81J]	[0.62]	[1.0J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3215-02 SB915-MH-02 10/13/2015 Regular sample	SB915-3206-05 SB915-MH-02 07/15/2015 Regular sample	SB915-3186-02 SB915-MH-02 02/05/2015 Regular sample	SB915-3242-11 SB915-MH-02 07/27/2016 Regular Sample	SB915-3250-11 SB915-MH-02 10/06/2016 Regular Sample	SB915-3233-11 SB915-MH-02 04/28/2016 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250	mg/L	[3200]	[1800]	[1600]	[4800]	[3700]	[1700]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[11]	[10J]	[9.5]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7400]	[5500]	[5900]	[9800]	[7200]	[3400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.85]	[1.0]	[1.1]	[0.75]	[0.89J]	[0.97]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.

NA = Analyte not analyzed for; NC = No applicable criteria.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3221-02 SB915-MH-02 02/04/2016 Regular Sample	SB915-3276-05 SB915-MH-02 04/25/2017 Regular Sample	SB915-3289-09 SB915-MH-02 10/06/2017 Regular Sample	SB915-3280-08 SB915-MH-02 07/20/2017 Regular Sample	SB915-3266-01 SB915-MH-02 02/10/2017 Regular Sample	SB915-3090-02 SB915-MH-02 08/22/2012 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250	mg/L	[1300]	[1200]	[3200]	[1900]	[1700]	[6100]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[8.5J]	[8.0J]	[8.5]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[2200]	[3200]	[6800]	[3900]	[3200]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.51]	[0.70]	[0.67]	[2.6J-]	[0.64J-]	[0.17J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3102-02 SB915-MH-02 12/11/2012 Regular sample	SB915-3083-02 SB915-MH-02 05/09/2012 Regular sample	SB915-3119-04 SB915-MH-02 5/1/2013 Regular sample	SB915-3123A-03 SB915-MH-02 7/16/2013 Regular sample	SB915-3139-02 SB915-MH-02 10/23/2013 Regular sample	SB915-3144-02 SB915-MH-02 1/29/2014 Regular sample
BROMIDE	2(G)	mg/L		[2.3]			[2.1J]	
CHLORIDE	250	mg/L	[360]	[3500]	[1300]	[2760]	[4950]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[790]	[6400]	[2520]	[5770]	[8540]	[4000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.021]	[0.67J]	[0.787]	[0.92]	[0.62]	[0.90]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.

NA = Analyte not analyzed for; NC = No applicable criteria.

[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3159-02 SB915-MH-02 04/28/2014 Regular sample	SB915-3169-02 SB915-MH-02 07/14/2014 Regular sample	SB915-3176-02 SB915-MH-02 10/08/2014 Regular sample	SB915-3199-03 SB915-MH-03 04/23/2015 Regular sample	SB915-3215-03 SB915-MH-03 10/13/2015 Regular sample	SB915-3206-08 SB915-MH-03 07/15/2015 Regular sample
BROMIDE	2(G)	mg/L				[2.4J]		[3.2J]
CHLORIDE	250	mg/L	[1700]	[4100]	[2900]	[4200]	[8500]	[5500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[3300]	[7000]	[5000]	[8100]	[16000]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.91]	[0.78J]	[0.56]	[0.31J]	[0.44]	[0.56]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3186-03 SB915-MH-03 02/05/2015 Regular sample	SB915-3242-10 SB915-MH-03 07/27/2016 Regular Sample	SB915-3250-10 SB915-MH-03 10/06/2016 Regular Sample	SB915-3233-10 SB915-MH-03 04/28/2016 Regular Sample	SB915-3221-03 SB915-MH-03 02/04/2016 Regular Sample	SB915-3276-04 SB915-MH-03 04/25/2017 Regular Sample
BROMIDE	2(G)	mg/L		[4.3J]	[2.0J]	[4.2J]	[3.1J]	
CHLORIDE	250	mg/L	[1700]	[12000]	[6800]	[5700]	[4000]	[3500]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[8.4]	[8.4J]	[6.5]		[5.0J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[15000]	[24000]	[13000]	[10000]	[7000]	[8600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.38]	[0.30]	[0.49J]	[0.38]	[0.27]	[0.31]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3289-08 SB915-MH-03 10/06/2017 Regular Sample	SB915-3280-07 SB915-MH-03 07/20/2017 Regular Sample	SB915-3265-12 SB915-MH-03 02/10/2017 Regular Sample	SB915-3090-03 SB915-MH-03 08/22/2012 Regular sample	SB915-3102-03 SB915-MH-03 12/11/2012 Regular sample	SB915-3083-03 SB915-MH-03 05/09/2012 Regular sample
BROMIDE	2(G)	mg/L	[7.3J]	[2.1J]		[5.3]		[2.6]
CHLORIDE	250	mg/L	[16000]	[4800]	[4100]	[16000]	[4200]	[4900]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[8.4J]	[7.5J]	[6.1]			
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[19000]	[9400]	[7400]	[33000]	[3800]	[9000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.33]	[0.42J-]	[0.36J-]	[0.28J]	[0.018]	[0.54J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3119-05 SB915-MH-03 5/1/2013 Regular sample	SB915-3123A-05 SB915-MH-03 7/16/2013 Regular sample	SB915-3139-03 SB915-MH-03 10/23/2013 Regular sample	SB915-3144-03 SB915-MH-03 1/29/2014 Regular sample	SB915-3159-03 SB915-MH-03 04/28/2014 Regular sample	SB915-3169-03 SB915-MH-03 07/14/2014 Regular sample
BROMIDE	2(G)	mg/L	[2.5]	[2.9]	[8.8J]		[2.1J]	[14J-]
CHLORIDE	250	mg/L	[5440]	[6200]	[10000]	[5400]	[4800]	[8900]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[10100]	[11600]	[19700]	[9200]	[1800]	[16000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.444]	[0.52]	[0.25J]	[0.46]	[0.35]	[0.39]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3176-03 SB915-MH-03 10/08/2014 Regular sample	SB915-3199-04 SB915-MH-04 04/23/2015 Regular sample	SB915-3215-04 SB915-MH-04 10/13/2015 Regular sample	SB915-3206-09 SB915-MH-04 07/15/2015 Regular sample	SB915-3186-04 SB915-MH-04 02/05/2015 Regular sample	SB915-3242-09 SB915-MH-04 07/27/2016 Regular Sample
BROMIDE	2(G)	mg/L	[6.1J]	[2.3J]		[4.6J]		[4.5J]
CHLORIDE	250	mg/L	[14000]	[3800]	[9500]	[5600]	[1600]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[7.7]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[25000]	[7600]	[17000]	[14000]	[14000]	[25000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.23]	[0.20J]	[0.31]	[0.38]	[0.25]	[0.18]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3250-09 SB915-MH-04 10/06/2016 Regular Sample	SB915-3233-09 SB915-MH-04 04/28/2016 Regular Sample	SB915-3221-04 SB915-MH-04 02/04/2016 Regular Sample	SB915-3276-03 SB915-MH-04 04/25/2017 Regular Sample	SB915-3289-07 SB915-MH-04 10/06/2017 Regular Sample	SB915-3280-06 SB915-MH-04 07/20/2017 Regular Sample
BROMIDE	2(G)	mg/L	[2.3J]	[4.3J]	[3.0J]		[5.7J]	[2.3J]
CHLORIDE	250	mg/L	[7100]	[5700]	[4100]	[3300]	[18000]	[5000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.9J]	[4.8]		[4.6J]	[6.9J]	[6.5J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[16000]	[10000]	[7300]	[8700]	[21000]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.39J]	[0.26]	[0.19]	[0.22]	[0.22]	[0.39J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3265-11 SB915-MH-04 02/10/2017 Regular Sample	SB915-3090-05 SB915-MH-04 08/22/2012 Regular sample	SB915-3102-04 SB915-MH-04 12/11/2012 Regular sample	SB915-3084-01 SB915-MH-04 05/10/2012 Regular sample	SB915-3119-08 SB915-MH-04 5/1/2013 Regular sample	SB915-3123A-06 SB915-MH-04 7/16/2013 Regular sample
BROMIDE	2(G)	mg/L		[5.3]	[2.5]	[2.7]	[2.5]	[2.9]
CHLORIDE	250	mg/L	[3800]	[17000]	[6000]	[6700B]	[5510]	[6680]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[5.4]					
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7400]	[34000]	[4800]	[13000]	[9080]	[13200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.26J-]	[0.81J]	[0.015]	[0.53J]	[0.340]	[0.39]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3139-04 SB915-MH-04 10/23/2013 Regular sample	SB915-3144-04 SB915-MH-04 1/29/2014 Regular sample	SB915-3159-06 SB915-MH-04 04/28/2014 Regular sample	SB915-3173-02 SB915-MH-04 07/18/2014 Regular sample	SB915-3176-04 SB915-MH-04 10/08/2014 Regular sample	SB915-3199-05 SB915-MH-05 04/23/2015 Regular sample
BROMIDE	2(G)	mg/L	[4.7J]		[2.1J]		[5.7J]	[2.3J]
CHLORIDE	250	mg/L	[10800]	[5400]	[4500]	[9400]	[13000]	[3800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[22400]	[9700]	[7800]	[18000]	[24000]	[7500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21J]	[0.29]	[0.23]	[0.25J]	[0.21]	[0.21J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3215-05 SB915-MH-05 10/13/2015 Regular sample	SB915-3206-10 SB915-MH-05 07/15/2015 Regular sample	SB915-3186-05 SB915-MH-05 02/05/2015 Regular sample	SB915-3242-06 SB915-MH-05 07/27/2016 Regular Sample	SB915-3250-08 SB915-MH-05 10/06/2016 Regular Sample	SB915-3233-08 SB915-MH-05 04/28/2016 Regular Sample
BROMIDE	2(G)	mg/L		[3.6J]		[11J]	[2.1J]	[5.0]
CHLORIDE	250	mg/L	[9100]	[5800]	[1600]	[12000]	[7300]	[5700]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[6.8]	[7.6J]	[5.6]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[17000]	[14000]	[14000]	[24000]	[16000]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.32]	[0.40]	[0.25]	[0.18]	[0.39J]	[0.26]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3221-05 SB915-MH-05 02/04/2016 Regular Sample	SB915-3276-02 SB915-MH-05 04/25/2017 Regular Sample	SB915-3289-06 SB915-MH-05 10/06/2017 Regular Sample	SB915-3280-05 SB915-MH-05 07/20/2017 Regular Sample	SB915-3265-10 SB915-MH-05 02/10/2017 Regular Sample	SB915-3090-06 SB915-MH-05 08/22/2012 Regular sample
BROMIDE	2(G)	mg/L	[3.4J]		[5.6J]	[2.3J]		[5.2]
CHLORIDE	250	mg/L	[4200]	[3100]	[17000]	[5000]	[3900]	[16000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[4.5J]	[6.8J]	[6.7J]	[5.2]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7100]	[8600]	[21000]	[10000]	[7200]	[34000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.20]	[0.23]	[0.21]	[0.34J-]	[0.23J-]	[0.16J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3102-06 SB915-MH-05 12/11/2012 Regular sample	SB915-3084-02 SB915-MH-05 05/10/2012 Regular sample	SB915-3119-09 SB915-MH-05 5/1/2013 Regular sample	SB915-3123A-07 SB915-MH-05 7/16/2013 Regular sample	SB915-3139-06 SB915-MH-05 10/23/2013 Regular sample	SB915-3144-05 SB915-MH-05 1/29/2014 Regular sample
BROMIDE	2(G)	mg/L		[2.7]	[2.4]	[2.9]	[9.0J]	
CHLORIDE	250	mg/L	[3100]	[6200B]	[5570]	[6720]	[10700]	[5500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[5100]	[13000]	[8240]	[13300]	[23000]	[9800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.017]	[0.48J]	[0.322]	[0.39]	[0.21J]	[0.30]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3159-07 SB915-MH-05 04/28/2014 Regular sample	SB915-3169-05 SB915-MH-05 07/14/2014 Regular sample	SB915-3176-05 SB915-MH-05 10/08/2014 Regular sample	SB915-3199-06 SB915-MH-06 04/23/2015 Regular sample	SB915-3215-06 SB915-MH-06 10/13/2015 Regular sample	SB915-3206-11 SB915-MH-06 07/15/2015 Regular sample
BROMIDE	2(G)	mg/L	[2.0J]		[5.8J]	[2.2J]		[3.5J]
CHLORIDE	250	mg/L	[4400]	[350]	[13000]	[3900]	[9100]	[5700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8000]	[16000]	[23000]	[7800]	[17000]	[15000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21]	[0.28J]	[0.20]	[0.20J]	[0.31]	[0.36]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3186-06 SB915-MH-06 02/05/2015 Regular sample	SB915-3242-05 SB915-MH-06 07/27/2016 Regular Sample	SB915-3250-07 SB915-MH-06 10/06/2016 Regular Sample	SB915-3233-06 SB915-MH-06 04/28/2016 Regular Sample	SB915-3221-06 SB915-MH-06 02/04/2016 Regular Sample	SB915-3276-01 SB915-MH-06 04/25/2017 Regular Sample
BROMIDE	2(G)	mg/L		[4.1J]	[2.1J]	[4.9J]	[3.1J]	
CHLORIDE	250	mg/L	[1600]	[12000]	[7200]	[5400]	[4200]	[3100]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[7.4]	[7.4J]	[5.5]		[4.4J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[14000]	[23000]	[15000]	[10000]	[7300]	[8300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.26]	[0.16]	[0.35J]	[0.26]	[0.20]	[0.21]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3289-05 SB915-MH-06 10/06/2017 Regular Sample	SB915-3280-04 SB915-MH-06 07/20/2017 Regular Sample	SB915-3265-09 SB915-MH-06 02/10/2017 Regular Sample	SB915-3090-09 SB915-MH-06 08/22/2012 Regular sample	SB915-3102-07 SB915-MH-06 12/11/2012 Regular sample	SB915-3084-03 SB915-MH-06 05/10/2012 Regular sample
BROMIDE	2(G)	mg/L	[5.6J]	[2.3J]		[5.2]		[2.7]
CHLORIDE	250	mg/L	[17000]	[5000]	[3900]	[16000]	[3700]	[6600B]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.4J]	[6.7J]	[5.3]			
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[22000]	[10000]	[7400]	[35000]	[6300]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19]	[0.38J-]	[0.22J-]	[0.13J]	[0.064]	[0.46J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3119-10 SB915-MH-06 5/1/2013 Regular sample	SB915-3123A-08 SB915-MH-06 7/16/2013 Regular sample	SB915-3139-07 SB915-MH-06 10/23/2013 Regular sample	SB915-3144-06 SB915-MH-06 1/29/2014 Regular sample	SB915-3159-08 SB915-MH-06 04/28/2014 Regular sample	SB915-3173-05 SB915-MH-06 07/18/2014 Regular sample
BROMIDE	2(G)	mg/L	[2.5]	[2.9]	[8.8J]		[2.1J]	
CHLORIDE	250	mg/L	[5430]	[6620]	[10500]	[5100]	[4300]	[9100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8850]	[12100]	[23000]	[9600]	[7500]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.334]	[0.36]	[0.18J]	[0.33]	[0.20]	[0.25J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3177-01 SB915-MH-06 10/09/2014 Regular sample	SB915-3199-09 SB915-MH-07 04/23/2015 Regular sample	SB915-3215-08 SB915-MH-07 10/13/2015 Regular sample	SB915-3206-12 SB915-MH-07 07/15/2015 Regular sample	SB915-3186-08 SB915-MH-07 02/05/2015 Regular sample	SB915-3242-04 SB915-MH-07 07/27/2016 Regular Sample
BROMIDE	2(G)	mg/L	[6.1J]	[2.3J]		[3.6J]		[10J]
CHLORIDE	250	mg/L	[14000]	[3800]	[8700]	[5600]	[1600]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[8.0]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[27000]	[7200]	[17000]	[15000]	[14000]	[24000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.17]	[0.20J]	[0.36]	[0.47]	[0.25]	[0.20]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3250-06 SB915-MH-07 10/06/2016 Regular Sample	SB915-3233-05 SB915-MH-07 04/28/2016 Regular Sample	SB915-3221-09 SB915-MH-07 02/04/2016 Regular Sample	SB915-3275-03 SB915-MH-07 04/24/2017 Regular Sample	SB915-3289-04 SB915-MH-07 10/06/2017 Regular Sample	SB915-3280-03 SB915-MH-07 07/20/2017 Regular Sample
BROMIDE	2(G)	mg/L	[2.0J]	[4.9J]	[3.3J]	[3.3J]	[5.4J]	[2.3J]
CHLORIDE	250	mg/L	[7200]	[5500]	[4000]	[3500]	[17000]	[5000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[7.9J]	[5.3]		[4.5J]	[7.9J]	[5.9J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[14000]	[10000]	[7400]	[8200]	[21000]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.43J]	[0.23]	[0.20]	[0.24]	[0.17]	[0.37J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3265-08 SB915-MH-07 02/10/2017 Regular Sample	SB915-3090-10 SB915-MH-07 08/22/2012 Regular sample	SB915-3103-04 SB915-MH-07 12/11/2012 Regular sample	SB915-3085-03 SB915-MH-07 05/11/2012 Regular sample	SB915-3119-11 SB915-MH-07 5/1/2013 Regular sample	SB915-3123A-09 SB915-MH-07 7/16/2013 Regular sample
BROMIDE	2(G)	mg/L		[5.0]		[2.9]	[2.6]	[3.0]
CHLORIDE	250	mg/L	[3800]	[16000]	[3300]	[6100]	[5350]	[6790]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[5.3]					
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7300]	[37000]	[5500]	[17000]	[8580]	[11500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.23J-]	[0.12J]	[0.026]	[0.56J]	[0.331]	[0.38]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3139-08 SB915-MH-07 10/23/2013 Regular sample	SB915-3144-09 SB915-MH-07 1/29/2014 Regular sample	SB915-3159-09 SB915-MH-07 04/28/2014 Regular sample	SB915-3174-01 SB915-MH-07 07/18/2014 Regular sample	SB915-3177-02 SB915-MH-07 10/09/2014 Regular sample	SB915-3199-10 SB915-MH-08 04/23/2015 Regular sample
BROMIDE	2(G)	mg/L	[4.8J]		[2.0J]		[5.4J]	[2.2J]
CHLORIDE	250	mg/L	[9950]	[5400]	[4300]	[9100]	[13000]	[3800]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[21100]	[9600]	[7900]	[18000J-]	[25000]	[7200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.18J]	[0.32]	[0.20]	[0.27J]	[0.16]	[0.21J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3215-09 SB915-MH-08 10/13/2015 Regular sample	SB915-3208-01 SB915-MH-08 07/16/2015 Regular sample	SB915-3186-09 SB915-MH-08 02/05/2015 Regular sample	SB915-3242-03 SB915-MH-08 07/27/2016 Regular Sample	SB915-3250-05 SB915-MH-08 10/06/2016 Regular Sample	SB915-3233-04 SB915-MH-08 04/28/2016 Regular Sample
BROMIDE	2(G)	mg/L		[8.0]		[4.2J]	[2.0J]	
CHLORIDE	250	mg/L	[9000]	[5700]	[1700]	[12000]	[7400]	[5600]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[7.9]	[7.8J]	[5.1]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[17000]	[11000]	[14000]	[24000]	[14000]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.30]	[0.39]	[0.25]	[0.15]	[0.41J]	[0.25]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3221-10 SB915-MH-08 02/04/2016 Regular Sample	SB915-3275-02 SB915-MH-08 04/24/2017 Regular Sample	SB915-3289-03 SB915-MH-08 10/06/2017 Regular Sample	SB915-3280-02 SB915-MH-08 07/20/2017 Regular Sample	SB915-3265-07 SB915-MH-08 02/10/2017 Regular Sample	SB915-3090-11 SB915-MH-08 08/22/2012 Regular sample
BROMIDE	2(G)	mg/L	[3.1J]	[3.2J]	[5.8J]	[2.5J]		[5.2]
CHLORIDE	250	mg/L	[4300]	[3400]	[17000]	[5500]	[3700]	[15000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[4.6J]	[7.5J]	[6.0J]	[5.4]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7100]	[7800]	[22000]	[10000]	[7400]	[36000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19]	[0.21]	[0.18]	[0.35J-]	[0.19J-]	[0.12J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3090-11 SB915-MH-08 08/22/2012 Regular sample	SB915-3102-08 SB915-MH-08 12/11/2012 Regular sample	SB915-3084-04 SB915-MH-08 05/10/2012 Regular sample	SB915-3120-05 SB915-MH-08 5/1/2013 Regular sample	SB915-3123A-10 SB915-MH-08 7/16/2013 Regular sample	SB915-3139-09 SB915-MH-08 10/23/2013 Regular sample
BROMIDE	2(G)	mg/L	[5.2]		[2.9]	[2.4]	[3.0]	[6.9J]
CHLORIDE	250	mg/L	[15000]	[2400]	[5900B]	[5750]	[6600]	[9670]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[36000]	[4600]	[12000]	[8650]	[13600]	[21100]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.12J]	[0.018]	[0.51J]	[0.319]	[0.38]	[0.17J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3144-10 SB915-MH-08 1/29/2014 Regular sample	SB915-3159-10 SB915-MH-08 04/28/2014 Regular sample	SB915-3173-06 SB915-MH-08 07/18/2014 Regular sample	SB915-3177-03 SB915-MH-08 10/09/2014 Regular sample	SB915-3199-11 SB915-MH-09 04/23/2015 Regular sample	SB915-3215-10 SB915-MH-09 10/13/2015 Regular sample
BROMIDE	2(G)	mg/L		[2.1J]		[5.3J]	[2.3J]	
CHLORIDE	250	mg/L	[5500]	[4100]	[9400]	[12000]	[3800]	[9100]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[9500]	[7400]	[18000]	[25000]	[7300]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.29]	[0.19]	[0.25J]	[0.16]	[0.21J]	[0.30]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3208-02 SB915-MH-09 07/16/2015 Regular sample	SB915-3186-10 SB915-MH-09 02/05/2015 Regular sample	SB915-3242-02 SB915-MH-09 07/27/2016 Regular Sample	SB915-3250-04 SB915-MH-09 10/06/2016 Regular Sample	SB915-3233-03 SB915-MH-09 04/28/2016 Regular Sample	SB915-3221-11 SB915-MH-09 02/04/2016 Regular Sample
BROMIDE	2(G)	mg/L	[8.4]		[4.5J]	[2.0J]		[3.2J]
CHLORIDE	250	mg/L	[6000]	[1700]	[12000]	[6700]	[6200]	[4200]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[7.7]	[7.9J]	[5.1]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[11000]	[14000]	[23000]	[14000]	[10000]	[7300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.39]	[0.27]	[0.024]	[0.40J]	[0.24]	[0.19]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3275-01 SB915-MH-09 04/24/2017 Regular Sample	SB915-3289-02 SB915-MH-09 10/06/2017 Regular Sample	SB915-3280-01 SB915-MH-09 07/20/2017 Regular Sample	SB915-3265-06 SB915-MH-09 02/10/2017 Regular Sample	SB915-3091-01 SB915-MH-09 08/23/2012 Regular sample	SB915-3102-09 SB915-MH-09 12/11/2012 Regular sample
BROMIDE	2(G)	mg/L	[2.7]	[6.0J]	[2.4J]			
CHLORIDE	250	mg/L	[3400]	[18000]	[5000]	[3800]	[16000]	[2300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.4J]	[7.0J]	[6.0J]	[5.0]		
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8000]	[21000]	[10000]	[7400]	[36000]	[4700]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19]	[0.16]	[0.35J-]	[0.24J-]	[0.12J]	[0.017]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-05 SB915-MH-09 05/10/2012 Regular sample	SB915-3119-12 SB915-MH-09 5/1/2013 Regular sample	SB915-3123A-11 SB915-MH-09 7/16/2013 Regular sample	SB915-3139-10 SB915-MH-09 10/23/2013 Regular sample	SB915-3144-11 SB915-MH-09 1/29/2014 Regular sample	SB915-3159-11 SB915-MH-09 04/28/2014 Regular sample
BROMIDE	2(G)	mg/L	[2.8]	[2.3]	[3.1]	[6.8J]		
CHLORIDE	250	mg/L	[5800B]	[5420]	[6620]	[10100]	[5400]	[4500]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[11000]	[8540]	[9750]	[21600]	[9800]	[7800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.43J]	[0.328]	[0.38]	[0.15J]	[0.31]	[0.24]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3169-09 SB915-MH-09 07/14/2014 Regular sample	SB915-3177-04 SB915-MH-09 10/09/2014 Regular sample	SB915-3200-01 SB915-MH-10 04/24/2015 Regular sample	SB915-3215-11 SB915-MH-10 10/13/2015 Regular sample	SB915-3208-03 SB915-MH-10 07/16/2015 Regular sample	SB915-3187-01 SB915-MH-10 02/06/2015 Regular sample
BROMIDE	2(G)	mg/L	[15J-]	[5.2J]	[2.7J]		[10]	
CHLORIDE	250	mg/L	[8800]	[13000]	[4700]	[12000]	[7600]	[10000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[16000]	[26000]	[8900]	[22000]	[14000]	[19000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.27J]	[0.15]	[0.19]	[0.30]	[0.33]	[0.21J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3242-01 SB915-MH-10 07/27/2016 Regular Sample	SB915-3250-01 SB915-MH-10 10/06/2016 Regular Sample	SB915-3233-02 SB915-MH-10 04/28/2016 Regular Sample	SB915-3221-12 SB915-MH-10 02/04/2016 Regular Sample	SB915-3274-12 SB915-MH-10 04/24/2017 Regular Sample	SB915-3289-01 SB915-MH-10 10/06/2017 Regular Sample
BROMIDE	2(G)	mg/L	[5.1J]	[3.2J]		[4.3J]	[3.6J]	[6.2J]
CHLORIDE	250	mg/L	[14000]	[10000]	[7100]	[5300]	[4500]	[20000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.9]	[7.3J]	[5.5]		[3.9J]	[6.9J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[28000]	[21000]	[13000]	[8700]	[11000]	[28000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.11]	[0.29J]	[0.22]	[0.17]	[0.18]	[0.11]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-12 SB915-MH-10 07/20/2017 Regular Sample	SB915-3265-05 SB915-MH-10 02/10/2017 Regular Sample	SB915-3091-03 SB915-MH-10 08/23/2012 Regular sample	SB915-3102-10 SB915-MH-10 12/11/2012 Regular sample	SB915-3084-07 SB915-MH-10 05/10/2012 Regular sample	SB915-3120-01 SB915-MH-10 5/1/2013 Regular sample
BROMIDE	2(G)	mg/L	[2.9J]				[5.8]	[2.7]
CHLORIDE	250	mg/L	[6400]	[4700]	[18000]	[6200]	[8300B]	[9350]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.0J]					
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[13000]	[8700]	[40000]	[8900]	[18000]	[17000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.30J-]	[0.23J-]	[0.10J]	[0.030]	[0.37J]	[0.304]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3123A-12 SB915-MH-10 7/16/2013 Regular sample	SB915-3139-11 SB915-MH-10 10/23/2013 Regular sample	SB915-3144-12 SB915-MH-10 1/29/2014 Regular sample	SB915-3159-12 SB915-MH-10 04/28/2014 Regular sample	SB915-3169-10 SB915-MH-10 07/14/2014 Regular sample	SB915-3177-05 SB915-MH-10 10/09/2014 Regular sample
BROMIDE	2(G)	mg/L	[3.4]	[7.1J]		[2.2J]	[15J-]	[10J]
CHLORIDE	250	mg/L	[7940]	[12400]	[7000]	[5300]	[11000]	[15000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[16400]	[26400]	[11000]	[8400]	[21000]	[30000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.35]	[0.13J]	[0.25]	[0.19]	[0.23J]	[0.11]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-02 SB915-MH-11 04/24/2015 Regular sample	SB915-3216-01 SB915-MH-11 10/14/2015 Regular sample	SB915-3208-04 SB915-MH-11 07/16/2015 Regular sample	SB915-3187-02 SB915-MH-11 02/06/2015 Regular sample	SB915-3241-09 SB915-MH-11 07/26/2016 Regular Sample	SB915-3249-07 SB915-MH-11 10/05/2016 Regular Sample
BROMIDE	2(G)	mg/L	[2.8J]	[37]	[5.1J]		[12J]	[3.4J]
CHLORIDE	250	mg/L	[4900]	[15000]	[7600]	[13000]	[15000]	[12000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[6.9]	[7.4J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8900]	[30000]	[15000]	[24000]	[30000]	[24000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.19]	[0.18]	[0.35]	[0.18J-]	[0.089]	[0.24J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3233-01 SB915-MH-11 04/28/2016 Regular Sample	SB915-3222-01 SB915-MH-11 02/04/2016 Regular Sample	SB915-3274-11 SB915-MH-11 04/24/2017 Regular Sample	SB915-3288-01 SB915-MH-11 10/05/2017 Regular Sample	SB915-3279-11 SB915-MH-11 07/20/2017 Regular Sample	SB915-3265-04 SB915-MH-11 02/10/2017 Regular Sample
BROMIDE	2(G)	mg/L		[4.0J]	[4.2J]	[4.0J]	[3.0J]	
CHLORIDE	250	mg/L	[7400]	[5500]	[4600]	[15000]	[6800]	[5300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[5.4]		[4.6J]	[5.5J]	[6.1J]	[5.0]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[13000]	[9200]	[11000]	[30000]	[16000]	[9500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.20]	[0.18]	[0.18]	[0.10]	[0.33J-]	[0.22J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-18
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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3091-02 SB915-MH-11 08/23/2012 Regular sample	SB915-3102-11 SB915-MH-11 12/11/2012 Regular sample	SB915-3083-04 SB915-MH-11 05/09/2012 Regular sample	SB915-3121-01 SB915-MH-11 5/2/2013 Regular sample	SB915-3126-01 SB915-MH-11 7/18/2013 Regular sample	SB915-3139-12 SB915-MH-11 10/23/2013 Regular sample
BROMIDE	2(G)	mg/L			[3.0]	[3.5]	[3.9]	[5.9J]
CHLORIDE	250	mg/L	[20000]	[10000]	[6600]	[7930]	[8430]	[13400]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[42000]	[17000]	[13000]	[15900]	[20100]	[28900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.078J]	[0.046]	[0.29J]	[0.298]	[0.32]	[0.15J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3146-01 SB915-MH-11 1/30/2014 Regular sample	SB915-3160-01 SB915-MH-11 04/28/2014 Regular sample	SB915-3170-01 SB915-MH-11 07/15/2014 Regular sample	SB915-3177-08 SB915-MH-11 10/09/2014 Regular sample	SB915-3200-03 SB915-MH-12 04/24/2015 Regular sample	SB915-3216-02 SB915-MH-12 10/14/2015 Regular sample
BROMIDE	2(G)	mg/L		[2.2J]	[13J-]	[6.6J]	[3.3J]	
CHLORIDE	250	mg/L	[7600]	[5600]	[12000]	[17000]	[6000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[13000]	[9400]	[30000]	[33000]	[11000]	[28000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.28]	[0.22]	[0.24J-]	[0.10]	[0.16]	[0.15]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3208-05 SB915-MH-12 07/16/2015 Regular sample	SB915-3187-03 SB915-MH-12 02/06/2015 Regular sample	SB915-3241-08 SB915-MH-12 07/26/2016 Regular Sample	SB915-3249-06 SB915-MH-12 10/05/2016 Regular Sample	SB915-3232-11 SB915-MH-12 04/27/2016 Regular Sample	SB915-3222-02 SB915-MH-12 02/04/2016 Regular Sample
BROMIDE	2(G)	mg/L	[5.8J]		[12J]	[4.1J]		[4.2J]
CHLORIDE	250	mg/L	[9500]	[15000]	[17000]	[14000]	[10000]	[6300]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[5.9]	[6.8J]	[4.3]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[19000]	[27000]	[31000]	[29000]	[20000]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.35]	[0.15J-]	[0.080]	[0.22J]	[0.15]	[0.12]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3274-10 SB915-MH-12 04/24/2017 Regular Sample	SB915-3287-12 SB915-MH-12 10/05/2017 Regular Sample	SB915-3279-10 SB915-MH-12 07/20/2017 Regular Sample	SB915-3265-03 SB915-MH-12 02/10/2017 Regular Sample	SB915-3091-04 SB915-MH-12 08/23/2012 Regular sample	SB915-3102-12 SB915-MH-12 12/11/2012 Regular sample
BROMIDE	2(G)	mg/L	[6.3]	[5.0J]	[3.4J]			
CHLORIDE	250	mg/L	[6100]	[18000]	[8900]	[6300]	[26000]	[9300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.7J]	[4.6J]	[5.3J]	[4.6]		
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[13000]	[34000]	[19000]	[11000]	[54000]	[13000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.16]	[0.068]	[0.33J-]	[0.17J-]	[0.11J]	[0.024]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3084-08 SB915-MH-12 05/10/2012 Regular sample	SB915-3121-02 SB915-MH-12 5/2/2013 Regular sample	SB915-3126-02 SB915-MH-12 7/18/2013 Regular sample	SB915-3140-03 SB915-MH-12 10/23/2013 Regular sample	SB915-3146-03 SB915-MH-12 1/30/2014 Regular sample	SB915-3160-02 SB915-MH-12 04/28/2014 Regular sample
BROMIDE	2(G)	mg/L	[5.8]	[3.7]	[5.5]	[7.3J]		[2.6J]
CHLORIDE	250	mg/L	[9600B]	[9100]	[10300]	[18400]	[9000]	[7200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[19000]	[18300]	[23700]	[32900]	[17000]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.24J]	[0.265]	[0.26]	[0.05J]	[0.24]	[0.17]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3170-04 SB915-MH-12 07/15/2014 Regular sample	SB915-3178-01 SB915-MH-12 10/10/2014 Regular sample	SB915-3200-04 SB915-MH-13 04/24/2015 Regular sample	SB915-3216-03 SB915-MH-13 10/14/2015 Regular sample	SB915-3208-06 SB915-MH-13 07/16/2015 Regular sample	SB915-3187-04 SB915-MH-13 02/06/2015 Regular sample
BROMIDE	2(G)	mg/L	[18J-]	[11J]	[3.2J]		[5.3J]	
CHLORIDE	250	mg/L	[14000]	[20000]	[5600]	[13000]	[9400]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[31000]	[39000]	[11000]	[28000]	[19000]	[24000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.16J]	[0.087]	[0.17]	[3.1]	[0.28]	[0.15J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3241-07 SB915-MH-13 07/26/2016 Regular Sample	SB915-3249-05 SB915-MH-13 10/05/2016 Regular Sample	SB915-3232-10 SB915-MH-13 04/27/2016 Regular Sample	SB915-3222-03 SB915-MH-13 02/04/2016 Regular Sample	Sb915-3274-09 SB915-MH-13 04/24/2017 Regular Sample	SB915-3287-11 SB915-MH-13 10/05/2017 Regular Sample
BROMIDE	2(G)	mg/L	[14]	[4.1J]		[3.9J]	[5.9]	[5.0J]
CHLORIDE	250	mg/L	[18000]	[13000]	[9600]	[6900]	[5900]	[17000]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[6.5]	[6.8J]	[4.4]		[3.9J]	[5.3J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[35000]	[29000]	[18000]	[11000]	[13000]	[36000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.078]	[0.23J]	[0.15]	[0.12]	[0.15]	[0.067]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-07 SB915-MH-13 07/20/2017 Regular Sample	SB915-3265-02 SB915-MH-13 02/10/2017 Regular Sample	SB915-3091-05 SB915-MH-13 08/23/2012 Regular sample	SB915-3103-05 SB915-MH-13 12/11/2012 Regular sample	SB915-3084-09 SB915-MH-13 05/10/2012 Regular sample	SB915-3121-04 SB915-MH-13 5/2/2013 Regular sample
BROMIDE	2(G)	mg/L	[3.5J]	[2.1J]			[5.8]	[3.4]
CHLORIDE	250	mg/L	[8900]	[6200]	[22000]	[8800]	[9300B]	[8640]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.7J]	[4.4]				
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[18000]	[12000]	[51000]	[12000]	[17000]	[16300]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.24J-]	[0.19J-]	[0.070J]	[0.022]	[0.25J]	[0.268]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3126-03 SB915-MH-13 7/18/2013 Regular sample	SB915-3140-04 SB915-MH-13 10/23/2013 Regular sample	SB915-3146-04 SB915-MH-13 1/30/2014 Regular sample	SB915-3160-03 SB915-MH-13 04/28/2014 Regular sample	SB915-3170-05 SB915-MH-13 07/15/2014 Regular sample	SB915-3178-02 SB915-MH-13 10/10/2014 Regular sample
BROMIDE	2(G)	mg/L	[5.7]	[7.2J]		[2.5J]	[18J-]	[11J]
CHLORIDE	250	mg/L	[10000]	[14800]	[8700]	[7000]	[13000]	[20000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[23800]	[34300]	[16000]	[11000]	[28000]	[56000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.28]	[0.08J]	[0.22]	[0.17]	[0.15J]	[0.074]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3200-05 SB915-MH-14 04/24/2015 Regular sample	SB915-3216-04 SB915-MH-14 10/14/2015 Regular sample	SB915-3208-07 SB915-MH-14 07/16/2015 Regular sample	SB915-3187-05 SB915-MH-14 02/06/2015 Regular sample	SB915-3241-06 SB915-MH-14 07/26/2016 Regular Sample	SB915-3249-04 SB915-MH-14 10/05/2016 Regular Sample
BROMIDE	2(G)	mg/L	[3.0J]		[5.4J]		[14]	[3.5J]
CHLORIDE	250	mg/L	[5800]	[14000]	[9300]	[12000]	[18000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[6.4]	[6.6J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[11000]	[28000]	[18000]	[23000]	[35000]	[29000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.13]	[0.12]	[0.25]	[0.13J-]	[0.077]	[0.19J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3232-09 SB915-MH-14 04/27/2016 Regular Sample	SB915-3223-01 SB915-MH-14 02/05/2016 Regular Sample	SB915-3274-06 SB915-MH-14 04/24/2017 Regular Sample	SB915-3287-10 SB915-MH-14 10/05/2017 Regular Sample	SB915-3279-06 SB915-MH-14 07/20/2017 Regular Sample	SB915-3265-01 SB915-MH-14 02/10/2017 Regular Sample
BROMIDE	2(G)	mg/L		[2.4J+]	[5.9]	[6.6J]	[3.7J]	[2.0J]
CHLORIDE	250	mg/L	[9300]	[7100]	[6100]	[16000]	[9200]	[6300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.8]		[3.7J]	[6.5J]	[2.7J]	[3.8]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[18000]	[12000]	[12000]	[35000]	[18000]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.14]	[0.12]	[0.16J-]	[0.090]	[0.22J-]	[0.15J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3091-06 SB915-MH-14 08/23/2012 Regular sample	SB915-3105-01 SB915-MH-14 12/12/2012 Regular sample	SB915-3084-10 SB915-MH-14 05/10/2012 Regular sample	SB915-3121-05 SB915-MH-14 5/2/2013 Regular sample	SB915-3125-06 SB915-MH-14 7/17/2013 Regular sample	SB915-3141-01 SB915-MH-14 10/24/2013 Regular sample
BROMIDE	2(G)	mg/L			[5.7]	[3.2]	[4.1]	[5.6J]
CHLORIDE	250	mg/L	[18000]	[6800]	[8600B]	[8650]	[9840]	[15600]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[44000]	[12000]	[17000]	[16000]	[21700]	[32500]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.059J]	[0.022]	[0.22J]	[0.238]	[0.23J]	[0.09J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3146-05 SB915-MH-14 1/30/2014 Regular sample	SB915-3161-01 SB915-MH-14 04/29/2014 Regular sample	SB915-3170-06 SB915-MH-14 07/15/2014 Regular sample	SB915-3178-03 SB915-MH-14 10/10/2014 Regular sample	SB915-3200-06 SB915-MH-15 04/24/2015 Regular sample	SB915-3216-05 SB915-MH-15 10/14/2015 Regular sample
BROMIDE	2(G)	mg/L	[330]		[19J-]	[11J]	[2.6J]	
CHLORIDE	250	mg/L	[8400]	[6600]	[14000]	[20000]	[5400]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L	[370J]					
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[15000]	[10000]	[31000]	[58000]	[9900]	[28000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.21]	[0.16]	[0.12J]	[0.063]	[0.19]	[0.14]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3208-08 SB915-MH-15 07/16/2015 Regular sample	SB915-3187-06 SB915-MH-15 02/06/2015 Regular sample	SB915-3241-01 SB915-MH-15 07/26/2016 Regular Sample	SB915-3249-01 SB915-MH-15 10/05/2016 Regular Sample	SB915-3232-03 SB915-MH-15 04/27/2016 Regular Sample	SB915-3223-02 SB915-MH-15 02/05/2016 Regular Sample
BROMIDE	2(G)	mg/L	[4.8J]		[13]	[3.9J]	[4.9J]	
CHLORIDE	250	mg/L	[8600]	[14000]	[17000]	[13000]	[7300]	[6800]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[6.6]	[6.2J]	[5.6]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[16000]	[24000]	[34000]	[29000]	[14000]	[12000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.32]	[0.12J-]	[0.088]	[0.22J]	[0.25]	[0.11]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3274-01 SB915-MH-15 04/24/2017 Regular Sample	SB915-3287-05 SB915-MH-15 10/05/2017 Regular Sample	SB915-3279-01 SB915-MH-15 07/20/2017 Regular Sample	SB915-3264-01 SB915-MH-15 02/09/2017 Regular Sample	SB915-3091-07 SB915-MH-15 08/23/2012 Regular sample	SB915-3105-02 SB915-MH-15 12/12/2012 Regular sample
BROMIDE	2(G)	mg/L	[5.9]	[7.6J]	[2.4J]	[2.0J]		
CHLORIDE	250	mg/L	[5200]	[17000]	[6400]	[5300]	[20000]	[5300]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[4.5J]	[5.9J]	[7.4J]	[4.9]		
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[12000]	[35000]	[12000]	[9700]	[45000]	[7600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.13]	[0.092]	[0.30J-]	[0.23]	[0.061J]	[0.016]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3085-04 SB915-MH-15 05/11/2012 Regular sample	SB915-3121-06 SB915-MH-15 5/2/2013 Regular sample	SB915-3125-05 SB915-MH-15 7/17/2013 Regular sample	SB915-3141-02 SB915-MH-15 10/24/2013 Regular sample	SB915-3145-01 SB915-MH-15 1/29/2014 Regular sample	SB915-3161-02 SB915-MH-15 04/29/2014 Regular sample
BROMIDE	2(G)	mg/L				[5.7J]		
CHLORIDE	250	mg/L	[2600]	[1450]	[1870]	[15000]	[7100]	[6300]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[7200]	[2960]	[4360]	[31000]	[12000]	[9000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.81J]	[0.999]	[1.00]	[0.08J]	[0.33]	[0.22]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3170-07 SB915-MH-15 07/15/2014 Regular sample	SB915-3178-04 SB915-MH-15 10/10/2014 Regular sample	SB915-3216-06 SB915-MH-16 10/14/2015 Regular sample	SB915-3208-09 SB915-MH-16 07/16/2015 Regular sample	SB915-3241-02 SB915-MH-16 07/26/2016 Regular Sample	SB915-3257-01 SB915-MH-16 11/16/2016 Regular Sample
BROMIDE	2(G)	mg/L	[13J-]	[11J]		[4.8J]	[2.5]	
CHLORIDE	250	mg/L	[10000]	[19000]	[2700]	[8600]	[2700]	[1300]
NITROGEN, AMMONIA (AS N)	NC	mg/L					[24]	[15]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[21000]	[59000]	[6100]	[16000]	[5700]	[2400]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.051]	[14]	[0.32]	[0.94]	[0.68]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3232-04 SB915-MH-16 04/27/2016 Regular Sample	SB915-3223-03 SB915-MH-16 02/05/2016 Regular Sample	SB915-3274-02 SB915-MH-16 04/24/2017 Regular Sample	SB915-3287-06 SB915-MH-16 10/05/2017 Regular Sample	SB915-3279-02 SB915-MH-16 07/20/2017 Regular Sample	SB915-3264-04 SB915-MH-16 02/09/2017 Regular Sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250	mg/L	[990]	[1400]	[690]	[4300]	[860]	[840]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[16]		[13J]	[22J]	[9.9J]	[15]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[2400]	[2600]	[2200]	[9000]	[1800]	[1900]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.67]	[0.32]	[0.55]	[1.1]	[0.81J-]	[1.0J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3091-08 SB915-MH-16 08/23/2012 Regular sample	SB915-3105-03 SB915-MH-16 12/12/2012 Regular sample	SB915-3085-02 SB915-MH-16 05/11/2012 Regular sample	SB915-3120-04 SB915-MH-16 5/1/2013 Regular sample	SB915-3125-02 SB915-MH-16 7/17/2013 Regular sample	SB915-3141-03 SB915-MH-16 10/24/2013 Regular sample
BROMIDE	2(G)	mg/L						
CHLORIDE	250	mg/L	[4100]	[310]	[2700]	[2510]	[1910]	[2140]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[12000]	[970]	[7600]	[4670]	[4110]	[4250]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.83J]	[0.039]	[0.84J]	[0.972]	[1.05]	[0.84]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
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[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3146-06 SB915-MH-16 1/30/2014 Regular sample	SB915-3161-03 SB915-MH-16 04/29/2014 Regular sample	SB915-3170-08 SB915-MH-16 07/15/2014 Regular sample	SB915-3200-08 SB915-MH-17 04/24/2015 Regular sample	SB915-3216-07 SB915-MH-17 10/14/2015 Regular sample	SB915-3208-10 SB915-MH-17 07/16/2015 Regular sample
BROMIDE	2(G)	mg/L				[3.2J]		[3.7J]
CHLORIDE	250	mg/L	[1500]	[1100]	[2200]	[5100]	[4700]	[6000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[3200]	[970]	[4300]	[9300]	[9900]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.97]	[0.84]	[1.2J]	[3.0]	[63]	[4.2]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3241-03 SB915-MH-17 07/26/2016 Regular Sample	SB915-3257-03 SB915-MH-17 11/16/2016 Regular Sample	SB915-3232-05 SB915-MH-17 04/27/2016 Regular Sample	SB915-3223-04 SB915-MH-17 02/05/2016 Regular Sample	SB915-3274-03 SB915-MH-17 04/24/2017 Regular Sample	SB915-3287-07 SB915-MH-17 10/05/2017 Regular Sample
BROMIDE	2(G)	mg/L	[2.9]					
CHLORIDE	250	mg/L	[3000]	[1300]	[1000]	[1500]	[1000]	[4400]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[24]	[17]	[17]		[15J]	[22J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[6300]	[2900]	[2500]	[2600]	[3100]	[9600]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[1.3]	[1.0]	[0.88]	[0.86]	[0.74]	[1.2]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3279-03 SB915-MH-17 07/20/2017 Regular Sample	SB915-3264-05 SB915-MH-17 02/09/2017 Regular Sample	SB915-3104-01 SB915-MH-17 12/11/2012 Regular sample	SB915-3120-03 SB915-MH-17 5/1/2013 Regular sample	SB915-3161-05 SB915-MH-17 04/29/2014 Regular sample	SB915-3200-09 SB915-MH-18 04/24/2015 Regular sample
BROMIDE	2(G)	mg/L				[2.4]	[12J]	[3.1J]
CHLORIDE	250	mg/L	[860]	[1500]	[500]	[2530]	[5400]	[5500]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[13J]	[20]				
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[1900]	[1500]	[1200]	[4480]	[8700]	[10000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.64J-]	[0.97J-]	[0.27]	[2.35]	[2.8]	[3.9]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3216-08 SB915-MH-18 10/14/2015 Regular sample	SB915-3208-11 SB915-MH-18 07/16/2015 Regular sample	SB915-3187-08 SB915-MH-18 02/06/2015 Regular sample	SB915-3241-04 SB915-MH-18 07/26/2016 Regular Sample	SB915-3249-02 SB915-MH-18 10/05/2016 Regular Sample	SB915-3232-06 SB915-MH-18 04/27/2016 Regular Sample
BROMIDE	2(G)	mg/L		[3.6J]		[3.5J]		[3.3J]
CHLORIDE	250	mg/L	[5200]	[5900]	[6000]	[4300]	[3100]	[6300]
NITROGEN, AMMONIA (AS N)	NC	mg/L				[35]	[30J]	[51]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[11000]	[11000]	[11000]	[9100]	[7200]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.32]	[4.0]	[4.3J-]	[2.7]	[0.13J]	[3.9]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3223-05 SB915-MH-18 02/05/2016 Regular Sample	SB915-3274-04 SB915-MH-18 04/24/2017 Regular Sample	SB915-3287-08 SB915-MH-18 10/05/2017 Regular Sample	SB915-3279-04 SB915-MH-18 07/20/2017 Regular Sample	SB915-3264-06 SB915-MH-18 02/09/2017 Regular Sample	SB915-3091-09 SB915-MH-18 08/23/2012 Regular sample
BROMIDE	2(G)	mg/L		[3.7J]		[2.2J]		[2.1]
CHLORIDE	250	mg/L	[1800]	[4600]	[5500]	[4600]	[3700]	[5500]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[39J]	[53J]	[43J]	[31]	
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[3000]	[11000]	[11000]	[8500]	[7200]	[14000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[1.3]	[2.4]	[2.3]	[1.9J-]	[1.9J-]	[1.8J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3103-03 SB915-MH-18 12/11/2012 Regular sample	SB915-3085-01 SB915-MH-18 05/11/2012 Regular sample	SB915-3120-02 SB915-MH-18 5/1/2013 Regular sample	SB915-3125-01 SB915-MH-18 7/17/2013 Regular sample	SB915-3125-07 SB915-MH-18 7/17/2013 Regular sample	SB915-3141-04 SB915-MH-18 10/24/2013 Regular sample
BROMIDE	2(G)	mg/L		[2.6]	[2.4]		[3.3]	[3.3J]
CHLORIDE	250	mg/L	[570]	[4400]	[4570]		[6180]	[6050]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[1300]	[9800]	[8440]	[NA]	[12400]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.38]	[3.1J]	[2.65]	[4.42]		[3.44]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3146-07 SB915-MH-18 1/30/2014 Regular sample	SB915-3161-06 SB915-MH-18 04/29/2014 Regular sample	SB915-3170-09 SB915-MH-18 07/15/2014 Regular sample	SB915-3179-01 SB915-MH-18 10/13/2014 Regular sample	SB915-3200-11 SB915-PCP-01 04/24/2015 Regular sample	SB915-3216-12 SB915-PCP-01 10/14/2015 Regular sample
BROMIDE	2(G)	mg/L		[15]		[2.1J]		
CHLORIDE	250	mg/L	[5600]	[5900]	[5200]	[5800]	[2800]	[5700]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[10000]	[8300]	[11000]	[11000]	[4900]	[12000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[3.8]	[3.4]	[3.2J]	[2.9]		[0.013]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3206-01 SB915-PCP-01 07/15/2015 Regular sample	SB915-3187-11 SB915-PCP-01 02/06/2015 Regular sample	SB915-3241-11 SB915-PCP-01 07/26/2016 Regular Sample	SB915-3251-02 SB915-PCP-01 10/06/2016 Regular Sample	SB915-3232-01 SB915-PCP-01 04/27/2016 Regular Sample	SB915-3222-05 SB915-PCP-01 02/04/2016 Regular Sample
BROMIDE	2(G)	mg/L	[3.7J]		[6.9J]	[2.5J]	[4.7J]	
CHLORIDE	250	mg/L	[5400]	[7300]	[6700]	[5600]	[4300]	[1200]
NITROGEN, AMMONIA (AS N)	NC	mg/L			[2.5]	[2.3J]		
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[14000]	[14000]	[15000]	[11000]	[8600]	[2200]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.020]		[0.096]	[0.024J]		[0.0093J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3276-08 SB915-PCP-01 04/25/2017 Regular Sample	SB915-3287-04 SB915-PCP-01 10/05/2017 Regular Sample	SB915-3280-11 SB915-PCP-01 07/20/2017 Regular Sample	SB915-3266-04 SB915-PCP-01 02/10/2017 Regular Sample	SB915-3105-04 SB915-PCP-01 12/12/2012 Regular sample	SB915-3083-07 SB915-PCP-01 05/09/2012 Regular sample
BROMIDE	2(G)	mg/L			[2.7J]			
CHLORIDE	250	mg/L	[2900]	[5200]	[6000]	[2900]	[3100]	[3200]
NITROGEN, AMMONIA (AS N)	NC	mg/L		[21J]				
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[6300]	[13000]	[11000]	[5500]	[5200]	[5800]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.026]	[0.012J-]			[0.0084J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3119-02 SB915-PCP-01 5/1/2013 Regular sample	SB915-3125-09 SB915-PCP-01 7/17/2013 Regular sample	SB915-3138-02 SB915-PCP-01 10/22/2013 Regular sample	SB915-3146-09 SB915-PCP-01 1/30/2014 Regular sample	SB915-3161-08 SB915-PCP-01 04/29/2014 Regular sample	SB915-3170-12 SB915-PCP-01 07/15/2014 Regular sample
BROMIDE	2(G)	mg/L	[2.5]	[3.4]	[3.0J]		[8.4J]	[14J-]
CHLORIDE	250	mg/L	[5080]	[6050]	[6100]	[4900]	[3900]	[7200]
NITROGEN, AMMONIA (AS N)	NC	mg/L						
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8020]	[16300]	[11800]	[10000]	[6300]	[15000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L						[0.014J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3179-04 SB915-PCP-01 10/13/2014 Regular sample	SB915-3200-12 SB915-PCP-02 04/24/2015 Regular sample	SB915-3216-11 SB915-PCP-02 10/14/2015 Regular sample	SB915-3206-02 SB915-PCP-02 07/15/2015 Regular sample	SB915-3187-12 SB915-PCP-02 02/06/2015 Regular sample	SB915-3241-10 SB915-PCP-02 07/26/2016 Regular Sample
BROMIDE	2(G)	mg/L				[6.7J]		[13]
CHLORIDE	250	mg/L	[10000]	[8100]	[16000]	[10000]	[21000]	[14000]
NITROGEN, AMMONIA (AS N)	NC	mg/L						[4.6]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[20000]	[16000]	[36000]	[28000]	[43000]	[28000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.035J]	[0.079]	[0.044]	[0.12J-]	[0.056]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3251-01 SB915-PCP-02 10/06/2016 Regular Sample	SB915-3232-02 SB915-PCP-02 04/27/2016 Regular Sample	SB915-3222-04 SB915-PCP-02 02/04/2016 Regular Sample	SB915-3276-07 SB915-PCP-02 04/25/2017 Regular Sample	SB915-3287-01 SB915-PCP-02 10/05/2017 Regular Sample	SB915-3280-10 SB915-PCP-02 07/20/2017 Regular Sample
BROMIDE	2(G)	mg/L	[6.2J]	[7.7J]	[9.1J]		[20J]	[4.5J]
CHLORIDE	250	mg/L	[16000]	[8500]	[12000]	[5000]	[16000]	[9800]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[5.5J]				[4.8J]	[3.2J]
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[30000]	[17000]	[22000]	[13000]	[34000]	[21000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.083J]	[0.044]	[0.053]	[0.016]	[0.051]	[0.040J-]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3266-03 SB915-PCP-02 02/10/2017 Regular Sample	SB915-3119-01 SB915-PCP-02 5/1/2013 Regular sample	SB915-3125-08 SB915-PCP-02 7/17/2013 Regular sample	SB915-3138-01 SB915-PCP-02 10/22/2013 Regular sample	SB915-3146-08 SB915-PCP-02 1/30/2014 Regular sample	SB915-3161-07 SB915-PCP-02 04/29/2014 Regular sample
BROMIDE	2(G)	mg/L	[2.7J]	[4.8]	[5.0]	[8.1J]		
CHLORIDE	250	mg/L	[8500]	[6480]	[10300]	[15900]	[12000]	[6700]
NITROGEN, AMMONIA (AS N)	NC	mg/L	[3.3]					
SULFATE	250	mg/L						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[8600]	[14300]	[21100]	[31800]	[23000]	[11000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L	[0.039J-]	[0.027J]		[0.13J]	[0.064]	[0.012]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-18
Honeywell
Wastebeds 9-15 Closure Investigation
Subsurface Leachate Exceedance Summary
Other Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3170-10 SB915-PCP-02 07/15/2014 Regular sample	SB915-3179-03 SB915-PCP-02 10/13/2014 Regular sample
BROMIDE	2(G)	mg/L	[20J-]	[6.1J]
CHLORIDE	250	mg/L	[16000]	[20000]
NITROGEN, AMMONIA (AS N)	NC	mg/L		
SULFATE	250	mg/L		
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	[mg/L]	[40000]	[40000]
TOTAL RECOVERABLE PHENOLICS	0.001(S)	mg/L		[0.16]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL; +/- = Result may be biased high/low; U = Analyte not detected; R = Rejected value.
NA = Analyte not analyzed for; NC = No applicable criteria.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

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Table K-19
Honeywell
Wastebeds 9 through 15 Closure Investigation
Subsurface Leachate Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class GA Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3123A-10 SB915-MH-08 07/16/2013 Regular sample	SB915-3123A-11 SB915-MH-09 07/16/2013 Regular sample	SB915-3125-05 SB915-MH-15 07/17/2013 Regular sample
Total TEQ	0.7(S)	pg/L	[5.006324]	[6.00317]	[4.313199]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class GA standard (S) or guidance value (G).

Table K-20
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8260 Volatile Organic Compound Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3202-12 WB915-POND AREA N of WB11 04/27/2015 Regular sample
BENZENE	10(S)	µg/L	[15]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-21
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3270-01	SB915-3271-01	SB915-3271-02	SB915-3270-07	SB915-3202-08	SB915-3270-10
		Location	WB915-GRAVEL PIT	WB915-INTERBED 2	WB915-INTERBED 3	WB915-IRON BROOK	WB915-OUT-011	WB915-OUT-017
		Sample Date	04/20/2017	04/20/2017	04/20/2017	04/20/2017	04/27/2015	04/20/2017
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular Sample
		Units						
BENZO(A)ANTHRACENE	0.03(G)	µg/L		[0.12]			[0.08]	
BENZO(A)PYRENE	0.0012(G)	µg/L		[0.1]			[0.042]	
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L	[3.3]	[1.2]	[1.9]	[1.7]		[1.8]
PHENOL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-21
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3202-06	SB915-3181-01	SB915-3270-11	SB915-3202-12	SB915-3182-07	SB915-3272-03
		Location	WB915-OUT-017	WB915-POND AREA N OF WB11	WB915-POND AREA N OF WB11	WB915-POND AREA N of WB11	WB915-REACH A	WB915-REACH A
		Sample Date	04/27/2015	10/15/2014	04/20/2017	04/27/2015	10/16/2014	04/21/2017
		Sample Purpose	Regular sample	Regular sample	Regular Sample	Regular sample	Regular sample	Regular Sample
		Units						
BENZO(A)ANTHRACENE	0.03(G)	µg/L		[0.038]		[0.1]	[0.036]	[0.074]
BENZO(A)PYRENE	0.0012(G)	µg/L				[0.074]		[0.071]
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L	[1.7]					
PHENOL	5(S)	µg/L			[5.7]	[9.6]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-21
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3182-08	SB915-3272-05	SB915-3272-06	SB915-3272-07	SB915-3182-12	SB915-3272-08
		Location	WB915-REACH B	WB915-REACH C	WB915-REACH D	WB915-REACH E	WB915-REACH F	WB915-REACH F
		Sample Date	10/16/2014	04/21/2017	04/21/2017	04/21/2017	10/16/2014	04/21/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular Sample
		Units						
BENZO(A)ANTHRACENE	0.03(G)	µg/L	[0.32]	[0.038]	[0.04]	[0.032]	[0.035]	[0.034]
BENZO(A)PYRENE	0.0012(G)	µg/L	[0.25]					
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L		[4.3]	[1.7]			
PHENOL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-21
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3272-02	SB915-3245-02	SB915-3272-01	SB915-3203-01	SB915-3270-04	SB915-3244-01
		Location	WB915-REF REACH	WB915-REF REACH	WB915-REF REACH 2	WB915-REF REACH 2	WB915-RET POND 1	WB915-RET POND 1
		Sample Date	04/21/2017	07/29/2016	04/21/2017	04/28/2015	04/20/2017	07/28/2016
		Sample Purpose	Regular Sample	Regular sample	Regular Sample	Regular sample	Regular Sample	Regular sample
		Units						
BENZO(A)ANTHRACENE	0.03(G)	µg/L	[0.25]			[0.15]		
BENZO(A)PYRENE	0.0012(G)	µg/L	[0.27]			[0.092]		
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L	[2.2]	[25]	[11]		[2.1]	[2.1]
PHENOL	5(S)	µg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-21
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8270 Semivolatile Organic Compound Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3270-05	SB915-3202-02	SB915-3270-06	SB915-3202-03	SB915-3244-03	SB915-3086-05
		Location	WB915-RET POND 2-1	WB915-RET POND 2-1	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2
		Sample Date	04/20/2017	04/27/2015	04/20/2017	04/27/2015	07/28/2016	07/18/2012
		Sample Purpose	Regular Sample	Regular sample	Regular Sample	Regular sample	Regular sample	Regular sample
		Units						
BENZO(A)ANTHRACENE	0.03(G)	µg/L			[1.2]			
BENZO(A)PYRENE	0.0012(G)	µg/L			[1]			
BIS(2-ETHYLHEXYL)PHTHALATE	0.6(S)	µg/L	[1.8]		[2.3]		[1.2]	[1.6]
PHENOL	5(S)	µg/L		[6.9]		[6.3]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-22
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8081 Pesticide Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3270-01 / WB915-GRAVEL PIT / 04/20/2017 / Regular Sample	SB915-3202-11 / WB915-INTERBED 1 / 04/27/2015 / Regular sample	SB915-3245-12 / WB915-INTERBED 1 / 07/29/2016 / Regular sample	SB915-3202-10 / WB915-INTERBED 2 / 04/27/2015 / Regular sample	SB915-3202-09 / WB915-INTERBED 3 / 04/27/2015 / Regular sample	SB915-3245-10 / WB915-INTERBED 3 / 07/29/2016 / Regular sample
4,4'-DDE	0.000007(S)	µg/L						
4,4'-DDT	0.00001(S)	µg/L						
HEPTACHLOR	0.0002(S)	µg/L	[0.00042J]					
HEXACHLOROBENZENE	0.00003(S)	µg/L		[0.00031J]	[0.0019]	[0.00027J]	[0.00028J]	[0.0014]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-22
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 8081 Pesticide Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID	SB915-3269-01	SB915-3202-01	SB915-3181-05	SB915-3181-01	SB915-3180-04
		Location	WB915-OUT-018	WB915-RET POND 1	WB915-OUT-011	WB915-POND AREA N OF WB11	WB915-RET POND1
		Sample Date	04/07/2017	04/27/2015	10/15/2014	10/15/2014	10/14/2014
		Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units					
4,4'-DDE	0.000007(S)	µg/L			[0.013]		
4,4'-DDT	0.00001(S)	µg/L	[0.00041J]				
HEPTACHLOR	0.0002(S)	µg/L					
HEXACHLOROBENZENE	0.00003(S)	µg/L		[0.00022J]		[0.0022]	[0.00044J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3127-06	SB915-3127-07	SB915-3132-04	SB915-3132-03	SB915-3132-02	SB915-3127-04
		Location	WB915-Gravel Pit	WB915-Gravel Pit	WB915-INTERBED 1	WB915-INTERBED 2	WB915-INTERBED 3	WB915-IRON BROOK
		Sample Date	07/22/2013	07/22/2013	07/24/2013	07/24/2013	07/24/2013	07/22/2013
		Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
Total PCBs	0.001(S)	ng/L	[0.12059]	[0.12956]	[0.51727]	[1.20162]	[11.64821]	[0.20716]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3132-01	SB915-3127-05	SB915-3132-05	SB915-3129-07	SB915-3129-09	SB915-3129-06
		Location	WB915-OUT-011	WB915-OUT-017	WB915-POND AREA N OF WB11	WB915-REACH A	WB915-REACH B	WB915-REACH C
		Sample Date	07/24/2013	07/22/2013	07/24/2013	07/23/2013	07/23/2013	07/23/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
Total PCBs	0.001(S)	ng/L	[0.0825]	[0.07231]	[0.39381]	[0.66291]	[0.92783]	[0.67984]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3129-05	SB915-3129-02	SB915-3129-01	SB915-3129-10	SB915-3129-08	SB915-3127-01
		Location	WB915-REACH D	WB915-REACH E	WB915-REACH F	WB915-REF REACH 2	WB915-REF REACH	WB915-RET POND1
		Sample Date	07/23/2013	07/23/2013	07/23/2013	07/23/2013	07/23/2013	07/22/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
Total PCBs	0.001(S)	ng/L	[0.85254]	[0.53084]	[0.63596]	[0.64641]	[1.03524]	[0.14911]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3127-02	SB915-3127-03	SB915-3182-12	SB915-3182-04	SB915-3182-05	SB915-3180-04
		Location	WB915-RET POND2-1	WB915-RET POND2-2	WB915-REACH F	WB915-REF REACH 2	WB915-REF REACH	WB915-RET POND1
		Sample Date	07/22/2013	07/22/2013	10/16/2014	10/16/2014	10/16/2014	10/14/2014
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
Total PCBs	0.001(S)	ng/L	[4.82699]	[0.16421]	[3.1562]	[2.5101]	[2.7596]	[0.10114]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID	SB915-3180-05	SB915-3180-03	SB915-3086-08	SB915-3086-10	SB915-3086-07	SB915-3088-02
		Location	WB915-RET POND2-1	WB915-RET POND2-2	WB915-INTERBED 1	WB915-INTERBED 3	WB915-POND AREA N OF WB11	WB915-REACH A
		Sample Date	10/14/2014	10/14/2014	07/18/2012	07/18/2012	07/18/2012	07/20/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
Total PCBs	0.001(S)	ng/L	[0.0457]	[0.0685]	[0.432]	[388.8712]	[0.7805]	[1.5333]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

Table K-23
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Method 1668 High Resolution PCB Data

Parameter Name	NYS Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3122-01 SB915-OUT-018 6/13/2013 Regular sample
Total PCBs	0.001(S)	ng/L	[0.33629]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
Total PCBs determined by summing the detected PCB congeners.
[ ] = Result exceeds Class C standard (S) for guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3122-01 SB915-OUT-018 6/13/2013 Regular sample	SB915-3142-01 SB915-OUT-018 11/01/2013 Regular sample	SB915-3202-07 WB915-GRAVEL PIT 04/27/2015 Regular sample	SB915-3270-01 WB915-GRAVEL PIT 04/20/2017 Regular Sample	SB915-3116-01 WB915-GRAVEL PIT 4/29/2013 Regular sample	SB915-3135-02 WB915-GRAVEL PIT 10/21/2013 Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[1.4]	[1.07]				
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[1.28]	[1.01]				
MERCURY	0.00077(S)	NC	mg/L				[0.0000012]		
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						[0.0134J]
SILVER	0.0001(S)	NC	mg/L			[0.00032J]		[0.000708J]	
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3148-10 / WB915-GRAVEL PIT / 3/19/2014 / Regular sample	SB915-3171-01 / WB915-GRAVEL PIT / 07/16/2014 / Regular sample	SB915-3180-01 / WB915-GRAVEL PIT / 10/14/2014 / Regular sample	SB915-3211-01 / WB915-INTERBED 1 / 07/20/2015 / Regular sample	SB915-3235-03 / WB915-INTERBED 1 / 05/02/2016 / Regular Sample	SB915-3245-12 / WB915-INTERBED 1 / 07/29/2016 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L		[0.8]	[0.89J]			
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L				[0.0058J]		
COPPER	NC	126.28	mg/L						[0.023J]
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L			[0.64J]			[0.36]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L					[0.0057J]	[0.0077J]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L	[0.016J]					
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3252-04 / WB915-INTERBED 1 / 10/06/2016 / Regular Sample	SB915-3284-02 / WB915-INTERBED 1 / 07/24/2017 / Regular Sample	SB915-3293-03 / WB915-INTERBED 1 / 10/10/2017 / Regular Sample	SB915-3270-12 / WB915-INTERBED 1 / 04/20/2017 / Regular Sample	SB915-3086-08 / WB915-INTERBED 1 / 07/18/2012 / Regular sample	SB915-3116-10 / WB915-INTERBED 1 / 4/29/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.02J]					
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.3]	[0.45]			[0.72]	
MERCURY	0.00077(S)	NC	mg/L				[0.0000037]		
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.014]	[0.012]	[0.016]	[0.0096J]		
SILVER	0.0001(S)	NC	mg/L						[0.0033J]
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3135-09 / WB915-INTERBED 1 / 10/21/2013 / Regular sample	SB915-3149-05 / WB915-INTERBED 1 / 3/20/2014 / Regular sample	SB915-3171-10 / WB915-INTERBED 1 / 07/16/2014 / Regular sample	SB915-3181-02 / WB915-INTERBED 1 / 10/15/2014 / Regular sample	SB915-3132-04 / WB915-INTERBED 1 / 7/24/2013 / Regular sample	SB915-3211-02 / WB915-INTERBED 2 / 07/20/2015 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L			[0.19J]			
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L		[0.31J]	[0.57]	[0.35J]	[0.433]	
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0291J]					[0.021J]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3218-11 / WB915-INTERBED 2 / 10/16/2015 / Regular sample	SB915-3235-02 / WB915-INTERBED 2 / 05/02/2016 / Regular Sample	SB915-3245-11 / WB915-INTERBED 2 / 07/29/2016 / Regular sample	SB915-3252-06 / WB915-INTERBED 2 / 10/06/2016 / Regular Sample	SB915-3284-03 / WB915-INTERBED 2 / 07/24/2017 / Regular Sample	SB915-3293-02 / WB915-INTERBED 2 / 10/10/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L			[0.023J]	[0.021J]		
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L			[0.3]		[0.4]	
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0079J]	[0.0056J]	[0.0054J]	[0.014]	[0.011]	[0.015]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3271-01 / WB915-INTERBED 2 / 04/20/2017 / Regular Sample	SB915-3086-09 / WB915-INTERBED 2 / 07/18/2012 / Regular sample	SB915-3116-09 / WB915-INTERBED 2 / 4/29/2013 / Regular sample	SB915-3135-08 / WB915-INTERBED 2 / 10/21/2013 / Regular sample	SB915-3171-07 / WB915-INTERBED 2 / 07/16/2014 / Regular sample	SB915-3181-03 / WB915-INTERBED 2 / 10/15/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						[0.0054J]
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L		[0.007J]				
IRON	0.3(S)	NC	mg/L		[0.57]			[0.64]	
MERCURY	0.00077(S)	NC	mg/L	[0.000004]					
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0087J]			[0.0153J]		[0.026J]
SILVER	0.0001(S)	NC	mg/L			[0.0033J]			
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3132-03 / WB915-INTERBED 2 / 7/24/2013 / Regular sample	SB915-3218-12 / WB915-INTERBED 3 / 10/16/2015 / Regular sample	SB915-3235-01 / WB915-INTERBED 3 / 05/02/2016 / Regular Sample	SB915-3245-10 / WB915-INTERBED 3 / 07/29/2016 / Regular sample	SB915-3252-07 / WB915-INTERBED 3 / 10/06/2016 / Regular Sample	SB915-3284-04 / WB915-INTERBED 3 / 07/24/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L				[0.024J]	[0.021J]	
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.428J]					
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L		[0.0074J]	[0.0053J]	[0.011]	[0.014]	[0.023]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3293-01 / WB915-INTERBED 3 / 10/10/2017 / Regular Sample	SB915-3271-02 / WB915-INTERBED 3 / 04/20/2017 / Regular Sample	SB915-3261-11 / WB915-INTERBED 3 / 02/09/2017 / Regular Sample	SB915-3086-10 / WB915-INTERBED 3 / 07/18/2012 / Regular sample	SB915-3116-08 / WB915-INTERBED 3 / 4/29/2013 / Regular sample	SB915-3135-07 / WB915-INTERBED 3 / 10/21/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L				[0.37]		
MERCURY	0.00077(S)	NC	mg/L		[0.0000041]				
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.017]	[0.011]	[0.0086J+]			[0.0214J]
SILVER	0.0001(S)	NC	mg/L					[0.0036J]	
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3171-06 / WB915-INTERBED 3 / 07/16/2014 / Regular sample	SB915-3181-04 / WB915-INTERBED 3 / 10/15/2014 / Regular sample	SB915-3132-02 / WB915-INTERBED 3 / 7/24/2013 / Regular sample	SB915-3218-07 / WB915-IRON BROOK / 10/16/2015 / Regular sample	SB915-3224-07 / WB915-IRON BROOK / 02/08/2016 / Regular Sample	SB915-3244-04 / WB915-IRON BROOK / 07/28/2016 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.31]					
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						[0.0071J]
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.65]	[0.36J]	[0.471J]	[1]	[2.3]	
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						[0.0041J]
SELENIUM	0.0046(S)	NC	mg/L						[0.0056J]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3252-11 / WB915-IRON BROOK / 10/06/2016 / Regular Sample	SB915-3284-08 / WB915-IRON BROOK / 07/24/2017 / Regular Sample	SB915-3291-06 / WB915-IRON BROOK / 10/09/2017 / Regular Sample	SB915-3270-07 / WB915-IRON BROOK / 04/20/2017 / Regular Sample	SB915-3260-07 / WB915-IRON BROOK / 02/08/2017 / Regular Sample	SB915-3086-02 / WB915-IRON BROOK / 07/18/2012 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						[0.29B]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.0061J]					
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[8]		[0.59]			[1.1]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L	[0.0058J]					
SELENIUM	0.0046(S)	NC	mg/L	[0.0077J]	[0.005J]		[0.0055J]	[0.005J]	
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3092-01 / WB915-IRON BROOK / 09/24/2012 / Regular sample	SB915-3116-04 / WB915-IRON BROOK / 4/29/2013 / Regular sample	SB915-3135-04 / WB915-IRON BROOK / 10/21/2013 / Regular sample	SB915-3148-05 / WB915-IRON BROOK / 3/19/2014 / Regular sample	SB915-3180-02 / WB915-IRON BROOK / 10/14/2014 / Regular sample	SB915-3191-06 / WB915-OUT-011 / 03/17/2015 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						[1.4J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[4.9J]				[1.4]	[1.4]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L			[0.0257J]			
SILVER	0.0001(S)	NC	mg/L		[0.0019J]				
THALLIUM	0.008(S)	NC	mg/L				[0.025J]		
VANADIUM	0.014(S)	NC	mg/L					[0.015J]	

NOTES:
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[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3211-04 / WB915-OUT-011 / 07/20/2015 / Regular sample	SB915-3224-11 / WB915-OUT-011 / 02/08/2016 / Regular Sample	SB915-3234-12 / WB915-OUT-011 / 05/02/2016 / Regular Sample	SB915-3248-02 / WB915-OUT-011 / 08/10/2016 / Regular sample	SB915-3253-08 / WB915-OUT-011 / 10/07/2016 / Regular Sample	SB915-3286-01 / WB915-OUT-011 / 08/22/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L			[1.8]	[0.19J]		
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L	[0.0068J]					
COPPER	NC	126.28	mg/L					[0.014J]	
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L		[0.49J]	[2J]	[0.61]	[2.4]	[6.1]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L					[0.012]	[0.014]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3294-03 / WB915-OUT-011 / 10/29/2017 / Regular Sample	SB915-3271-03 / WB915-OUT-011 / 04/20/2017 / Regular Sample	SB915-3261-12 / WB915-OUT-011 / 02/09/2017 / Regular Sample	SB915-3116-07 / WB915-OUT-011 / 4/29/2013 / Regular sample	SB915-3135-06 / WB915-OUT-011 / 10/21/2013 / Regular sample	SB915-3149-01 / WB915-OUT-011 / 3/20/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L			[0.11J]			[1J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[4.6]		[0.4]	[0.605]	[1.37]	[1.2]
MERCURY	0.00077(S)	NC	mg/L		[0.000001]				
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.013]		[0.0046J+]		[0.0107J]	
SILVER	0.0001(S)	NC	mg/L	[0.004J]			[0.000811J]		
THALLIUM	0.008(S)	NC	mg/L						[0.021J]
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3162-09 / WB915-OUT-011 / 05/05/2014 / Regular sample	SB915-3175-01 / WB915-OUT-011 / 08/13/2014 / Regular sample	SB915-3132-01 / WB915-OUT-011 / 7/24/2013 / Regular sample	SB915-3191-04 / WB915-OUT-017 / 03/17/2015 / Regular sample	SB915-3224-01 / WB915-OUT-017 / 02/08/2016 / Regular Sample	SB915-3234-04 / WB915-OUT-017 / 05/02/2016 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L	[0.11J]					
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						[0.0093J]
IRON	0.3(S)	NC	mg/L	[0.32]	[1]	[0.522]			
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L		[0.0071J]				
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L				[0.018J]	[0.019J]	
VANADIUM	0.014(S)	NC	mg/L				[0.032J]		

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3256-04 WB915-OUT-017 10/20/2016 Regular Sample	SB915-3285-01 WB915-OUT-017 07/24/2017 Regular Sample	SB915-3290-04 WB915-OUT-017 10/09/2017 Regular Sample	SB915-3270-10 WB915-OUT-017 04/20/2017 Regular Sample	SB915-3260-04 WB915-OUT-017 02/08/2017 Regular Sample	SB915-3116-02 WB915-OUT-017 4/29/2013 Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L			[0.012J-]			
IRON	0.3(S)	NC	mg/L						
MERCURY	0.00077(S)	NC	mg/L	[0.0000054]	[0.0000024]	[0.0000049J-]	[0.0000012]	[0.0000011]	
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						[0.0012J]
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3135-01 / WB915-OUT-017 / 10/21/2013 / Regular sample	SB915-3148-09 / WB915-OUT-017 / 3/19/2014 / Regular sample	SB915-3182-03 / WB915-OUT-017 / 10/16/2014 / Regular sample	SB915-3194-01 / WB915-OUT-018 / 04/03/2015 / Regular sample	SB915-3214-01 / WB915-OUT-018 / 10/09/2015 / Regular sample	SB915-3220-01 / WB915-OUT-018 / 02/03/2016 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L		[0.63J]		[0.15J]	[0.37]	[1J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L		[0.0053J]				
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L		[0.71J]			[0.32]	[0.81J]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0146J]		[0.019J]			
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3234-01 / WB915-OUT-018 / 05/02/2016 / Regular Sample	SB915-3256-01 / WB915-OUT-018 / 10/20/2016 / Regular Sample	SB915-3286-03 / WB915-OUT-018 / 08/22/2017 / Regular Sample	SB915-3294-01 / WB915-OUT-018 / 10/29/2017 / Regular Sample	SB915-3269-01 / WB915-OUT-018 / 04/07/2017 / Regular Sample	SB915-3259-01 / WB915-OUT-018 / 01/03/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L	[2.5J]	[0.41]	[1.2J]	[0.52]	[0.3]	[1.7]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L					[0.0052J]	
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[2.7J]	[0.44]	[1.9]	[0.62]	[0.47J]	[1.4]
MERCURY	0.00077(S)	NC	mg/L		[0.0000073]	[0.000014]	[0.0000056]	[0.0000029]	[0.0000062]
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3152-01 / WB915-OUT-018 / 04/08/2014 / Regular sample	SB915-3182-01 / WB915-OUT-018 / 10/16/2014 / Regular sample	SB915-3212-07 / WB915-OUT-019 / 07/21/2015 / Regular sample	SB915-3218-08 / WB915-OUT-019 / 10/16/2015 / Regular sample	SB915-3234-07 / WB915-OUT-019 / 05/02/2016 / Regular Sample	SB915-3248-01 / WB915-OUT-019 / 08/10/2016 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[9.6]	[1.4J]			[0.35]	[0.38]
CHROMIUM	NC	11.375	mg/L						[0.001J]
COBALT	0.005(S)	NC	mg/L	[0.0056J]					
COPPER	NC	126.28	mg/L						[0.0063J]
CYANIDE	0.0052(S)	NC	mg/L				[0.0082J]	[0.15]	[0.0061J]
IRON	0.3(S)	NC	mg/L	[11]	[1.1]	[0.39]	[1.9]	[1J]	[0.34]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L			[0.0076J]	[0.008J]		
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L	[0.016J]					

NOTES:

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3256-06 / WB915-OUT-019 / 10/20/2016 / Regular Sample	SB915-3284-09 / WB915-OUT-019 / 07/24/2017 / Regular Sample	SB915-3290-01 / WB915-OUT-019 / 10/09/2017 / Regular Sample	SB915-3270-09 / WB915-OUT-019 / 04/20/2017 / Regular Sample	SB915-3260-01 / WB915-OUT-019 / 02/08/2017 / Regular Sample	SB915-3116-03 / WB915-OUT-019 / 4/29/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.15J]					
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L			[0.0054J]			
COPPER	NC	126.28	mg/L	[0.0058J]					
CYANIDE	0.0052(S)	NC	mg/L			[0.045J-]			
IRON	0.3(S)	NC	mg/L	[1.1]		[5.7]			[0.326]
MERCURY	0.00077(S)	NC	mg/L	[0.0000062]	[0.0000013]	[0.0000015J-]	[0.0000018]	[0.0000026]	
NICKEL	NC	714.24	mg/L	[0.0042J]					
SELENIUM	0.0046(S)	NC	mg/L		[0.011]		[0.0063J]	[0.0071J]	
SILVER	0.0001(S)	NC	mg/L						[0.0028J]
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3135-03 / WB915-OUT-019 / 10/21/2013 / Regular sample	SB915-3148-08 / WB915-OUT-019 / 3/19/2014 / Regular sample	SB915-3173-08 / WB915-OUT-019 / 07/18/2014 / Regular sample	SB915-3182-02 / WB915-OUT-019 / 10/16/2014 / Regular sample	SB915-3202-12 / WB915-POND AREA N of WB11 / 04/27/2015 / Regular sample	SB915-3209-12 / WB915-POND AREA N OF WB11 / 07/20/2015 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L			[0.15J]			
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L			[0.0065J]			[0.01J]
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[3.09]	[0.69J]	[2.2]	[0.79J]		
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0325J]				[0.012]	
SILVER	0.0001(S)	NC	mg/L	[0.0063J]					
THALLIUM	0.008(S)	NC	mg/L		[0.017J]				
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-3225-03 WB915-POND AREA N OF WB11 02/08/2016 Regular Sample	SB915-3235-04 WB915-POND AREA N OF WB11 05/02/2016 Regular Sample	SB915-3246-01 WB915-POND AREA N OF WB11 07/29/2016 Regular sample	SB915-3252-01 WB915-POND AREA N OF WB11 10/06/2016 Regular Sample	SB915-3284-01 WB915-POND AREA N OF WB11 07/24/2017 Regular Sample	SB915-3293-04 WB915-POND AREA N OF WB11 10/10/2017 Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L	[0.007J]					
COPPER	NC	126.28	mg/L			[0.063]	[0.028]		
CYANIDE	0.0052(S)	NC	mg/L			[0.015]			
IRON	0.3(S)	NC	mg/L						
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L			[0.035J]	[0.019J]		
SELENIUM	0.0046(S)	NC	mg/L	[0.046J]	[0.019]	[0.032]	[0.019]	[0.032]	[0.044]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3270-11 WB915-POND AREA N OF WB11 04/20/2017 Regular Sample	SB915-3261-08 WB915-POND AREA N OF WB11 02/09/2017 Regular Sample	SB915-3086-07 WB915-POND AREA N OF WB11 07/18/2012 Regular sample	SB915-3093-04 WB915-POND AREA N OF WB11 09/25/2012 Regular sample	SB915-3116-11 WB915-POND AREA N OF WB11 4/29/2013 Regular sample	SB915-3135-10 WB915-POND AREA N OF WB11 10/21/2013 Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L			[0.57]	[1.5J]		
MERCURY	0.00077(S)	NC	mg/L	[0.00004]					
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.018]	[0.043]				[0.0154J]
SILVER	0.0001(S)	NC	mg/L					[0.0027J]	
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3149-04 WB915-POND AREA N OF WB11 3/20/2014 Regular sample	SB915-3171-11 WB915-POND AREA N OF WB11 07/16/2014 Regular sample	SB915-3181-01 WB915-POND AREA N OF WB11 10/15/2014 Regular sample	SB915-3132-05 WB915-POND AREA N OF WB11 7/24/2013 Regular sample	SB915-3203-04 WB915-REACH A 04/28/2015 Regular sample	SB915-3236-03 WB915-REACH A 05/03/2016 Regular Sample
ALUMINUM	0.1(S)	NC	mg/L		[0.84]			[0.11J]	[0.39]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L			[0.0078J]			
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L				[0.314J]		[0.56J]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L			[0.023J]			
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L	[0.018J]					
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Units	SB915-3245-03	SB915-3282-03	SB915-3290-09	SB915-3272-03	SB915-3261-03	SB915-3088-02
			Field Sample ID	SB915-3245-03	SB915-3282-03	SB915-3290-09	SB915-3272-03	SB915-3261-03	SB915-3088-02
			Location	WB915-REACH A	WB915-REACH A	WB915-REACH A	WB915-REACH A	WB915-REACH A	WB915-REACH A
			Sample Date	07/29/2016	07/21/2017	10/09/2017	04/21/2017	02/09/2017	07/20/2012
			Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample
ALUMINUM	0.1(S)	NC	mg/L		[0.52J]	[0.11J]	[2.5]	[0.13J]	[0.29J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.0037J]					
CYANIDE	0.0052(S)	NC	mg/L	[0.019]					
IRON	0.3(S)	NC	mg/L			[0.31]	[4.3]		
MERCURY	0.00077(S)	NC	mg/L				[0.000018]		
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3118-08 WB915-REACH A 4/30/2013 Regular sample	SB915-3137-02 WB915-REACH A 10/22/2013 Regular sample	SB915-3147-03 WB915-REACH A 3/18/2014 Regular sample	SB915-3164-03 WB915-REACH A 05/06/2014 Regular sample	SB915-3172-03 WB915-REACH A 07/17/2014 Regular sample	SB915-3182-07 WB915-REACH A 10/16/2014 Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.398]	[0.304J]		[0.15J]	[0.21]	[2.4]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.46]		[0.38J]			[2.4]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L	[0.000871J]					
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3129-07 WB915-REACH A 7/23/2013 Regular sample mg/L	SB915-3236-04 WB915-REACH B 05/03/2016 Regular Sample mg/L	SB915-3245-04 WB915-REACH B 07/29/2016 Regular sample mg/L	SB915-3272-04 WB915-REACH B 04/21/2017 Regular Sample mg/L	SB915-3261-04 WB915-REACH B 02/09/2017 Regular Sample mg/L	SB915-3088-03 WB915-REACH B 07/20/2012 Regular sample mg/L
ALUMINUM	0.1(S)	NC		[0.289]	[0.48]		[2.2]	[0.15J]	[0.34J]
CHROMIUM	NC	11.375							
COBALT	0.005(S)	NC							
COPPER	NC	126.28							
CYANIDE	0.0052(S)	NC				[0.029]			
IRON	0.3(S)	NC		[0.373]	[0.65J]		[3.7]		
MERCURY	0.00077(S)	NC					[0.000014]		
NICKEL	NC	714.24							
SELENIUM	0.0046(S)	NC							
SILVER	0.0001(S)	NC							
THALLIUM	0.008(S)	NC							
VANADIUM	0.014(S)	NC							

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3118-06 / WB915-REACH B / 4/30/2013 / Regular sample	SB915-3137-03 / WB915-REACH B / 10/22/2013 / Regular sample	SB915-3147-04 / WB915-REACH B / 3/18/2014 / Regular sample	SB915-3164-04 / WB915-REACH B / 05/06/2014 / Regular sample	SB915-3172-04 / WB915-REACH B / 07/17/2014 / Regular sample	SB915-3182-08 / WB915-REACH B / 10/16/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.284]	[0.239J]		[0.11J]	[0.17J]	[3.7]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.374]		[0.39J]			[3.3]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L	[0.000591J]					
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3129-09 / WB915-REACH B / 7/23/2013 / Regular sample	SB915-3203-06 / WB915-REACH C / 04/28/2015 / Regular sample	SB915-3236-05 / WB915-REACH C / 05/03/2016 / Regular Sample	SB915-3245-05 / WB915-REACH C / 07/29/2016 / Regular sample	SB915-3282-07 / WB915-REACH C / 07/21/2017 / Regular Sample	SB915-3272-05 / WB915-REACH C / 04/21/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L	[0.276]	[0.11J]	[0.46]		[0.39J]	[3.4]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L				[0.0042J]		
CYANIDE	0.0052(S)	NC	mg/L				[0.013]		
IRON	0.3(S)	NC	mg/L	[0.354]		[0.64J]			[5.2]
MERCURY	0.00077(S)	NC	mg/L						[0.0000096]
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L					[0.028J]	
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3261-05 WB915-REACH C 02/09/2017 Regular Sample	SB915-3088-04 WB915-REACH C 07/20/2012 Regular sample	SB915-3118-05 WB915-REACH C 4/30/2013 Regular sample	SB915-3137-05 WB915-REACH C 10/22/2013 Regular sample	SB915-3147-05 WB915-REACH C 3/18/2014 Regular sample	SB915-3164-05 WB915-REACH C 05/06/2014 Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.2]	[0.12J]	[0.408]	[0.285J]		[0.14J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.3]		[0.535]		[0.52J]	
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L			[0.00043J]			
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3172-05 WB915-REACH C 07/17/2014 Regular sample mg/L	SB915-3182-09 WB915-REACH C 10/16/2014 Regular sample	SB915-3129-06 WB915-REACH C 7/23/2013 Regular sample	SB915-3236-06 WB915-REACH D 05/03/2016 Regular Sample	SB915-3245-06 WB915-REACH D 07/29/2016 Regular sample	SB915-3282-09 WB915-REACH D 07/21/2017 Regular Sample
ALUMINUM	0.1(S)	NC		[1.1]	[2.9]	[0.158]	[0.42]		[0.41J]
CHROMIUM	NC	11.375							
COBALT	0.005(S)	NC							
COPPER	NC	126.28						[0.0043J]	
CYANIDE	0.0052(S)	NC							
IRON	0.3(S)	NC			[2.9]		[0.69]		
MERCURY	0.00077(S)	NC							
NICKEL	NC	714.24							
SELENIUM	0.0046(S)	NC							
SILVER	0.0001(S)	NC							
THALLIUM	0.008(S)	NC							
VANADIUM	0.014(S)	NC							

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3272-06 / WB915-REACH D / 04/21/2017 / Regular Sample	SB915-3261-06 / WB915-REACH D / 02/09/2017 / Regular Sample	SB915-3088-05 / WB915-REACH D / 07/20/2012 / Regular sample	SB915-3092-07 / WB915-REACH D / 09/24/2012 / Regular sample	SB915-3118-04 / WB915-REACH D / 4/30/2013 / Regular sample	SB915-3137-06 / WB915-REACH D / 10/22/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[2.7]	[0.14J]	[0.17J]		[0.526]	[0.301J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[4.6]			[1.1J]	[0.699]	
MERCURY	0.00077(S)	NC	mg/L	[0.0000084]					
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L					[0.000622J]	
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3147-08 WB915-REACH D 3/18/2014 Regular sample mg/L	SB915-3164-06 WB915-REACH D 05/06/2014 Regular sample mg/L	SB915-3172-06 WB915-REACH D 07/17/2014 Regular sample mg/L	SB915-3182-10 WB915-REACH D 10/16/2014 Regular sample mg/L	SB915-3129-05 WB915-REACH D 7/23/2013 Regular sample mg/L	SB915-3193-10 WB915-REACH E 03/23/2015 Regular sample mg/L
ALUMINUM	0.1(S)	NC			[0.16J]	[0.11J]	[3]	[0.129]	
CHROMIUM	NC	11.375							
COBALT	0.005(S)	NC							
COPPER	NC	126.28							
CYANIDE	0.0052(S)	NC							
IRON	0.3(S)	NC		[0.37J]	[0.32J]		[2.9]		[0.52J]
MERCURY	0.00077(S)	NC							
NICKEL	NC	714.24							
SELENIUM	0.0046(S)	NC							
SILVER	0.0001(S)	NC							
THALLIUM	0.008(S)	NC							
VANADIUM	0.014(S)	NC							

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3203-10 / WB915-REACH E / 04/28/2015 / Regular sample	SB915-3217-09 / WB915-REACH E / 10/15/2015 / Regular sample	SB915-3226-07 / WB915-REACH E / 02/09/2016 / Regular Sample	SB915-3236-07 / WB915-REACH E / 05/03/2016 / Regular Sample	SB915-3245-08 / WB915-REACH E / 07/29/2016 / Regular sample	SB915-3253-07 / WB915-REACH E / 10/07/2016 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L				[0.45]		
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L					[0.0054J]	[0.0042J]
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.44]	[0.54]	[0.45J]	[0.94]	[0.64]	[0.61]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						[0.0067J]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3282-10 / WB915-REACH E / 07/21/2017 / Regular Sample	SB915-3291-01 / WB915-REACH E / 10/09/2017 / Regular Sample	SB915-3272-07 / WB915-REACH E / 04/21/2017 / Regular Sample	SB915-3261-07 / WB915-REACH E / 02/09/2017 / Regular Sample	SB915-3088-06 / WB915-REACH E / 07/20/2012 / Regular sample	SB915-3118-02 / WB915-REACH E / 4/30/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.55J]		[2.6]	[0.12J]	[0.16J]	[0.397]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.8J]	[0.62]	[4.4]	[0.42]		[0.767]
MERCURY	0.00077(S)	NC	mg/L			[0.00002]			
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						[0.0011J]
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
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[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3137-07 / WB915-REACH E / 10/22/2013 / Regular sample	SB915-3147-07 / WB915-REACH E / 3/18/2014 / Regular sample	SB915-3164-08 / WB915-REACH E / 05/06/2014 / Regular sample	SB915-3172-08 / WB915-REACH E / 07/17/2014 / Regular sample	SB915-3182-11 / WB915-REACH E / 10/16/2014 / Regular sample	SB915-3129-02 / WB915-REACH E / 7/23/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.202J]		[0.17J]	[0.18J]	[2.2]	
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.586]	[0.44J]	[0.79]	[0.82]	[2.8]	[0.532]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3193-11 / WB915-REACH F / 03/23/2015 / Regular sample	SB915-3203-11 / WB915-REACH F / 04/28/2015 / Regular sample	SB915-3217-10 / WB915-REACH F / 10/15/2015 / Regular sample	SB915-3226-08 / WB915-REACH F / 02/09/2016 / Regular Sample	SB915-3236-08 / WB915-REACH F / 05/03/2016 / Regular Sample	SB915-3245-09 / WB915-REACH F / 07/29/2016 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L					[0.4]	
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						[0.0054J]
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.4J]	[0.36]	[0.48]	[0.39J]	[0.75]	[0.53]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3253-09 / WB915-REACH F / 10/07/2016 / Regular Sample	SB915-3282-11 / WB915-REACH F / 07/21/2017 / Regular Sample	SB915-3291-02 / WB915-REACH F / 10/09/2017 / Regular Sample	SB915-3272-08 / WB915-REACH F / 04/21/2017 / Regular Sample	SB915-3262-01 / WB915-REACH F / 02/09/2017 / Regular Sample	SB915-3088-07 / WB915-REACH F / 07/20/2012 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L		[0.54J]		[3.2]		[0.19J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.0038J]					
CYANIDE	0.0052(S)	NC	mg/L						[0.013]
IRON	0.3(S)	NC	mg/L	[0.51]	[0.67J]	[0.54]	[3.4]	[0.36]	
MERCURY	0.00077(S)	NC	mg/L				[0.0000097]		
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.0083J]					
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3118-01 WB915-REACH F 4/30/2013 Regular sample	SB915-3137-08 WB915-REACH F 10/22/2013 Regular sample	SB915-3147-06 WB915-REACH F 3/18/2014 Regular sample	SB915-3164-09 WB915-REACH F 05/06/2014 Regular sample	SB915-3172-09 WB915-REACH F 07/17/2014 Regular sample	SB915-3182-12 WB915-REACH F 10/16/2014 Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.502]	[0.202J]		[0.16J]	[0.17J]	[3.8]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.84]	[0.554]	[0.45J]	[0.59]	[0.62]	[3.9]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L	[0.0013J]					
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3129-01 / WB915-REACH F / 7/23/2013 / Regular sample	SB915-3203-02 / WB915-REF REACH / 04/28/2015 / Regular sample	SB915-3236-02 / WB915-REF REACH / 05/03/2016 / Regular Sample	SB915-3245-02 / WB915-REF REACH / 07/29/2016 / Regular sample	SB915-3282-02 / WB915-REF REACH / 07/21/2017 / Regular Sample	SB915-3272-02 / WB915-REF REACH / 04/21/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L	[0.176]	[0.11J]	[0.86]	[0.11J]	[0.8J]	[4.2]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L				[0.0042J]		
CYANIDE	0.0052(S)	NC	mg/L				[0.05]		
IRON	0.3(S)	NC	mg/L	[0.612]		[1.1J]		[0.73J]	[8.9]
MERCURY	0.00077(S)	NC	mg/L						[0.000011]
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L					[0.035J]	
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
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[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3088-01 / WB915-REF REACH / 07/20/2012 / Regular sample	SB915-3118-07 / WB915-REF REACH / 4/30/2013 / Regular sample	SB915-3137-01 / WB915-REF REACH / 10/22/2013 / Regular sample	SB915-3147-02 / WB915-REF REACH / 3/18/2014 / Regular sample	SB915-3164-02 / WB915-REF REACH / 05/06/2014 / Regular sample	SB915-3172-02 / WB915-REF REACH / 07/17/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.24J]	[0.388]	[0.363J]	[0.44J]	[0.22]	[0.42]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L		[0.473]		[0.49J]	[0.37]	[0.44]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L		[0.000499J]				
THALLIUM	0.008(S)	NC	mg/L			[0.0147J]	[0.018J]		
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3182-05 / WB915-REF REACH / 10/16/2014 / Regular sample	SB915-3129-08 / WB915-REF REACH / 7/23/2013 / Regular sample	SB915-3203-01 / WB915-REF REACH 2 / 04/28/2015 / Regular sample	SB915-3226-01 / WB915-REF REACH 2 / 02/09/2016 / Regular Sample	SB915-3236-01 / WB915-REF REACH 2 / 05/03/2016 / Regular Sample	SB915-3245-01 / WB915-REF REACH 2 / 07/29/2016 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[2.7]	[0.305]	[0.12J]		[0.62]	
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						[0.041]
IRON	0.3(S)	NC	mg/L	[2.4]	[0.406]			[0.81J]	
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L				[0.014J]		
VANADIUM	0.014(S)	NC	mg/L						

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3282-01 / WB915-REF REACH 2 / 07/21/2017 / Regular Sample	SB915-3272-01 / WB915-REF REACH 2 / 04/21/2017 / Regular Sample	SB915-3261-01 / WB915-REF REACH 2 / 02/09/2017 / Regular Sample	SB915-3137-04 / WB915-REF REACH 2 / 10/22/2013 / Regular sample	SB915-3147-01 / WB915-REF REACH 2 / 3/18/2014 / Regular sample	SB915-3164-01 / WB915-REF REACH 2 / 05/06/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.77J]	[3.5]	[0.1J]	[0.277J]		[0.13J]
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.6J]	[5.5]			[0.55J]	
MERCURY	0.00077(S)	NC	mg/L		[0.0000055]				
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L						
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3172-01 / WB915-REF REACH 2 / 07/17/2014 / Regular sample	SB915-3182-04 / WB915-REF REACH 2 / 10/16/2014 / Regular sample	SB915-3129-10 / WB915-REF REACH 2 / 7/23/2013 / Regular sample	SB915-3192-01 / WB915-RET POND 1 / 03/20/2015 / Regular sample	SB915-3212-06 / WB915-RET POND 1 / 07/21/2015 / Regular sample	SB915-3218-04 / WB915-RET POND 1 / 10/16/2015 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L	[0.4]	[3]	[0.284]			
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L				[0.0064J]		
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.43]	[2.2]	[0.36]			
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L					[0.0063J]	[0.0062J]
SILVER	0.0001(S)	NC	mg/L	[0.00031J]					
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
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[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3234-11 / WB915-RET POND 1 / 05/02/2016 / Regular Sample	SB915-3244-01 / WB915-RET POND 1 / 07/28/2016 / Regular sample	SB915-3252-08 / WB915-RET POND 1 / 10/06/2016 / Regular Sample	SB915-3284-05 / WB915-RET POND 1 / 07/24/2017 / Regular Sample	SB915-3291-03 / WB915-RET POND 1 / 10/09/2017 / Regular Sample	SB915-3270-04 / WB915-RET POND 1 / 04/20/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L		[0.026]	[0.023J]			
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L						
MERCURY	0.00077(S)	NC	mg/L						[0.000048]
NICKEL	NC	714.24	mg/L		[0.019J]	[0.016J]			
SELENIUM	0.0046(S)	NC	mg/L	[0.015]	[0.013]	[0.017]	[0.021]	[0.02]	[0.013]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3260-09 / WB915-RET POND 1 / 02/08/2017 / Regular Sample	SB915-3202-02 / WB915-RET POND 2-1 / 04/27/2015 / Regular sample	SB915-3212-05 / WB915-RET POND 2-1 / 07/21/2015 / Regular sample	SB915-3218-05 / WB915-RET POND 2-1 / 10/16/2015 / Regular sample	SB915-3224-05 / WB915-RET POND 2-1 / 02/08/2016 / Regular Sample	SB915-3234-10 / WB915-RET POND 2-1 / 05/02/2016 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L					[0.38J]	
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L		[0.0056J]				
IRON	0.3(S)	NC	mg/L				[0.45]		
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.016]		[0.0055J]			[0.0052J]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose	SB915-3244-02 / WB915-RET POND 2-1 / 07/28/2016 / Regular sample	SB915-3252-09 / WB915-RET POND 2-1 / 10/06/2016 / Regular Sample	SB915-3284-06 / WB915-RET POND 2-1 / 07/24/2017 / Regular Sample	SB915-3291-04 / WB915-RET POND 2-1 / 10/09/2017 / Regular Sample	SB915-3270-05 / WB915-RET POND 2-1 / 04/20/2017 / Regular Sample	SB915-3260-10 / WB915-RET POND 2-1 / 02/08/2017 / Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.022J]	[0.018J]				
CYANIDE	0.0052(S)	NC	mg/L					[0.012]	
IRON	0.3(S)	NC	mg/L						[0.34]
MERCURY	0.00077(S)	NC	mg/L					[0.000013]	
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.01]	[0.015]	[0.017]	[0.01]	[0.0098J]	[0.022]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3192-03 WB915-RET POND 2-2 03/20/2015 Regular sample	SB915-3218-06 WB915-RET POND 2-2 10/16/2015 Regular sample	SB915-3224-06 WB915-RET POND 2-2 02/08/2016 Regular Sample	SB915-3234-09 WB915-RET POND 2-2 05/02/2016 Regular Sample	SB915-3244-03 WB915-RET POND 2-2 07/28/2016 Regular sample	SB915-3252-10 WB915-RET POND 2-2 10/06/2016 Regular Sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L	[0.0062J]					
COPPER	NC	126.28	mg/L					[0.021J]	[0.019J]
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[2.1]	[0.41]	[0.51J]			
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L		[0.0055J]		[0.0082J]	[0.0095J]	[0.018]
SILVER	0.0001(S)	NC	mg/L						
THALLIUM	0.008(S)	NC	mg/L			[0.016J]			
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3284-07 / WB915-RET POND 2-2 / 07/24/2017 / Regular Sample	SB915-3291-05 / WB915-RET POND 2-2 / 10/09/2017 / Regular Sample	SB915-3270-06 / WB915-RET POND 2-2 / 04/20/2017 / Regular Sample	SB915-3260-08 / WB915-RET POND 2-2 / 02/08/2017 / Regular Sample	SB915-3116-12 / WB915-RET POND1 / 4/29/2013 / Regular sample	SB915-3136-03 / WB915-RET POND1 / 10/21/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L			[0.012]			
IRON	0.3(S)	NC	mg/L				[0.32]		[0.516]
MERCURY	0.00077(S)	NC	mg/L			[0.000014]			
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L	[0.018]	[0.01]	[0.01]	[0.024]		[0.0359J]
SILVER	0.0001(S)	NC	mg/L					[0.0036J]	
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3162-01 / WB915-RET POND1 / 05/05/2014 / Regular sample	SB915-3127-01 / WB915-RET POND1 / 7/22/2013 / Regular sample	SB915-3117-02 / WB915-RET POND2-1 / 4/29/2013 / Regular sample	SB915-3136-02 / WB915-RET POND2-1 / 10/21/2013 / Regular sample	SB915-3148-02 / WB915-RET POND2-1 / 3/19/2014 / Regular sample	SB915-3180-05 / WB915-RET POND2-1 / 10/14/2014 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L						
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L	[0.026]					
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L		[0.355J]				[0.56J]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L				[0.023J]		
SILVER	0.0001(S)	NC	mg/L			[0.0039J]			
THALLIUM	0.008(S)	NC	mg/L					[0.015J]	
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-24
Honeywell
Wastebeds 9-15 Closure Investigation Data Evaluation
Surface Water Exceedance Summary
Inorganic Data

Parameter Name	NYS Class C Standards and Guidance Values	NYS Class C Standards and Guidance Values (hardness dependent)	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3127-02 / WB915-RET POND2-1 / 7/22/2013 / Regular sample	SB915-3117-01 / WB915-RET POND2-2 / 4/29/2013 / Regular sample	SB915-3136-01 / WB915-RET POND2-2 / 10/21/2013 / Regular sample	SB915-3171-04 / WB915-RET POND2-2 / 07/16/2014 / Regular sample	SB915-3180-03 / WB915-RET POND2-2 / 10/14/2014 / Regular sample	SB915-3127-03 / WB915-RET POND2-2 / 7/22/2013 / Regular sample
ALUMINUM	0.1(S)	NC	mg/L				[0.11J]	[0.62J]	
CHROMIUM	NC	11.375	mg/L						
COBALT	0.005(S)	NC	mg/L						
COPPER	NC	126.28	mg/L						
CYANIDE	0.0052(S)	NC	mg/L						
IRON	0.3(S)	NC	mg/L	[0.335J]	[0.32]			[0.76J]	[0.326J]
MERCURY	0.00077(S)	NC	mg/L						
NICKEL	NC	714.24	mg/L						
SELENIUM	0.0046(S)	NC	mg/L			[0.0356J]			
SILVER	0.0001(S)	NC	mg/L		[0.0041J]	[0.007J]			
THALLIUM	0.008(S)	NC	mg/L						
VANADIUM	0.014(S)	NC	mg/L						

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3086-01 / WB915-GRAVEL PIT / 07/18/2012 / Regular sample	SB915-3086-08 / WB915-INTERBED 1 / 07/18/2012 / Regular sample	SB915-3086-09 / WB915-INTERBED 2 / 07/18/2012 / Regular sample	SB915-3086-10 / WB915-INTERBED 3 / 07/18/2012 / Regular sample	SB915-3086-02 / WB915-IRON BROOK / 07/18/2012 / Regular sample	SB915-3086-07 / WB915-POND AREA N OF WB11 / 07/18/2012 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[850J]	[11000J]	[12000J]	[11000J]	[6400J]	[19000J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3088-02 WB915-REACH A 07/20/2012 Regular sample	SB915-3088-03 WB915-REACH B 07/20/2012 Regular sample	SB915-3088-04 WB915-REACH C 07/20/2012 Regular sample	SB915-3088-05 WB915-REACH D 07/20/2012 Regular sample	SB915-3088-06 WB915-REACH E 07/20/2012 Regular sample	SB915-3088-07 WB915-REACH F 07/20/2012 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[720J]	[750J]	[830J]	[970J]	[1700J]	[1800J]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3088-01	SB915-3086-03	SB915-3086-04	SB915-3086-05	SB915-3106-01	SB915-3099-02
		Location	WB915-REF REACH	WB915-RET POND1	WB915-RET POND2-1	WB915-RET POND2-2	SB915-OUT-019	WB915-GRAVEL PIT
		Sample Date	07/20/2012	07/18/2012	07/18/2012	07/18/2012	12/12/2012	11/28/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[760J]	[18000J]	[14000J]	[12000J]	[1200]	[540]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3092-09	SB915-3099-03	SB915-3093-05	SB915-3099-05	SB915-3093-08	SB915-3099-06
		Location	WB915-GRAVEL PIT	WB915-INTERBED 1	WB915-INTERBED 1	WB915-INTERBED 2	WB915-INTERBED 2	WB915-INTERBED 3
		Sample Date	09/24/2012	11/28/2012	09/25/2012	11/28/2012	09/25/2012	11/28/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[570J]	[5500]	[8600J]	[6100]	[9000J]	[6000]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3093-09	SB915-3099-01	SB915-3092-01	SB915-3100-01	SB915-3098-01	SB915-3099-07
		Location	WB915-INTERBED 3	WB915-IRON BROOK	WB915-IRON BROOK	WB915-OUT-011	WB915-OUT-017	WB915-POND AREA N OF WB11
		Sample Date	09/25/2012	11/28/2012	09/24/2012	11/28/2012	11/27/2012	11/28/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[8600J]	[4300]	[4500J]	[4000]	[8600]	[4800]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3093-04	SB915-3097-11	SB915-3092-03	SB915-3097-12	SB915-3092-04	SB915-3097-09
		Location	WB915-POND AREA N OF WB11	WB915-REACH A	WB915-REACH A	WB915-REACH B	WB915-REACH B	WB915-REACH C
		Sample Date	09/25/2012	11/27/2012	09/24/2012	11/27/2012	09/24/2012	11/27/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[9100J]	[820]	[740J]	[760]	[740J]	[860]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3092-08 WB915-REACH C 09/24/2012 Regular sample	SB915-3097-06 WB915-REACH D 11/27/2012 Regular sample	SB915-3092-07 WB915-REACH D 09/24/2012 Regular sample	SB915-3097-05 WB915-REACH E 11/27/2012 Regular sample	SB915-3092-06 WB915-REACH E 09/24/2012 Regular sample	SB915-3097-04 WB915-REACH F 11/27/2012 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[840J]	[1000]	[910J]	[1500]	[1600J]	[1600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3092-05	SB915-3097-10	SB915-3092-02	SB915-3097-01	SB915-3093-01	SB915-3097-02
		Location	WB915-REACH F	WB915-REF REACH	WB915-REF REACH	WB915-RET POND1	WB915-RET POND1	WB915-RET POND2-1
		Sample Date	09/24/2012	11/27/2012	09/24/2012	11/27/2012	09/25/2012	11/27/2012
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1600J]	[810]	[720J]	[11000]	[13000J]	[9600]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3093-02	SB915-3097-03	SB915-3093-03	SB915-3247-02	SB915-3254-02	SB915-3237-02
		Location	WB915-RET POND2-1	WB915-RET POND2-2	WB915-RET POND2-2	SB915-SW-12	SB915-SW-12	SB915-SW-12
		Sample Date	09/25/2012	11/27/2012	09/25/2012	07/29/2016	10/07/2016	05/03/2016
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular Sample	Regular Sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[11000J]	[10000]	[12000J]	[2100]	[1900]	[860]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3227-02 SB915-SW-12 02/09/2016 Regular Sample	SB915-3273-02 SB915-SW-12 04/21/2017 Regular Sample	SB915-3283-02 SB915-SW-12 07/21/2017 Regular Sample	SB915-3292-02 SB915-SW-12 10/09/2017 Regular Sample	SB915-3263-02 SB915-SW-12 02/09/2017 Regular Sample	SB915-3247-01 SB915-SW-CL01 07/29/2016 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1000]	[530]	[680]	[1100]	[830]	[2000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3254-01 SB915-SW-CL01 10/07/2016 Regular Sample	SB915-3237-01 SB915-SW-CL01 05/03/2016 Regular Sample	SB915-3227-01 SB915-SW-CL01 02/09/2016 Regular Sample	SB915-3273-01 SB915-SW-CL01 04/21/2017 Regular Sample	SB915-3283-01 SB915-SW-CL01 07/21/2017 Regular Sample	SB915-3292-01 SB915-SW-CL01 10/09/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1900]	[860]	[1000]	[560]	[700]	[1200]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3263-01 SB915-SW-CL01 02/09/2017 Regular Sample	SB915-3202-07 WB915-GRAVEL PIT 04/27/2015 Regular sample	SB915-3212-02 WB915-GRAVEL PIT 07/21/2015 Regular sample	SB915-3244-05 WB915-GRAVEL PIT 07/28/2016 Regular sample	SB915-3252-12 WB915-GRAVEL PIT 10/06/2016 Regular Sample	SB915-3234-06 WB915-GRAVEL PIT 05/02/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[810]	[660]	[620]	[920]	[610]	[1100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3270-01 / WB915-GRAVEL PIT / 04/20/2017 / Regular Sample	SB915-3284-12 / WB915-GRAVEL PIT / 07/24/2017 / Regular Sample	SB915-3290-06 / WB915-GRAVEL PIT / 10/09/2017 / Regular Sample	SB915-3260-06 / WB915-GRAVEL PIT / 02/08/2017 / Regular Sample	SB915-3202-11 / WB915-INTERBED 1 / 04/27/2015 / Regular sample	SB915-3218-10 / WB915-INTERBED 1 / 10/16/2015 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[700]	[790]	[560]	[510]	[1800]	[6700]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3211-01 / WB915-INTERBED 1 / 07/20/2015 / Regular sample	SB915-3192-07 / WB915-INTERBED 1 / 03/20/2015 / Regular sample	SB915-3245-12 / WB915-INTERBED 1 / 07/29/2016 / Regular sample	SB915-3252-04 / WB915-INTERBED 1 / 10/06/2016 / Regular Sample	SB915-3235-03 / WB915-INTERBED 1 / 05/02/2016 / Regular Sample	SB915-3225-02 / WB915-INTERBED 1 / 02/08/2016 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[7300]	[1200]	[9800]	[9900]	[6000]	[650]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3270-12 / WB915-INTERBED 1 / 04/20/2017 / Regular Sample	SB915-3284-02 / WB915-INTERBED 1 / 07/24/2017 / Regular Sample	SB915-3293-03 / WB915-INTERBED 1 / 10/10/2017 / Regular Sample	SB915-3261-09 / WB915-INTERBED 1 / 02/09/2017 / Regular Sample	SB915-3202-10 / WB915-INTERBED 2 / 04/27/2015 / Regular sample	SB915-3218-11 / WB915-INTERBED 2 / 10/16/2015 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[5400]	[7000]	[7300]	[1200]	[1900]	[6900]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3211-02 / WB915-INTERBED 2 / 07/20/2015 / Regular sample	SB915-3192-08 / WB915-INTERBED 2 / 03/20/2015 / Regular sample	SB915-3245-11 / WB915-INTERBED 2 / 07/29/2016 / Regular sample	SB915-3252-06 / WB915-INTERBED 2 / 10/06/2016 / Regular Sample	SB915-3235-02 / WB915-INTERBED 2 / 05/02/2016 / Regular Sample	SB915-3225-01 / WB915-INTERBED 2 / 02/08/2016 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[7700]	[1500]	[10000]	[9600]	[6100]	[700]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3271-01 / WB915-INTERBED 2 / 04/20/2017 / Regular Sample	SB915-3284-03 / WB915-INTERBED 2 / 07/24/2017 / Regular Sample	SB915-3293-02 / WB915-INTERBED 2 / 10/10/2017 / Regular Sample	SB915-3261-10 / WB915-INTERBED 2 / 02/09/2017 / Regular Sample	SB915-3202-09 / WB915-INTERBED 3 / 04/27/2015 / Regular sample	SB915-3218-12 / WB915-INTERBED 3 / 10/16/2015 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[6600]	[7400]	[7300]	[1100]	[2000]	[6800]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3211-03 WB915-INTERBED 3 07/20/2015 Regular sample	SB915-3192-09 WB915-INTERBED 3 03/20/2015 Regular sample	SB915-3245-10 WB915-INTERBED 3 07/29/2016 Regular sample	SB915-3252-07 WB915-INTERBED 3 10/06/2016 Regular Sample	SB915-3235-01 WB915-INTERBED 3 05/02/2016 Regular Sample	SB915-3224-12 WB915-INTERBED 3 02/08/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[8200]	[2300]	[10000]	[9600]	[6000]	[1700]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3271-02 / WB915-INTERBED 3 / 04/20/2017 / Regular Sample	SB915-3284-04 / WB915-INTERBED 3 / 07/24/2017 / Regular Sample	SB915-3293-01 / WB915-INTERBED 3 / 10/10/2017 / Regular Sample	SB915-3261-11 / WB915-INTERBED 3 / 02/09/2017 / Regular Sample	SB915-3202-04 / WB915-IRON BROOK / 04/27/2015 / Regular sample	SB915-3218-07 / WB915-IRON BROOK / 10/16/2015 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[6500]	[8000]	[7700]	[4600]	[3200]	[4100]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3212-03 / WB915-IRON BROOK / 07/21/2015 / Regular sample	SB915-3192-04 / WB915-IRON BROOK / 03/20/2015 / Regular sample	SB915-3244-04 / WB915-IRON BROOK / 07/28/2016 / Regular sample	SB915-3252-11 / WB915-IRON BROOK / 10/06/2016 / Regular Sample	SB915-3234-08 / WB915-IRON BROOK / 05/02/2016 / Regular Sample	SB915-3224-07 / WB915-IRON BROOK / 02/08/2016 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[5700]	[1700]	[5300]	[4900]	[4400]	[2500]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3270-07	SB915-3284-08	SB915-3291-06	SB915-3260-07	SB915-3202-08	SB915-3219-01
		Location	WB915-IRON BROOK	WB915-IRON BROOK	WB915-IRON BROOK	WB915-IRON BROOK	WB915-OUT-011	WB915-OUT-011
		Sample Date	04/20/2017	07/24/2017	10/09/2017	02/08/2017	04/27/2015	10/16/2015
		Sample Purpose	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4200]	[4800]	[4500]	[2000]	[600]	[770]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3211-04 WB915-OUT-011 07/20/2015 Regular sample	SB915-3248-02 WB915-OUT-011 08/10/2016 Regular sample	SB915-3253-08 WB915-OUT-011 10/07/2016 Regular Sample	SB915-3224-11 WB915-OUT-011 02/08/2016 Regular Sample	SB915-3271-03 WB915-OUT-011 04/20/2017 Regular Sample	SB915-3286-01 WB915-OUT-011 08/22/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[5300]	[7400]	[6200]	[950]	[1700]	[7800]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3294-03 WB915-OUT-011 10/29/2017 Regular Sample	SB915-3261-12 WB915-OUT-011 02/09/2017 Regular Sample	SB915-3202-06 WB915-OUT-017 04/27/2015 Regular sample	SB915-3218-01 WB915-OUT-017 10/16/2015 Regular sample	SB915-3212-01 WB915-OUT-017 07/21/2015 Regular sample	SB915-3191-04 WB915-OUT-017 03/17/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[7600]	[700]	[2900]	[850]	[2300]	[830]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3256-04 / WB915-OUT-017 / 10/20/2016 / Regular Sample	SB915-3234-04 / WB915-OUT-017 / 05/02/2016 / Regular Sample	SB915-3224-01 / WB915-OUT-017 / 02/08/2016 / Regular Sample	SB915-3270-10 / WB915-OUT-017 / 04/20/2017 / Regular Sample	SB915-3285-01 / WB915-OUT-017 / 07/24/2017 / Regular Sample	SB915-3290-04 / WB915-OUT-017 / 10/09/2017 / Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[570]	[2200]	[2600]	[2500]	[2400]	[1600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3260-04 WB915-OUT-017 02/08/2017 Regular Sample	SB915-3202-05 WB915-OUT-019 04/27/2015 Regular sample	SB915-3218-08 WB915-OUT-019 10/16/2015 Regular sample	SB915-3212-07 WB915-OUT-019 07/21/2015 Regular sample	SB915-3191-01 WB915-OUT-019 03/17/2015 Regular sample	SB915-3248-01 WB915-OUT-019 08/10/2016 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1800]	[3600]	[11000]	[8400]	[960]	[19000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3256-06 WB915-OUT-019 10/20/2016 Regular Sample	SB915-3234-07 WB915-OUT-019 05/02/2016 Regular Sample	SB915-3224-08 WB915-OUT-019 02/08/2016 Regular Sample	SB915-3270-09 WB915-OUT-019 04/20/2017 Regular Sample	SB915-3284-09 WB915-OUT-019 07/24/2017 Regular Sample	SB915-3290-01 WB915-OUT-019 10/09/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[2400]	[3700]	[2600]	[3800]	[7000]	[10000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3260-01 / WB915-OUT-019 / 02/08/2017 / Regular Sample	SB915-3202-12 / WB915-POND AREA N of WB11 / 04/27/2015 / Regular sample	SB915-3218-09 / WB915-POND AREA N OF WB11 / 10/16/2015 / Regular sample	SB915-3209-12 / WB915-POND AREA N OF WB11 / 07/20/2015 / Regular sample	SB915-3192-06 / WB915-POND AREA N OF WB11 / 03/20/2015 / Regular sample	SB915-3246-01 / WB915-POND AREA N OF WB11 / 07/29/2016 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1600]	[14000]	[20000]	[23000]	[890]	[25000]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3252-01 WB915-POND AREA N OF WB11 10/06/2016 Regular Sample	SB915-3235-04 WB915-POND AREA N OF WB11 05/02/2016 Regular Sample	SB915-3225-03 WB915-POND AREA N OF WB11 02/08/2016 Regular Sample	SB915-3270-11 WB915-POND AREA N OF WB11 04/20/2017 Regular Sample	SB915-3284-01 WB915-POND AREA N OF WB11 07/24/2017 Regular Sample	SB915-3293-04 WB915-POND AREA N OF WB11 10/10/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[13000]	[21000]	[22000]	[19000]	[19000]	[20000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3261-08	SB915-3203-04	SB915-3217-03	SB915-3209-06	SB915-3193-03	SB915-3245-03
		Location	WB915-POND AREA N OF WB11	WB915-REACH A	WB915-REACH A	WB915-REACH A	WB915-REACH A	WB915-REACH A
		Sample Date	02/09/2017	04/28/2015	10/15/2015	07/20/2015	03/23/2015	07/29/2016
		Sample Purpose	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[17000]	[650]	[830]	[710]	[680]	[900]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3253-03 / WB915-REACH A / 10/07/2016 / Regular Sample	SB915-3236-03 / WB915-REACH A / 05/03/2016 / Regular Sample	SB915-3226-03 / WB915-REACH A / 02/09/2016 / Regular Sample	SB915-3290-09 / WB915-REACH A / 10/09/2017 / Regular Sample	SB915-3261-03 / WB915-REACH A / 02/09/2017 / Regular Sample	SB915-3203-05 / WB915-REACH B / 04/28/2015 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[890]	[580]	[630]	[790]	[550]	[650]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3217-04 WB915-REACH B 10/15/2015 Regular sample	SB915-3209-07 WB915-REACH B 07/20/2015 Regular sample	SB915-3193-05 WB915-REACH B 03/23/2015 Regular sample	SB915-3245-04 WB915-REACH B 07/29/2016 Regular sample	SB915-3253-04 WB915-REACH B 10/07/2016 Regular Sample	SB915-3236-04 WB915-REACH B 05/03/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[830]	[700]	[610]	[900]	[900]	[590]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3226-04 WB915-REACH B 02/09/2016 Regular Sample	SB915-3290-10 WB915-REACH B 10/09/2017 Regular Sample	SB915-3261-04 WB915-REACH B 02/09/2017 Regular Sample	SB915-3203-06 WB915-REACH C 04/28/2015 Regular sample	SB915-3217-05 WB915-REACH C 10/15/2015 Regular sample	SB915-3209-08 WB915-REACH C 07/20/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[650]	[800]	[540]	[720]	[900]	[770]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3193-08 WB915-REACH C 03/23/2015 Regular sample	SB915-3245-05 WB915-REACH C 07/29/2016 Regular sample	SB915-3253-05 WB915-REACH C 10/07/2016 Regular Sample	SB915-3236-05 WB915-REACH C 05/03/2016 Regular Sample	SB915-3226-05 WB915-REACH C 02/09/2016 Regular Sample	SB915-3282-07 WB915-REACH C 07/21/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[760]	[1000]	[1000]	[640]	[680]	[510]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3290-11 WB915-REACH C 10/09/2017 Regular Sample	SB915-3261-05 WB915-REACH C 02/09/2017 Regular Sample	SB915-3203-09 WB915-REACH D 04/28/2015 Regular sample	SB915-3217-06 WB915-REACH D 10/15/2015 Regular sample	SB915-3209-09 WB915-REACH D 07/20/2015 Regular sample	SB915-3193-09 WB915-REACH D 03/23/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[810]	[530]	[690]	[860]	[810]	[740]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3245-06 WB915-REACH D 07/29/2016 Regular sample	SB915-3253-06 WB915-REACH D 10/07/2016 Regular Sample	SB915-3236-06 WB915-REACH D 05/03/2016 Regular Sample	SB915-3226-06 WB915-REACH D 02/09/2016 Regular Sample	SB915-3290-12 WB915-REACH D 10/09/2017 Regular Sample	SB915-3261-06 WB915-REACH D 02/09/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1000]	[1000]	[1200]	[700]	[830]	[580]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3203-10 WB915-REACH E 04/28/2015 Regular sample	SB915-3217-09 WB915-REACH E 10/15/2015 Regular sample	SB915-3209-10 WB915-REACH E 07/20/2015 Regular sample	SB915-3193-10 WB915-REACH E 03/23/2015 Regular sample	SB915-3245-08 WB915-REACH E 07/29/2016 Regular sample	SB915-3253-07 WB915-REACH E 10/07/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1200]	[1600]	[1300]	[970]	[2000]	[1900]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3236-07 WB915-REACH E 05/03/2016 Regular Sample	SB915-3226-07 WB915-REACH E 02/09/2016 Regular Sample	SB915-3272-07 WB915-REACH E 04/21/2017 Regular Sample	SB915-3282-10 WB915-REACH E 07/21/2017 Regular Sample	SB915-3291-01 WB915-REACH E 10/09/2017 Regular Sample	SB915-3261-07 WB915-REACH E 02/09/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[920]	[1100]	[540]	[680]	[1200]	[810]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3203-11 WB915-REACH F 04/28/2015 Regular sample	SB915-3217-10 WB915-REACH F 10/15/2015 Regular sample	SB915-3209-11 WB915-REACH F 07/20/2015 Regular sample	SB915-3193-11 WB915-REACH F 03/23/2015 Regular sample	SB915-3245-09 WB915-REACH F 07/29/2016 Regular sample	SB915-3253-09 WB915-REACH F 10/07/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1100]	[1600]	[1300]	[960]	[1900]	[1900]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3236-08 WB915-REACH F 05/03/2016 Regular Sample	SB915-3226-08 WB915-REACH F 02/09/2016 Regular Sample	SB915-3272-08 WB915-REACH F 04/21/2017 Regular Sample	SB915-3282-11 WB915-REACH F 07/21/2017 Regular Sample	SB915-3291-02 WB915-REACH F 10/09/2017 Regular Sample	SB915-3262-01 WB915-REACH F 02/09/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[860]	[970]	[530]	[620]	[1200]	[730]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3203-02 WB915-REF REACH 04/28/2015 Regular sample	SB915-3217-02 WB915-REF REACH 10/15/2015 Regular sample	SB915-3209-04 WB915-REF REACH 07/20/2015 Regular sample	SB915-3193-02 WB915-REF REACH 03/23/2015 Regular sample	SB915-3245-02 WB915-REF REACH 07/29/2016 Regular sample	SB915-3253-02 WB915-REF REACH 10/07/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[670]	[830]	[720]	[730]	[890]	[890]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3236-02 WB915-REF REACH 05/03/2016 Regular Sample	SB915-3226-02 WB915-REF REACH 02/09/2016 Regular Sample	SB915-3290-08 WB915-REF REACH 10/09/2017 Regular Sample	SB915-3261-02 WB915-REF REACH 02/09/2017 Regular Sample	SB915-3203-01 WB915-REF REACH 2 04/28/2015 Regular sample	SB915-3217-01 WB915-REF REACH 2 10/15/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[590]	[640]	[780]	[540]	[680]	[840]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3209-01 WB915-REF REACH 2 07/20/2015 Regular sample	SB915-3193-01 WB915-REF REACH 2 03/23/2015 Regular sample	SB915-3245-01 WB915-REF REACH 2 07/29/2016 Regular sample	SB915-3253-01 WB915-REF REACH 2 10/07/2016 Regular Sample	SB915-3236-01 WB915-REF REACH 2 05/03/2016 Regular Sample	SB915-3226-01 WB915-REF REACH 2 02/09/2016 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[730]	[700]	[910]	[910]	[600]	[640]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3290-07 WB915-REF REACH 2 10/09/2017 Regular Sample	SB915-3261-01 WB915-REF REACH 2 02/09/2017 Regular Sample	SB915-3202-01 WB915-RET POND 1 04/27/2015 Regular sample	SB915-3218-04 WB915-RET POND 1 10/16/2015 Regular sample	SB915-3212-06 WB915-RET POND 1 07/21/2015 Regular sample	SB915-3192-01 WB915-RET POND 1 03/20/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[790]	[550]	[2900]	[11000]	[8000]	[8900]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3244-01 WB915-RET POND 1 07/28/2016 Regular sample	SB915-3252-08 WB915-RET POND 1 10/06/2016 Regular Sample	SB915-3234-11 WB915-RET POND 1 05/02/2016 Regular Sample	SB915-3224-04 WB915-RET POND 1 02/08/2016 Regular Sample	SB915-3270-04 WB915-RET POND 1 04/20/2017 Regular Sample	SB915-3284-05 WB915-RET POND 1 07/24/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[13000]	[11000]	[12000]	[4900]	[6900]	[9100]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3291-03	SB915-3260-09	SB915-3202-02	SB915-3218-05	SB915-3212-05	SB915-3192-02
		Location	WB915-RET POND 1	WB915-RET POND 1	WB915-RET POND 2-1	WB915-RET POND 2-1	WB915-RET POND 2-1	WB915-RET POND 2-1
		Sample Date	10/09/2017	02/08/2017	04/27/2015	10/16/2015	07/21/2015	03/20/2015
		Sample Purpose	Regular Sample	Regular Sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[11000]	[3900]	[6600]	[8500]	[7600]	[7900]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3244-02 WB915-RET POND 2-1 07/28/2016 Regular sample	SB915-3252-09 WB915-RET POND 2-1 10/06/2016 Regular Sample	SB915-3234-10 WB915-RET POND 2-1 05/02/2016 Regular Sample	SB915-3224-05 WB915-RET POND 2-1 02/08/2016 Regular Sample	SB915-3270-05 WB915-RET POND 2-1 04/20/2017 Regular Sample	SB915-3284-06 WB915-RET POND 2-1 07/24/2017 Regular Sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[11000]	[11000]	[8200]	[7500]	[7700]	[8200]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3291-04 WB915-RET POND 2-1 10/09/2017 Regular Sample	SB915-3260-10 WB915-RET POND 2-1 02/08/2017 Regular Sample	SB915-3202-03 WB915-RET POND 2-2 04/27/2015 Regular sample	SB915-3218-06 WB915-RET POND 2-2 10/16/2015 Regular sample	SB915-3212-04 WB915-RET POND 2-2 07/21/2015 Regular sample	SB915-3192-03 WB915-RET POND 2-2 03/20/2015 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[9300]	[7700]	[6600]	[9300]	[7700]	[7400]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3244-03	SB915-3252-10	SB915-3234-09	SB915-3224-06	SB915-3270-06	SB915-3284-07
		Location	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2	WB915-RET POND 2-2
		Sample Date	07/28/2016	10/06/2016	05/02/2016	02/08/2016	04/20/2017	07/24/2017
		Sample Purpose	Regular sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample	Regular Sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[11000]	[11000]	[8400]	[7300]	[7700]	[8200]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3291-05 WB915-RET POND 2-2 10/09/2017 Regular Sample	SB915-3260-08 WB915-RET POND 2-2 02/08/2017 Regular Sample	SB915-3116-01 WB915-GRAVEL PIT 04/29/2013 Regular sample	SB915-3135-02 WB915-GRAVEL PIT 10/21/2013 Regular sample	SB915-3162-08 WB915-GRAVEL PIT 05/05/2014 Regular sample	SB915-3171-01 WB915-GRAVEL PIT 07/16/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[8800]	[7900]	[835]	[583]	[880]	[820]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3116-10 WB915-INTERBED 1 04/29/2013 Regular sample	SB915-3135-09 WB915-INTERBED 1 10/21/2013 Regular sample	SB915-3149-05 WB915-INTERBED 1 03/20/2014 Regular sample	SB915-3162-12 WB915-INTERBED 1 05/05/2014 Regular sample	SB915-3171-10 WB915-INTERBED 1 07/16/2014 Regular sample	SB915-3181-02 WB915-INTERBED 1 10/15/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4500]	[5340]	[1400]	[4500]	[8100]	[7900]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3116-09 WB915-INTERBED 2 04/29/2013 Regular sample	SB915-3135-08 WB915-INTERBED 2 10/21/2013 Regular sample	SB915-3149-02 WB915-INTERBED 2 03/20/2014 Regular sample	SB915-3162-11 WB915-INTERBED 2 05/05/2014 Regular sample	SB915-3171-07 WB915-INTERBED 2 07/16/2014 Regular sample	SB915-3181-03 WB915-INTERBED 2 10/15/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4810]	[5460]	[850]	[4700]	[8100]	[8200]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3116-08 / WB915-INTERBED 3 / 04/29/2013 / Regular sample	SB915-3135-07 / WB915-INTERBED 3 / 10/21/2013 / Regular sample	SB915-3149-03 / WB915-INTERBED 3 / 03/20/2014 / Regular sample	SB915-3162-10 / WB915-INTERBED 3 / 05/05/2014 / Regular sample	SB915-3171-06 / WB915-INTERBED 3 / 07/16/2014 / Regular sample	SB915-3181-04 / WB915-INTERBED 3 / 10/15/2014 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[5070]	[5790]	[740]	[4600]	[8200]	[8100]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3116-04 WB915-IRON BROOK 04/29/2013 Regular sample	SB915-3135-04 WB915-IRON BROOK 10/21/2013 Regular sample	SB915-3148-05 WB915-IRON BROOK 03/19/2014 Regular sample	SB915-3162-04 WB915-IRON BROOK 05/05/2014 Regular sample	SB915-3171-05 WB915-IRON BROOK 07/16/2014 Regular sample	SB915-3180-02 WB915-IRON BROOK 10/14/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4290]	[4040]	[2000]	[3800]	[5500]	[5300]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3116-07 WB915-OUT-011 04/29/2013 Regular sample	SB915-3135-06 WB915-OUT-011 10/21/2013 Regular sample	SB915-3162-09 WB915-OUT-011 05/05/2014 Regular sample	SB915-3175-01 WB915-OUT-011 08/13/2014 Regular sample	SB915-3181-05 WB915-OUT-011 10/15/2014 Regular sample	SB915-3116-02 WB915-OUT-017 04/29/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[874]	[3010]	[860]	[13000]	[16000]	[2360]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3135-01 WB915-OUT-017 10/21/2013 Regular sample	SB915-3148-09 WB915-OUT-017 03/19/2014 Regular sample	SB915-3163-02 WB915-OUT-017 05/05/2014 Regular sample	SB915-3173-01 WB915-OUT-017 07/18/2014 Regular sample	SB915-3182-03 WB915-OUT-017 10/16/2014 Regular sample	SB915-3116-03 WB915-OUT-019 04/29/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[1290]	[2100]	[2800]	[2700]	[1000]	[4740]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3135-03 WB915-OUT-019 10/21/2013 Regular sample	SB915-3148-08 WB915-OUT-019 03/19/2014 Regular sample	SB915-3162-07 WB915-OUT-019 05/05/2014 Regular sample	SB915-3173-08 WB915-OUT-019 07/18/2014 Regular sample	SB915-3182-02 WB915-OUT-019 10/16/2014 Regular sample	SB915-3116-11 WB915-POND AREA N OF WB11 04/29/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[8700]	[2200]	[3900]	[17000]	[3400]	[2760]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3135-10	SB915-3149-04	SB915-3163-01	SB915-3171-11	SB915-3181-01	SB915-3118-08
		Location	WB915-POND AREA N OF WB11	WB915-POND AREA N OF WB11	WB915-POND AREA N OF WB11	WB915-POND AREA N OF WB11	WB915-POND AREA N OF WB11	WB915-REACH A
		Sample Date	10/21/2013	03/20/2014	05/05/2014	07/16/2014	10/15/2014	04/30/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[4530]	[1800]	[2300]	[10000]	[22000]	[558]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3137-02 WB915-REACH A 10/22/2013 Regular sample	SB915-3164-03 WB915-REACH A 05/06/2014 Regular sample	SB915-3172-03 WB915-REACH A 07/17/2014 Regular sample	SB915-3182-07 WB915-REACH A 10/16/2014 Regular sample	SB915-3118-06 WB915-REACH B 04/30/2013 Regular sample	SB915-3137-03 WB915-REACH B 10/22/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[535]	[640]	[800]	[550]	[561]	[531]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3164-04 WB915-REACH B 05/06/2014 Regular sample	SB915-3172-04 WB915-REACH B 07/17/2014 Regular sample	SB915-3182-08 WB915-REACH B 10/16/2014 Regular sample	SB915-3118-05 WB915-REACH C 04/30/2013 Regular sample	SB915-3137-05 WB915-REACH C 10/22/2013 Regular sample	SB915-3164-05 WB915-REACH C 05/06/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[630]	[880]	[530]	[596]	[564]	[710]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3172-05 / WB915-REACH C / 07/17/2014 / Regular sample	SB915-3182-09 / WB915-REACH C / 10/16/2014 / Regular sample	SB915-3118-04 / WB915-REACH D / 04/30/2013 / Regular sample	SB915-3137-06 / WB915-REACH D / 10/22/2013 / Regular sample	SB915-3164-06 / WB915-REACH D / 05/06/2014 / Regular sample	SB915-3172-06 / WB915-REACH D / 07/17/2014 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[810]	[570]	[614]	[595]	[730]	[930]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3182-10 WB915-REACH D 10/16/2014 Regular sample	SB915-3118-02 WB915-REACH E 04/30/2013 Regular sample	SB915-3137-07 WB915-REACH E 10/22/2013 Regular sample	SB915-3147-07 WB915-REACH E 03/18/2014 Regular sample	SB915-3164-08 WB915-REACH E 05/06/2014 Regular sample	SB915-3172-08 WB915-REACH E 07/17/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[530]	[1370]	[949]	[690]	[1400]	[1600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3182-11 WB915-REACH E 10/16/2014 Regular sample	SB915-3118-01 WB915-REACH F 04/30/2013 Regular sample	SB915-3137-08 WB915-REACH F 10/22/2013 Regular sample	SB915-3147-06 WB915-REACH F 03/18/2014 Regular sample	SB915-3164-09 WB915-REACH F 05/06/2014 Regular sample	SB915-3172-09 WB915-REACH F 07/17/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[690]	[960]	[909]	[650]	[1100]	[1600]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3182-12 WB915-REACH F 10/16/2014 Regular sample	SB915-3118-07 WB915-REF REACH 04/30/2013 Regular sample	SB915-3137-01 WB915-REF REACH 10/22/2013 Regular sample	SB915-3164-02 WB915-REF REACH 05/06/2014 Regular sample	SB915-3172-02 WB915-REF REACH 07/17/2014 Regular sample	SB915-3182-05 WB915-REF REACH 10/16/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[580]	[565]	[530]	[640]	[750]	[590]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3137-04 WB915-REF REACH 2 10/22/2013 Regular sample	SB915-3164-01 WB915-REF REACH 2 05/06/2014 Regular sample	SB915-3172-01 WB915-REF REACH 2 07/17/2014 Regular sample	SB915-3182-04 WB915-REF REACH 2 10/16/2014 Regular sample	SB915-3116-12 WB915-RET POND1 04/29/2013 Regular sample	SB915-3136-03 WB915-RET POND1 10/21/2013 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[533]	[660]	[800]	[610]	[5590]	[9000]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID	SB915-3148-01	SB915-3162-01	SB915-3171-02	SB915-3180-04	SB915-3117-02	SB915-3136-02
		Location	WB915-RET POND1	WB915-RET POND1	WB915-RET POND1	WB915-RET POND1	WB915-RET POND2-1	WB915-RET POND2-1
		Sample Date	03/19/2014	05/05/2014	07/16/2014	10/14/2014	04/29/2013	10/21/2013
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Units						
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[3900]	[5800]	[11000]	[12000]	[6710]	[7860]

NOTES:

J = Approximate value since the result is less than the RL and greater than or equal to the MDL.

[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID / Location / Sample Date / Sample Purpose / Units	SB915-3148-02 / WB915-RET POND2-1 / 03/19/2014 / Regular sample	SB915-3162-02 / WB915-RET POND2-1 / 05/05/2014 / Regular sample	SB915-3171-03 / WB915-RET POND2-1 / 07/16/2014 / Regular sample	SB915-3180-05 / WB915-RET POND2-1 / 10/14/2014 / Regular sample	SB915-3117-01 / WB915-RET POND2-2 / 04/29/2013 / Regular sample	SB915-3136-01 / WB915-RET POND2-2 / 10/21/2013 / Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[2900]	[6100]	[6200]	[9400]	[6610]	[9780]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

Table K-25
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Surface Water Exceedance Summary
Other Data

Parameter Name	New York State Class C Standards	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3148-03 WB915-RET POND2-2 03/19/2014 Regular sample	SB915-3162-03 WB915-RET POND2-2 05/05/2014 Regular sample	SB915-3171-04 WB915-RET POND2-2 07/16/2014 Regular sample	SB915-3180-03 WB915-RET POND2-2 10/14/2014 Regular sample
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERABLE)	500(S)	mg/L	[3100]	[6500]	[6500]	[9300]

NOTES:
J = Approximate value since the result is less than the RL and greater than or equal to the MDL.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-26
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3122-01 SB915-OUT-018 6/13/2013 Regular sample ng/L	SB915-3127-06 WB915-Gravel Pit 07/22/2013 Regular sample	SB915-3127-07 WB915-Gravel Pit 07/22/2013 Field duplicate	SB915-3132-04 WB915-INTERBED-1 07/24/2013 Regular sample	SB915-3132-03 WB915-INTERBED-2 07/24/2013 Regular sample	SB915-3132-02 WB915-INTERBED-3 07/24/2013 Regular sample
Total TEQ	0.0000006(S)		[0.000018227]	[0.000051537]	[0.000036189]	[0.000053065]	[0.000059443]	[0.000066182]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-26
Honeywell
Wastebeds 9-15 Closure Investigation
Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3127-04 WB915-IRON BROOK 07/22/2013 Regular sample	SB915-3132-01 WB915-OUT-011 07/24/2013 Regular sample	SB915-3127-05 WB915-OUT-017 07/22/2013 Regular sample	SB915-3132-05 WB915-POND AREA N OF WB11 07/24/2013 Regular sample	SB915-3129-07 WB915-REACH A 07/23/2013 Regular sample	SB915-3129-09 WB915-REACH B 07/23/2013 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.000052]	[0.000045944]	[0.000039441]	[0.00003912]	[0.0000876]	[0.000106896]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Table K-26
Honeywell
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Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3129-06 WB915-REACH C 07/23/2013 Regular sample	SB915-3129-05 WB915-REACH D 07/23/2013 Regular sample	SB915-3129-02 WB915-REACH E 07/23/2013 Regular sample	SB915-3129-01 WB915-REACH F 07/23/2013 Regular sample	SB915-3129-08 WB915-REF REACH 07/23/2013 Regular sample	SB915-3129-10 WB915-REF REACH 2 07/23/2013 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.000158471]	[0.0001347]	[0.000099654]	[0.000097911]	[0.000102252]	[0.000102643]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class C standard (S) or guidance value (G).

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Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3127-01 WB915-REF POND1 07/22/2013 Regular sample	SB915-3127-03 WB915-REF POND2-2 07/22/2013 Regular sample	SB915-3180-01 WB915-GRAVEL PIT 10/14/2014 Regular sample	SB915-3181-02 WB915-INTERBED-1 10/15/2014 Regular sample	SB915-3181-03 WB915-INTERBED-2 10/15/2014 Regular sample	SB915-3181-04 WB915-INTERBED-3 10/15/2014 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.00008157]	[0.00041415]	[0.00000411]	[0.0000403]	[0.00011932]	[0.0000009]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
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Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3180-02 WB915-IRON BROOK 10/14/2014 Regular sample	SB915-3182-01 WB915-OUT-018 10/16/2014 Regular sample	SB915-3182-02 WB915-OUT-019 10/16/2014 Regular sample	SB915-3181-01 WB915-POND AREA N OF WB11 10/15/2014 Regular sample	SB915-3182-07 WB915-REACH A 10/16/2014 Regular sample	SB915-3182-08 WB915-REACH B 10/16/2014 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.00000261]	[0.00000105]	[0.00001547]	[0.00000075]	[0.00005127]	[0.00010841]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
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Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3182-09 WB915-REACH C 10/16/2014 Regular sample	SB915-3182-10 WB915-REACH D 10/16/2014 Regular sample	SB915-3182-11 WB915-REACH E 10/16/2014 Regular sample	SB915-3182-12 WB915-REACH F 10/16/2014 Regular sample	SB915-3182-05 WB915-REF REACH 10/16/2014 Regular sample	SB915-3182-04 WB915-REF REACH 2 10/16/2014 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.0000666]	[0.00008132]	[0.00004757]	[0.00007846]	[0.00010467]	[0.00005886]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
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Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3180-05 WB915-REF POND2-1 10/14/2014 Regular sample	SB915-3106-01 SB915-OUT-019 12/12/2012 Regular sample	SB915-3086-09 WB915-INTERBED-2 07/18/2012 Regular sample	SB915-3086-02 WB915-IRON BROOK 07/18/2012 Regular sample	SB915-3100-01 WB915-OUT-011 11/28/2012 Regular sample	SB915-3098-01 WB915-OUT-017 11/27/2012 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.0000891]	[0.00090664]	[0.0000009]	[0.00000078]	[0.000005698]	[0.00044304]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
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Surface Water Exceedance Summary
Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3086-07 WB915-POND AREA N OF WB11 07/18/2012 Regular sample	SB915-3088-02 WB915-REACH A 07/20/2012 Regular sample	SB915-3088-03 WB915-REACH B 07/20/2012 Regular sample	SB915-3088-04 WB915-REACH C 07/20/2012 Regular sample	SB915-3088-05 WB915-REACH D 07/20/2012 Regular sample	SB915-3088-06 WB915-REACH E 07/20/2012 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.00000063]	[0.00098114]	[0.00125511]	[0.00117324]	[0.00110136]	[0.00049639]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
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Method 8290 Dioxins/Furans Equivalence Summary Data

Parameter Name	NYS Class C Standards and Guidance Values	Field Sample ID Location Sample Date Sample Purpose Units	SB915-3088-07 WB915-REACH F 07/20/2012 Regular sample	SB915-3088-01 WB915-REF REACH 07/20/2012 Regular sample
Total TEQ	0.0000006(S)	ng/L	[0.00022337]	[0.00190503]

NOTES:
TEQ - Toxic Equivalence Concentration calculated using TEF values from Van den Berg, et al. (2006) for Humans/Mammals.
[ ] = Result exceeds Class C standard (S) or guidance value (G).